Groundwater Remediation Systems
Quarterly Operations Report

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Appendix A – Treatment System Monitoring for PFAS and 1,4-Dioxane Results

Appendix B – Extraction Well, System Influent, System Effluent, and Monitoring Well Results

1.0 SYSTEMS OVERVIEW

Table 1.0-1 - Summary of Operations

System	*Type*	*Target Contaminant*	*No. of Wells*	*Years of Operation*	*Status*	*Pounds of Target Contaminant Removed (quarter/cumulative)*
Operable Unit I						
South Boundary	P&T AS	VOCs	2	Operate – 16 Standby – 6	Closed 9/2019	0 369
Operable Unit III						
South Boundary	P&T AS	VOCs	8	28	FT	2.11 3,093
Middle Road	P&T AS	VOCs	7	23	FT	6.03 1,407
Western South Boundary	P&T AS	VOCs	6	22	PP	1.7 221.5
Industrial Park	Recirc. AS/GAC	VOCs	7	Operate – 16 Standby – 9	Standby	0 1,066
	P&T GAC		2	Operate – 4 Standby – 6	Standby	0 10
Building 96	P&T AS	VOCs	1	16	PP	0.06
	Recirc. AS/GAC		3	Operate – 15 Standby – 9	Standby	146.6
North Street East EDB	P&T GAC	EDB/VOCs	4	Operate – 15[1] Standby – 6	PP	0.3 51.3
LIPA	P&T GAC	VOCs	4	Operate – 12 Standby – 8	Closed 12/2024	1.4 513.8
Airport	P&T GAC	VOCs	6	20	FT	
BGRR/WCF	P&T IE GAC	Sr-90	9	19	FT	0.011 mCi 30 mCi
Chemical Holes	P&T IE	Sr-90	3	Operate – 15 Standby – 6	Standby	4.94 mCi
Carbon Tetrachloride	P&T GAC	VOCs/Carbon Tetrachloride	3	Operate – 5 Standby – 5	Closed 10/2009	0 349
Industrial Park East	P&T GAC	VOCs	2	Operate – 5 Standby – 4	Dismantled 2013	NA 38
North Street	P&T GAC	VOCs	2	Operate – 9 Standby -7	Closed 3/2020	NA 342
HFBR	P&R	Tritium	4	Operate – 9 Standby – 16	Closed 3/2019	NA 180 (VOCs)

Building 452	P&T AS	Freon-11	1	Operate – 4 Standby – 6	Closed 9/2019	NA 106
Operable Unit IV						
AOC 5 1997 Spill	AS/SVE	VOCs	71	Operate – 4 Standby – 2	Closed 7/2003	NA 35
Operable Unit VI						
EDB[2]	P&T GAC	EDB	4	20	FT	0.025 0.59
Operable Unit X						
Current Firehouse	P&T GAC	PFAS	9	2	FT	0.06 1.07
Former Firehouse	P&T GAC	PFAS	3	2	FT	0.05 0.44

Notes:
Shading – denotes the system is closed
[1] – Operate time is VOCs (10yrs) combined with EDB, EDB beginning in 2020
[2] – The mass of EDB removed calculated since the startup of EW-3E and EW-4E in January 2024
P&T – pump & treat
P&R – pump & recharge
AS – air stripping
GAC – granular activated carbon filtration
SVE – soil vapor extraction
IE – ion exchange
PP – system is pulsed pumping
FT – system is running full time
Recirc. – recirculation well
EDB – ethylene dibromide
Sr-90 – strontium 90
PFAS – per- and polyfluoroalkyl substances
mCi – milliCuries
VOCs – volatile organic compounds

2.0 TREATMENT SYSTEM PFAS & 1,4-DIOXANE MONITORING

In February 2023, the New York State Department of Environmental Conservation (NYSDEC) issued Final Ambient Water Quality Guidance Values (AWQGVs) to regulate perfluorooctanesulfonic acid (PFOS), perfluorooctanoic acid (PFOA), and 1,4-dioxane. In May and July 2023, meetings were held with the United States Department of Energy (DOE), NYSDEC, the United States Environmental Protection Agency (EPA), and the Suffolk County Department of Health Services (SCDHS), regarding the currently operating groundwater treatment systems and the potential for exceeding the new discharge guidance values at several of the systems. Because of the limited PFOS, PFOA and 1,4-dioxane data that was available for these systems, in July 2023, the NYSDEC approved BNL's plan to monitor active treatment systems that had detectable levels of PFOS, PFOA, and/or 1,4-dioxane on a quarterly frequency for one year (June 2023 through July 2024).

The 2023-2024 groundwater treatment system monitoring plan called for quarterly sampling of five operational treatment systems:

1) Combined Operable Unit (OU) III Western South Boundary, Middle Road, and South Boundary (WSB/MR/SB) on-site system (treatment for VOCs using air stripping);
2) OU III Airport off-site system (treatment for VOCs using GAC);
3) OU III North Street East Ethylene Dibromide (NSE EDB) off-site system (treatment for VOCs using GAC);
4) OU VI Ethylene dibromide (EDB) off-site system (treatment for EDB using GAC); and
5) OU III Brookhaven Graphite Research Reactor/Waste Concentration Facility (BGRR/WCF) Sr-90 on-site system (treatment for Sr-90 using ion exchange, and for low level VOCs using GAC).

Samples from treatment system influent, effluent, and individual extraction wells, were collected during the June-July 2023 and January 2024 sampling events, and treatment system influent and effluent samples were collected during the October 2023 and July 2024 sampling events. Each of the systems were analyzed for PFAS by EPA Method 1633 and 1,4-dioxane by EPA Method 8270 Select Ion Monitoring (SIM), with the exception of the OU VI EDB system which was analyzed for 1,4-dioxane only.

Based on the results, a Groundwater Treatment System Compliance Plan was submitted in August 2024. The Compliance Plan summarized the results of the sampling effort, determined which systems were out of compliance with the new effluent limits, evaluated possible modifications/commercially available treatment technologies, and made recommendations to achieve compliance. The Compliance Plan was approved by the regulators in December 2024.

As recommended in the Groundwater Treatment System Compliance Plan, each of these systems will continue quarterly monitoring, as described above, starting in the fourth quarter (October) 2024. The October 2024 sampling round included system influent and effluent only.

The PFAS and 1,4-dioxane analytical results (including non-detect results) from October 2023 through July 2024 were provided in the First Quarter 2024 Groundwater Remediations Systems Quarterly Operations Report and submitted to the NYSDEC in the requested New York State Electronic Data Deliverable (NYSEDD) format. The 2nd Quarter 2025 sampling event was

conducted in accordance with the compliance plan. The monitoring results from the last quarter indicated that:

- **OU III WSB/MR/SB:** 1,4-Dioxane and PFOS exceeded the guidance values in the system effluent during the 2nd Quarter sampling round. The concentration of 1,4-dioxane in system effluent was 1.6 µg/L and the concentration of PFOS in the system effluent was 3.8 ng/L. PFOA did not exceed the guidance value and was detected at a concentration of 4.9 ng/L during the reporting period.
- **OU III Airport:** 1,4-Dioxane exceeded its guidance value in the system effluent during the 2nd Quarter sampling round. The concentration of 1,4-dioxane in the effluent was 0.78 µg/L. PFOS and PFOA were not detected in the system effluent.
- **OU III NSE EBD:** 1,4-Dioxane slightly exceeded its guidance value in the system effluent during the 2nd Quarter at a concentration of 0.43 µg/L. PFOA and PFOS were not detected above their respective guidance values in the system effluent during the quarterly sampling round.
- **OU III BGRR/WCF:** 1,4-Dioxane was not detected in the treatment system's effluent during the 2nd Quarter. PFOS was detected in the effluent above the guidance value at a concentration of 9.26 ng/L. PFOA was detected in the effluent at a concentration of 5.68 ng/L, which is below the guidance value. A carbon changeout was completed in June 2025, which is expected to address this issue.

A summary of the PFOS, PFOA, and 1,4-dioxane results reported through June 2025 compared to NYSDEC Effluent Limitations is provided in **Table 2.0-1**.

The PFAS and 1,4-dioxane analytical results (including non-detect results) 2nd Quarter 2025 are provided in **Appendix A**. A cross reference to the **Appendix A** Site-IDs to their associated treatment system, extraction well, influent sample point, or effluent sample point is provided in **Table 2.0-1**. These results are also submitted in the NYSEDD format.

The next treatment system sampling round for PFAS and 1,4-dioxane is scheduled to be performed in July 2025 for the 3rd Quarter and will include sampling from the systems extraction wells, influent and effluent.

3.0 SYSTEM OPERATIONS

3.1 OU I South Boundary Pump & Treat System (Closed)

Process:	Groundwater extraction with air stripping treatment. Treated effluent is discharged to the Removal Action (RA) V recharge basin.
Goal:	Reach Maximum Contaminant Levels (MCLs) in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).
Start Date:	January 1997
Status:	Closed. The system was placed in standby mode in September 2013 and the Petition for Closure of the system was approved in September 2019.

Monitoring Activities:

In addition to the OU I/RA V South Boundary monitoring wells, Current Landfill monitoring well data are included since this is one of the sources of the OU I/RA V plume. During the 2nd Quarter, three individual VOCs were above New York State (NYS) Ambient Water Quality Standards (AWQS) in two of the Current Landfill monitoring wells, 087-11 and 088-109. In well 088-109, 1,1-Dichloroethane was detected above the AWQS (5 µg/L) at a concentration of 6.68 µg/L, and chloroethane was detected above the AWQS (5 µg/L) at a concentration of 17 µg/L. In well 087-11 benzene was detected above the AWQS (1 µg/L) at a concentration of 1.66 µg/L. Strontium-90 (Sr-90) samples will be collected during the third and fourth quarter of 2025 for the OUI/RA V South Boundary monitoring wells.

The OU I/RA V South Boundary monitoring well network is shown on **Figure 3.1-1**. The 'Hits Only' 2nd Quarter 2025 data are summarized in **Table 3.1-1** provided in **Appendix B**.

Planned Operational Changes:

- Install temporary wells and/or permanent monitoring wells as needed to fill in monitoring data gaps and track the extent of the Sr-90 plume migrating south of the former HWMF.

3.2 OU III South Boundary Pump & Treat System

Process:	Groundwater extraction with air stripping treatment. Water is co-treated with the OU III Middle Road and Western South Boundary process water and the treated effluent is discharged to both the OU III and RA V recharge basins.
Goal:	Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).
Start Date:	June 1997
Status:	Active, one extraction well (EW-17) is in full-time operation. Extraction wells that have been placed in standby: EW-12 (2003), EW-8 (2006), EW-6 (2007), EW-7 (2007), EW-3 (2015), EW-5 (2015), and EW-4 (2021).

System Operations:

Table 3.2-1 – 2nd Quarter Pumping Rates

Extraction Well ID:		**EW-17**
Site ID:		121-46
Screen Interval (ft bls):		207-237
Desired Flow:		150
Monthly Average	April	144
	May	149
	June	129
Quarterly Average		**141**

Notes:
Flow is reported in gallons per minute (gpm)
ft bls – feet below land surface

April 2025: The system operated normally with extraction well EW-17 in full-time operation. A combined effluent sample was collected from the OU III South Boundary air stripping tower (095-126) and the system treated approximately 6 million gallons of water.

May 2025: The system operated normally with extraction well EW-17 in full-time operation. A combined effluent sample was collected from the OU III South Boundary air stripping tower (095-126) and the system treated approximately 6 million gallons of water.

June 2025: The system operated normally with extraction well EW-17 in full-time operation. A combined effluent sample was collected from the OU III South Boundary air stripping tower (095-126) and the system treated approximately 6 million gallons of water.

During the 2nd Quarter, the total VOC (TVOC) concentration in standby extraction wells were each less than 50 µg/L capture goal. The TVOC concentration in extraction well EW-17 ranged from 12.7 µg/L to 12.8 µg/L over the quarter. The system treated approximately 18 million gallons of water.

The treatment system 'Hits Only' data, including individual extraction wells, influent, and effluent, is summarized in **Table 3.2-2** through **Table 3.2-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.2-1 - Cumulative Mass Removal of VOCs

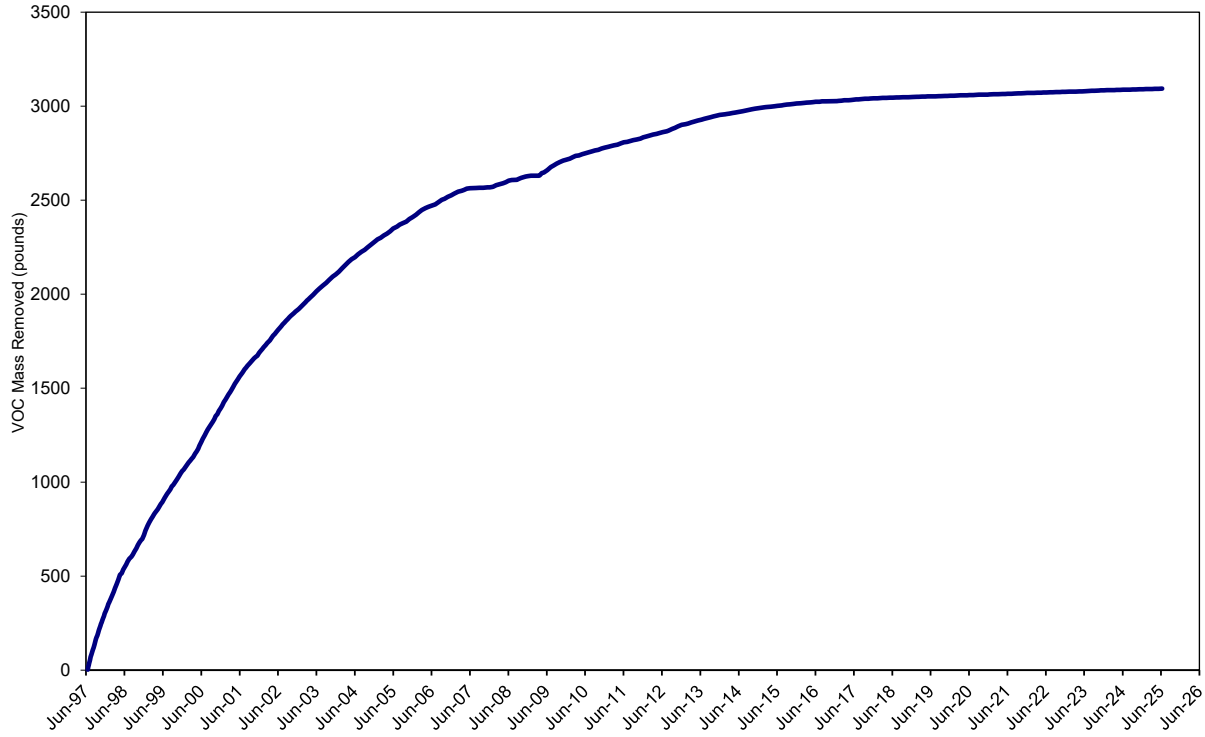


Figure 3.2-2 - Extraction Well TVOC Concentration v. Time

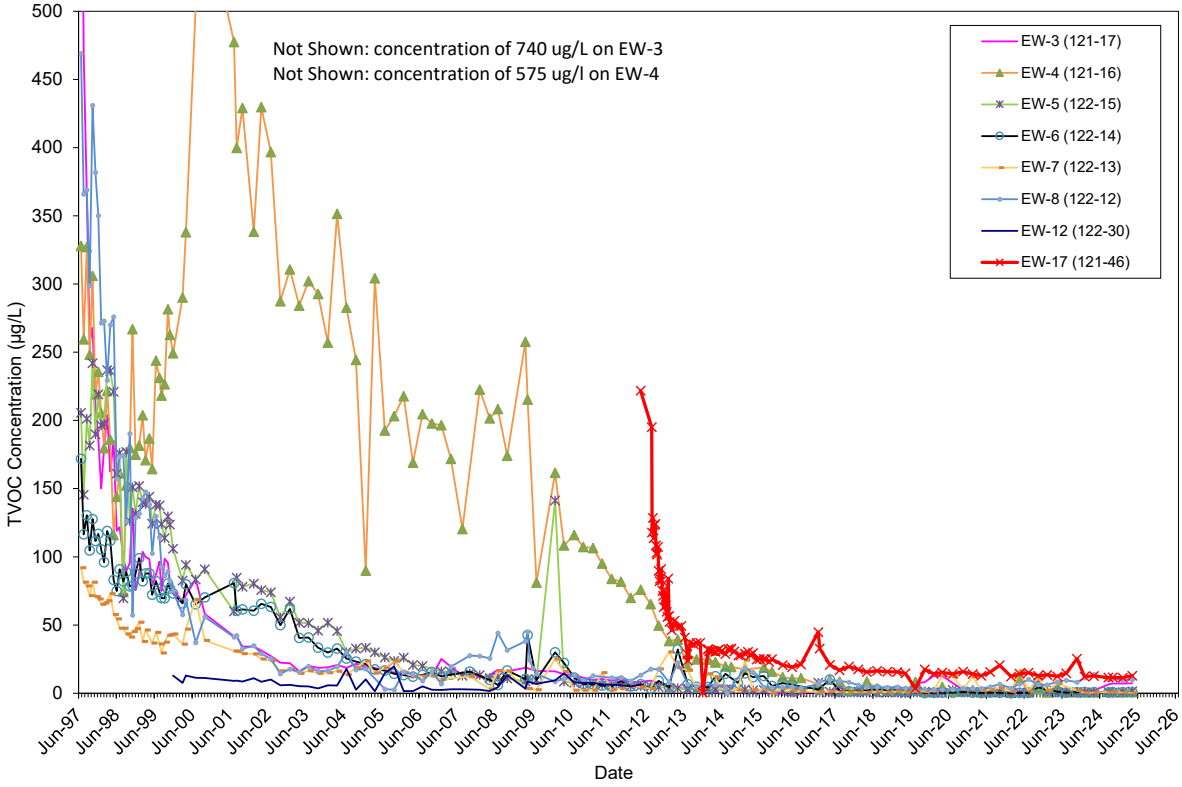


Table 3.2-5 – SPDES Effluent Water Quality

SPDES Equivalency Permit Concentrations - April 1- June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	Monitor	1,080,943[1]	GPD	Continuous
pH (range)	6.5 - 8.5	7.06 – 7.80[2]	SU	Monthly
Carbon Tetrachloride	5.0	<0.50	µg/L	Monthly
Chloroform	7.0	<0.50	µg/L	Monthly
Dichlorodifluoromethane	5.0	<0.50	µg/L	Monthly
1,1-Dichloroethane	5.0	<0.50	µg/L	Monthly
1,1-Dichloroethylene	5.0	<0.50	µg/L	Monthly
Methyl Chloride	5.0	0.2J	µg/L	Monthly
Tetrachloroethylene	5.0	<0.50	µg/L	Monthly
Toluene	5.0	<0.50	µg/L	Monthly
1,1,1-Trichloroethane	5.0	<0.50	µg/L	Monthly
1,1,2 Trichloroethane	5.0	<0.50	µg/L	Monthly
Trichloroethylene	10.0	<0.50	µg/L	Monthly

Notes:
< - analyte not detected.
[1] - The maximum monthly combined average flow rate for the OU III South Boundary, Middle Road, and Western South Boundary Systems, during the operational period.
[2] - The minimum and maximum pH values during the operational period.
J – Value is estimated.

Monitoring Activities:

The OU III South Boundary monitoring well that showed the highest TVOC concentration was in plume core monitoring well 121-53 at a concentration of 170 µg/L, upgradient of extraction well EW-17. The highest individual VOC concentration detected in this well was tetrachloroethylene (PCE) at 146 µg/L. In plume core monitoring well 121-57, the TVOC concentration was 35 µg/L during the 2nd Quarter. The TVOC concentration in monitoring well 121-54, approximately 200 feet to the east and at a similar depth to monitoring well 121-53, was 41 µg/L. The concentration of PCE was 36 µg/L in this well.

The OU III South Boundary monitoring well network is shown on **Figure 3.2-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.2-6** provided in **Appendix B**.

Planned Operational Changes:

- None, continue to operate EW-17 on a full-time basis.

3.3 OU III Middle Road Pump & Treat System

Process: Groundwater extraction with air stripping treatment. Water is co-treated with the OU III South Boundary and Western South Boundary process water and the treated effluent is discharged to both the OU III and RA V recharge basins.

Goal: Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).

Start Date: October 2001

Status: Active, three extraction wells (RW-2, RW-3, and RW-7) are in full time operation. Extraction wells that have been placed in standby: RW-4 and RW-5 (2003), RW-6 (2006), RW-1 (2015)

System Operations:

Table 3.3-1 – 2nd Quarter Pumping Rates

Extraction Well ID:		**RW-2**	**RW-3**	**RW-7**
Site ID:		113-24	113-25	113-33
Screen Interval (ft bls):		170-200	228-268	202-222
Desired Flow:		150	125	150
Monthly Average	April	121	138	142
	May	136	143	128
	June	103	138	101
Quarterly Average		**120**	**140**	**124**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: The system was on with extraction wells RW-2, RW-3 and RW-7 in full-time operation. A combined effluent sample was collected from OU III South Boundary air stripping tower (095-126) and the system treated approximately 17 million gallons of water.

May 2025: The system was on with extraction wells RW-2, RW-3 and RW-7 in full-time operation. A combined effluent sample was collected from OU III South Boundary air stripping tower (095-126) and the system treated approximately 18 million gallons of water.

June 2025: Extraction wells RW-2 and RW-3 were in full-time operation. RW-7 was off for repairs during the first week of the month. A combined effluent sample was collected from the OU III South Boundary air stripping tower (095-126) and the system treated approximately 15 million gallons of water.

During the 2nd Quarter, the TVOC concentration in standby extraction wells were each below 50 µg/L capture goal. The TVOC concentration in RW-2, RW-3, and RW-7 was 4.5 µg/L, 2.8 µg/L, and 32 µg/L, respectively. The system treated approximately 50 million gallons of water.

The treatment system 'Hits Only' data, including individual extraction wells, influent, and effluent is summarized in **Table 3.3-2** through **Table 3.3-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.3-1 Cumulative Mass Removal of VOCs

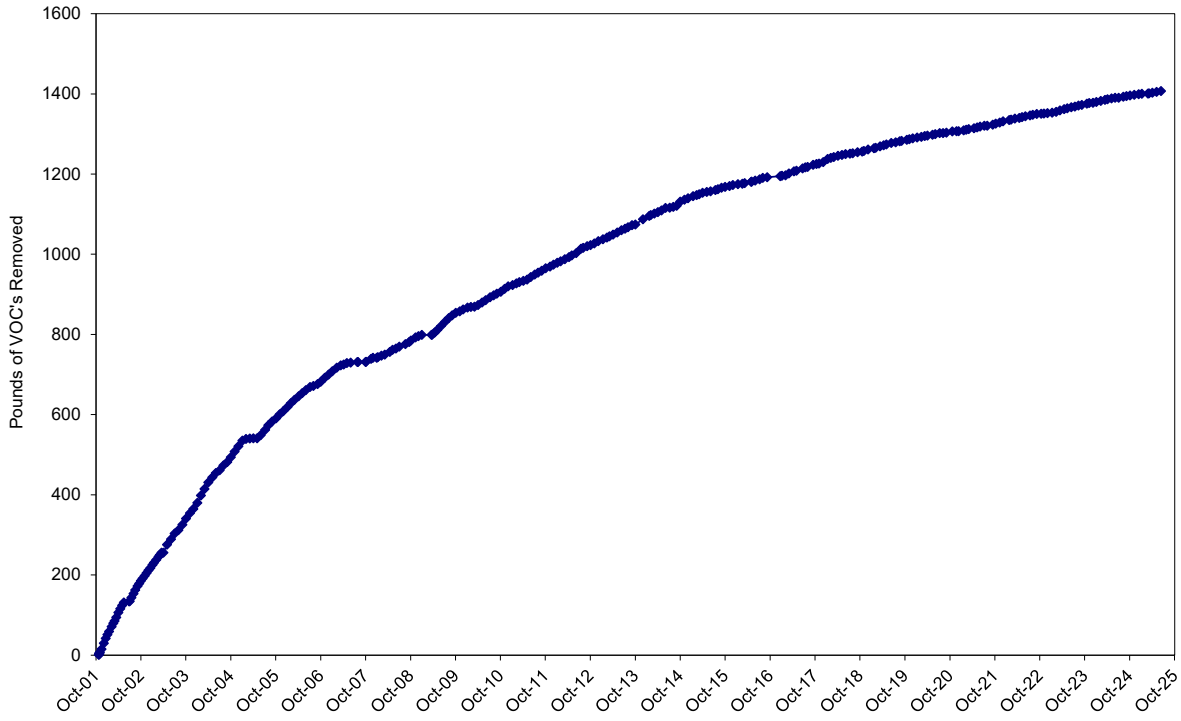


Figure 3.3-2 Extraction Well TVOC Concentration v. Time

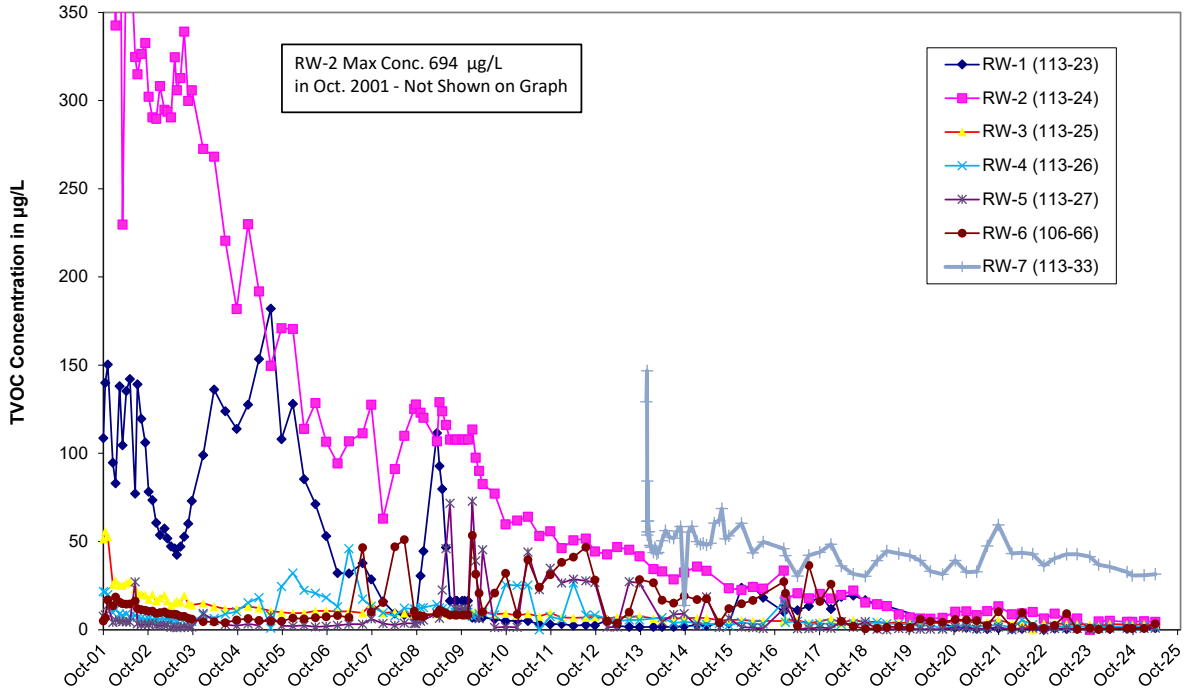


Table 3.3-5 - Effluent Water Quality

SPDES Equivalency Permit Concentrations - April 1 – June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	Monitor	1,080,943[1]	GPD	Continuous
pH (range)	6.5 - 8.5	7.06– 7.80[2]	SU	Monthly
Carbon Tetrachloride	5	<0.50	µg/L	Monthly
Chloroform	7	<0.50	µg/L	Monthly
Dichlorodifluoromethane	5	<0.50	µg/L	Monthly
1,1-Dichloroethane	5	<0.50	µg/L	Monthly
1,1-Dichloroethylene	5	<0.50	µg/L	Monthly
Methyl Chloride	5	0.2J	µg/L	Monthly
Tetrachloroethylene	5	<0.50	µg/L	Monthly
Toluene	5	<0.50	µg/L	Monthly
1,1,1-Trichloroethane	5	<0.50	µg/L	Monthly
1,1,2 Trichloroethane	5	<0.50	µg/L	Monthly
Trichloroethylene	10	<0.50	µg/L	Monthly

Notes:
< - analyte not detected.
[1] - The maximum monthly combined average flow rate for the OU III South Boundary, Middle Road, and Western South Boundary Systems, during the operational period.
[2] The minimum and maximum pH values during the operational period.
J – Value is estimated.

Monitoring Activities:

The OU III Middle Road monitoring well that showed the highest TVOC concentration over the reporting period was 172 µg/L detected in monitoring well 105-80, installed upgradient of RW-7. The highest individual VOC concentration in this sample was PCE at 131 µg/L. Plume core monitoring well 105-68, which is adjacent to 105-80, had a TVOC concentration of 106 µg/L. The highest individual VOC concentration in this well was PCE, at 93 µg/L. Wells 105-66 and 105-67, located east of 105-80, also showed TVOC concentrations at 103 µg/L, and 50 µg/L, respectively.

The OU III Middle Road monitoring well network is shown on **Figure 3.3-3**. The 'Hits Only' 2nd Quarter data are summarized in **Table 3.3-6** provided in **Appendix B**.

Planned Operational Changes:

- As recommended in the 2024 Groundwater Status Report, place extraction well RW-3 in standby mode.

3.4 OU III Western South Boundary Pump & Treat System

Process: Groundwater extraction with air stripping treatment. Water is co-treated with the OU III Middle Road and South Boundary process water and the treated effluent is discharged to both the OU III and RA V recharge basins.

Goal: Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).

Start Date: September 2002 (WSB-1 and WSB-2)
March 2019 (WSB-3 – WSB-6)

Status: Active; extraction wells WSB-3 through WSB-6 are operating in pulsed pumping mode. Extraction wells that have been placed in standby: WSB-2 (2016); WSB-1 (2024)

System Operations:

Table 3.4-1- 2nd Quarter Pumping Rates

Extraction Well ID:		**WSB-3**	**WSB-4**	**WSB-5**	**WSB-6**
Site ID:		111-17	119-13	130-12	130-13
Screen Interval (ft bls):		168-188	170-190	160-190	196-216
Desired Flow:		75	75	75	75
Monthly Average	April	0	106	0	99
	May	26	0	99	4
	June	0	115	0	135
Quarterly Average		**9**	**74**	**33**	**79**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: The system was pulse pumping with WSB-4 and WSB-6 on, and WSB-3 and WSB-5 off. A combined effluent sample was collected from the OU III South Boundary air stripping tower (095-126) and the system treated approximately 9 million gallons of water.

May 2025: Extraction well WSB-3 was off for repairs during the first two weeks of the month. The system operated normally in pulsed pumping mode during the remainder of the month with extraction wells WSB-3 and WSB-5 on and WSB-4 and WSB-6 off. A combined effluent sample was collected from the OU III South Boundary air stripping tower (095-126) and the system treated approximately 6 million gallons of water.

June 2025: The system operated normally in pulsed pumping mode during the month with extraction wells WSB-4 and WSB-6 on, and WSB-3 and WSB-5 off. A combined effluent sample was collected from OU III South Boundary Road air stripping tower (095-126) and the system treated approximately 11 million gallons of water.

During the 2nd Quarter, the TVOC concentration was well below the 20 µg/L capture goal in each of the extraction wells. The system treated approximately 26 million gallons of water.

The treatment system 'Hits Only' data, including individual extraction wells, influent, and effluent is summarized in **Table 3.4-2** through **Table 3.4-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.4-1 Cumulative Mass Removal of VOCs

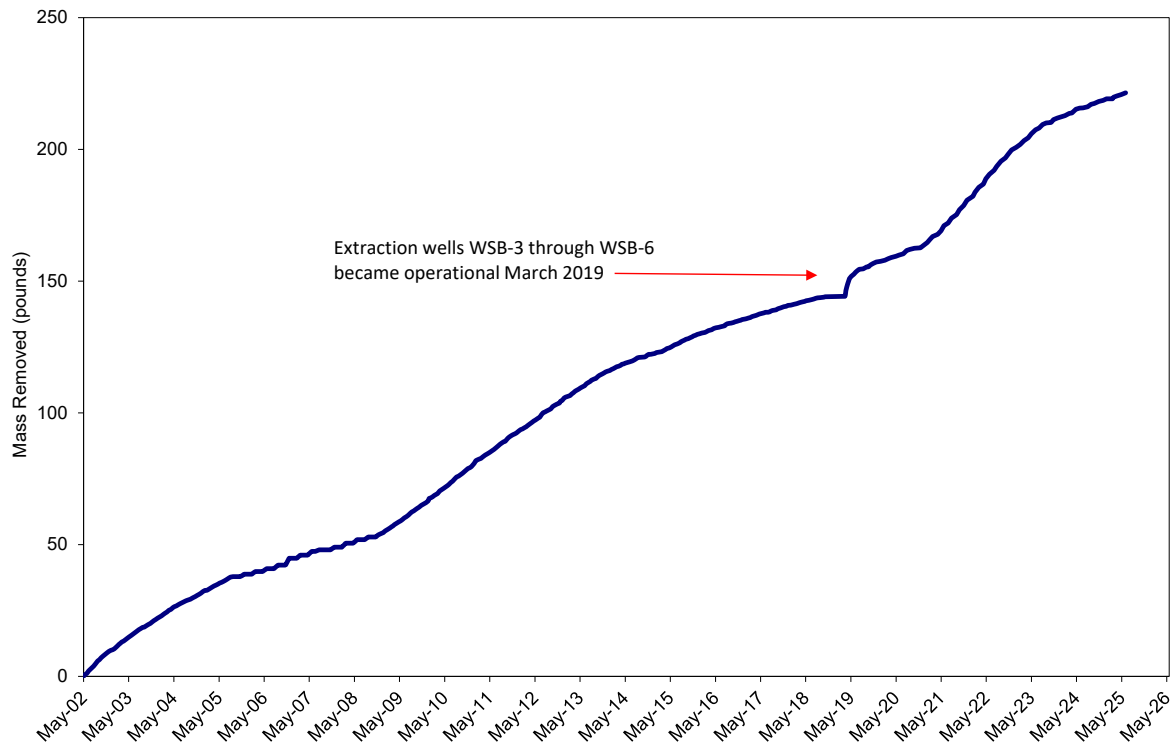


Figure 3.4-2 Extraction Well TVOC Concentration v. Time

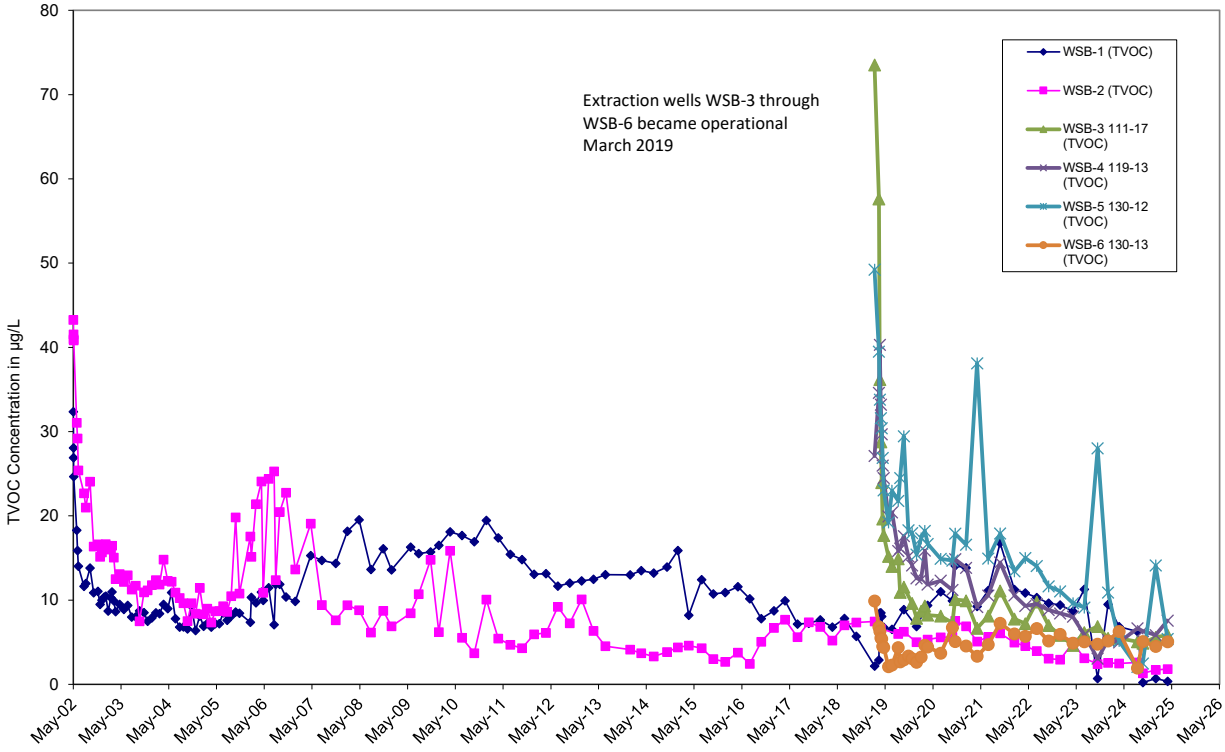


Table 3.4-5 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	Monitor	1,080,943[1]	GPD	Continuous
pH (range)	6.5 - 8.5	7.06-7.80[2]	SU	Monthly
Carbon Tetrachloride	5.0	<0.50	µg/L	Monthly
Chloroform	7.0	<0.50	µg/L	Monthly
Dichlorodifluoromethane	5.0	<0.50	µg/L	Monthly
1,1-Dichloroethane	5.0	<0.50	µg/L	Monthly
1,1-Dichloroethylene	5.0	<0.50	µg/L	Monthly
Methyl Chloride	5.0	0.2J	µg/L	Monthly
Tetrachloroethylene	5.0	<0.50	µg/L	Monthly
Toluene	5.0	<0.50	µg/L	Monthly
1,1,1-Trichloroethane	5.0	<0.50	µg/L	Monthly
1,1,2 Trichloroethane	5.0	<0.50	µg/L	Monthly
Trichloroethylene	10.0	<0.50	µg/L	Monthly

Notes:
[1] The maximum monthly combined average flow for the OU III Middle Road, South Boundary, and Western South Boundary Systems during the operational period.
[2] The minimum and maximum pH values during the operational period.
< - The analyte was not detected.
J – Value is estimated.

Monitoring Activities:

The OU III Western South Boundary monitoring well data reported TVOC concentrations below the 20 µg/L capture goal in each of the program monitoring wells during the 2nd Quarter. The highest concentration of individual VOCs was 1,1-dichloroethylene (1,1-DCE) observed in monitoring well 119-11 at 8.9 µg/L. The highest concentration of dichlorodifluoromethane (Freon-12) was 8.3 µg/L in well 000-558 and the highest concentration of trichloroethylene (TCE) was 5 µg/L in well 103-15.

The OU III Western South Boundary monitoring well network is shown in **Figure 3.4-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.4-6** provided in **Appendix B**.

Planned Operational Changes:

- None, continue the current pulsed pumping schedule. Based on the operational and monitoring data, a petition for shutdown will be submitted.

3.5 OU III Industrial Park In-Well Air Stripping & Pump and Treat Systems

Process:	Groundwater extraction and in-well air stripping treatment with effluent discharge in the same well (recirculating well technology) for wells UVB-1 through UVB-7. Groundwater extraction and liquid phase granular activated carbon (GAC) treatment with effluent discharge to injection wells for wells EW-8 and EW-9.
Goal:	Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030), and 65 years for the Magothy aquifer (by 2065).
Start Date:	September 1999
Status:	The system is currently in standby mode.

System Operations:

April through June 2025: Recirculation wells UVB-1 through UVB-7, and extraction wells EW-8, and EW-9 remained in standby mode. All nine wells were turned on temporarily to facilitate sampling for quarterly monitoring. During the 2nd Quarter, the TVOC concentration in recirculation wells UVB-1 through UVB-7, and extraction wells EW-8 and EW-9 were each below the capture goal of 50 µg/L. The highest TVOC concentration was 2.6 µg/L observed in EW-9.

The treatment system 'Hits Only' extraction well and influent well data is summarized in **Table 3.5-1 and 3.5-2** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.5-1 Cumulative Mass Removal of VOCs

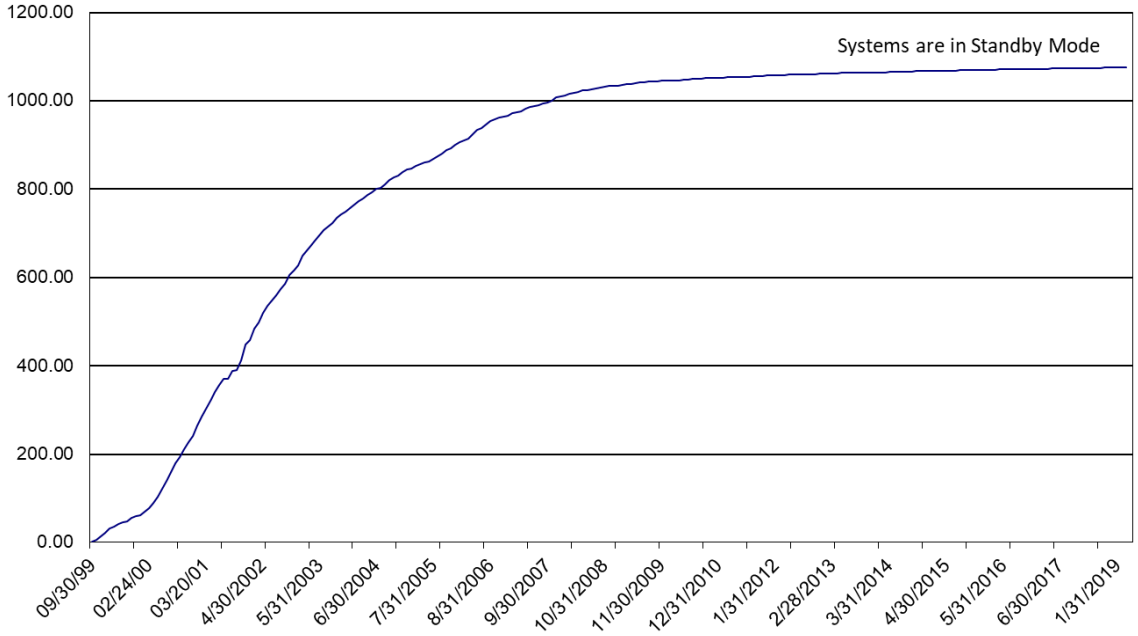
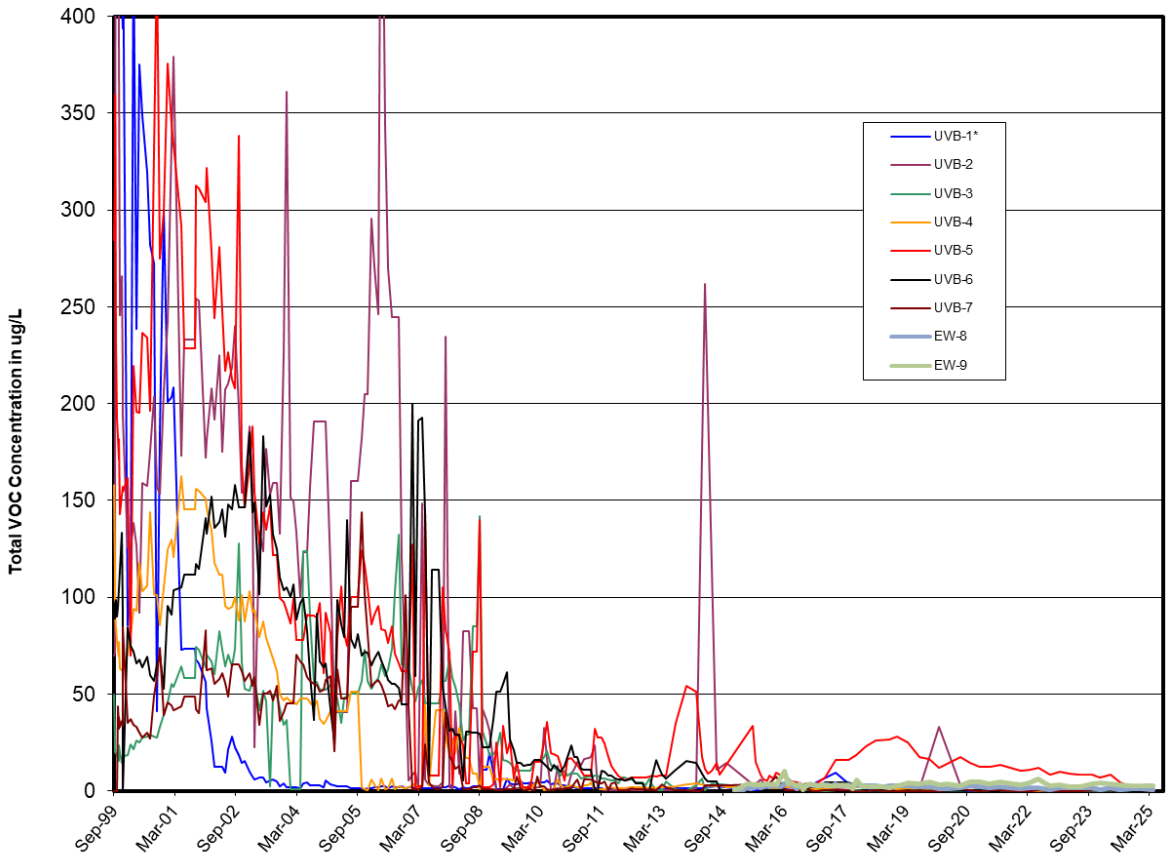


Figure 3.5-2 Extraction Well TVOC Concentration v. Time



*Startup concentrations for UVB-1 are not illustrated on this graph.
TVOC concentration of 1,900 µg/L in September 1999, and 1,485 µg/L in October 1999.

Monitoring Activities:

During the 2nd Quarter, the highest TVOC concentration was detected in monitoring well 000-537 at a concentration of 38 µg/L. The OU III Industrial Park monitoring well network is shown on **Figure 3.5-3**.

The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.5-3** provided in **Appendix B**.

Planned Operational Changes

- None, continue to maintain the system in standby mode. Based on the operational and monitoring data, a petition for closure will be submitted.

3.6 OU III Building 96 Pump & Treat System

Process: Three recirculation extraction wells (RTW-2, RTW-3, and RTW-4) are each connected to individual shallow tray air-stripping units with effluent discharge to the same well. In 2008, extraction well (RTW-1) was converted from a recirculation well to an extraction well connected to a shallow tray air-stripping unit with effluent discharge to a drainage channel directed to recharge basin HS.

Goal: Remediation of VOCs in the source area and reaching MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).

Start Date: February 2001.

Status: Active; extraction well RTW-1 began operating in a pulsed pumping mode in May 2022. Extraction wells that have been placed in standby: RTW-2 was placed in standby in 2016, restarted in 2018, and placed back in standby in 2020; RTW-3 (2016); and RTW-4 (2012).

System Operations:

Table 3.6-1 – 2nd Quarter Pumping Rates

Extraction Well ID:		**RTW-1**
Site ID:		095-151
Screen Interval (ft bls):		48-58
Desired Flow:		60
Monthly Average	April	0
	May	60
	June	0
Quarterly Average		**20**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025 – June 2025: RTW-1 ran normally for the quarter running full time in May and off for pulsed pumping during the months of April and June. The three remaining extraction wells (RTW-2, RTW-3 and RTW-4) were maintained in standby mode and were temporarily turned on to facilitate sampling during the 2nd Quarter on April 21st.

During the 2nd Quarter, the maximum TVOC concentration in RTW-1 was 3.2 µg/L. The maximum concentration of PCE, the primary VOC in this area, was 3 µg/L detected in RTW-2. PCE was detected in RTW-1 at a concentration at 1.7 µg/L. PCE was reported as an estimated value in RTW-4 and RTW-3 at concentrations of 0.17 µg/L and 0.3 µg/L, respectively. The system treated approximately 2.6 million gallons of water.

The treatment system 'Hits Only' data, including individual extraction and recirculation wells, influent, and effluent is shown in **Table 3.6-2** and **Table 3.6-3** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.6-1 Cumulative Mass Removal of VOCs

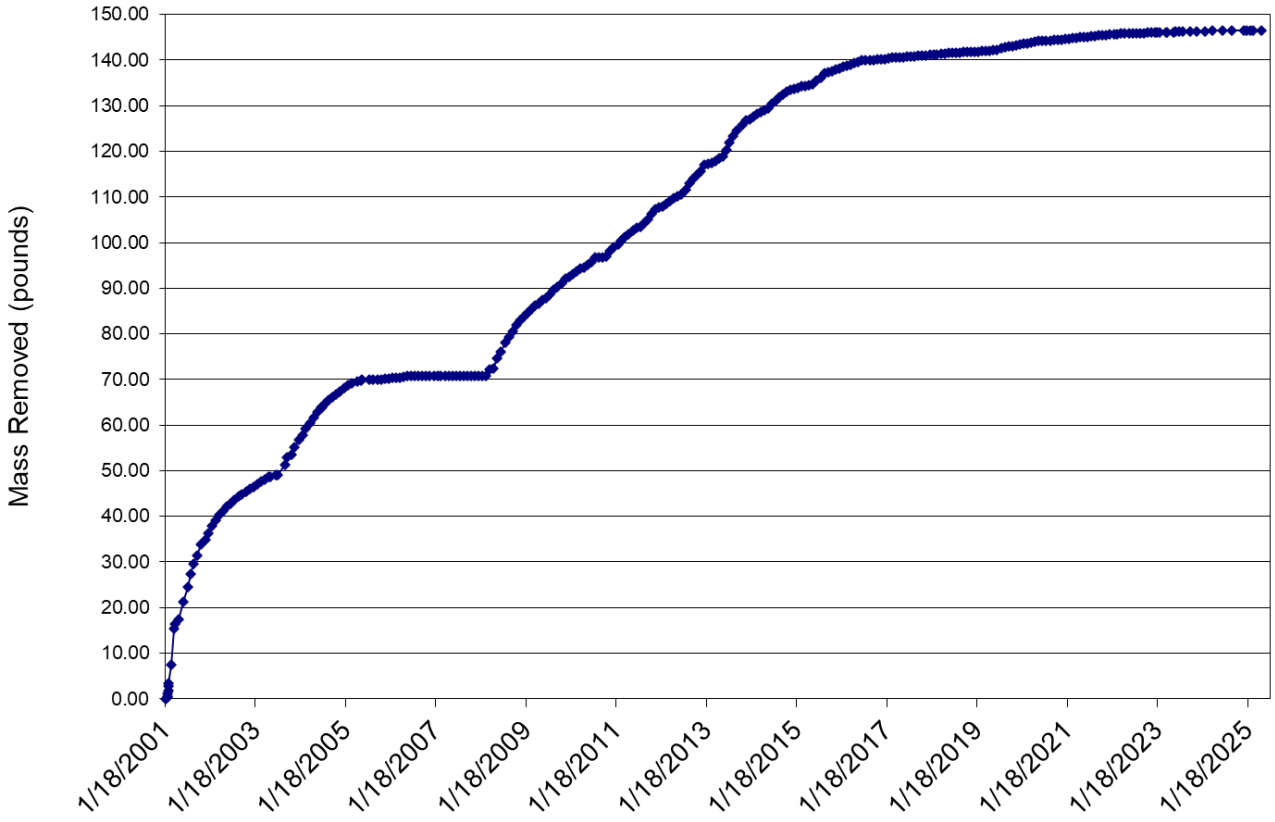


Figure 3.6-2 Extraction Well TVOC Concentration v. Time

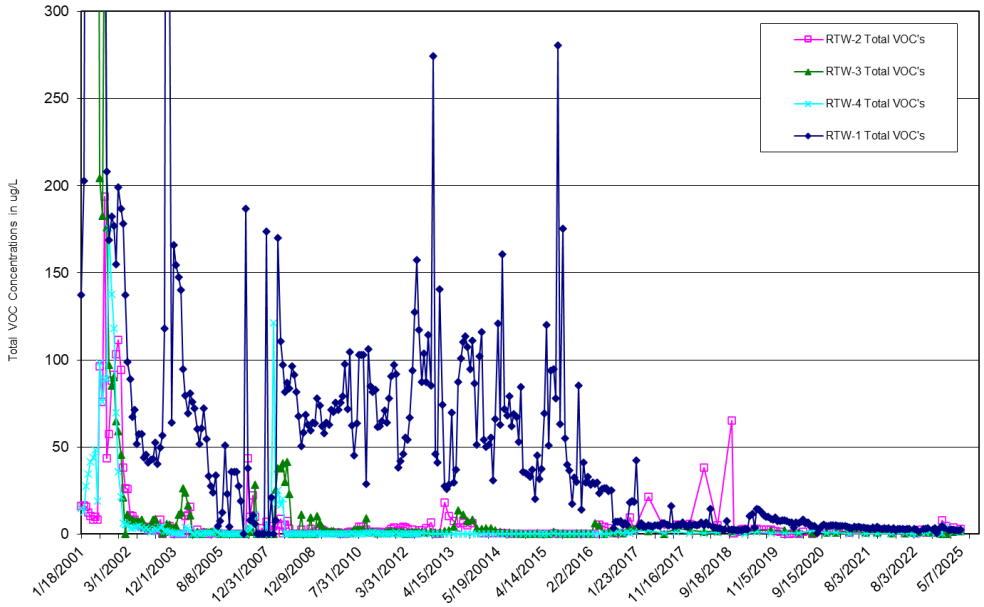


Table 3.6-4 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	65	60	GPM	Continuous
pH (range)	5.0 - 8.5	7.9[1]	SU	Monthly
Tetrachloroethylene	5.0	<0.50	µg/L	Monthly
1,1,1-Trichloroethane	5.0	<0.50	µg/L	Monthly
Thallium, Total	Monitor	<0.50	µg/L	Monthly
Trichlorofluoromethane	5.0	<0.50	µg/L	Monthly
Methyl Bromide	5.0	<0.50	µg/L	Monthly
Methyl Chloride	5.0	<0.50	µg/L	Monthly
Methylene Chloride	5.0	<0.50	µg/L	Monthly
1,2-Dichloroethane	0.6	<0.50	µg/L	Monthly
PFOS	Monitor	8.9[2]	ng/L	Quarterly
PFOA	Monitor	4[2]	ng/L	Quarterly

Notes:
[1] The minimum and maximum pH values during the operational period.
[2] One effluent sample was collected on May 7, 2025 and analyzed for PFOS, and PFOA for quarterly monitoring in compliance with the Groundwater Treatment System Compliance Plan dated December 20, 2024.
< - The analyte was not detected.

Monitoring Activities:

During the 2nd Quarter, the highest concentration of PCE in the Building 96 monitoring wells was 18 µg/L in well 095-159. PCE was not detected in the source area monitoring well 085-379 during the monitoring period. There were two detections of trichlorofluoromethane (Freon-11) during monitoring period. The highest concentration of Freon-11 was detected in monitoring well 085-382 at a concentration of 0.81 µg/L. The OU III Building 96 monitoring well network is shown on **Figure 3.6-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.6-5** provided in **Appendix B**.

Planned Operational Changes:

- None.

3.7 OU III North Street East EDB Pump & Treat System

Process: Groundwater extraction and liquid phase GAC treatment for EDB with effluent discharge to injection wells.

Goal: Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).

Start Date: June 2004 (VOCs)
July 2020 (EDB)

Status: Active; two extraction wells, NSE-EDB-EW-3 and NSE-EDB-EW-4, are operating in pulsed pumping mode (one month on and one month off).
The original VOC treatment system (NSE-1 and NSE-2) met cleanup objectives for VOCs and was administratively closed in 2019.

System Operations:

Table 3.7-1 – 2nd Quarter Pumping Rates

Extraction Well		**NSE-EDB-EW-3**	**NSE-EDB-W-4**
Site ID:		000-561	000-562
Screen Interval (ft bls):		195-215	182-202
Desired Flow:		100	100
Monthly Average	April	88	114
	May	0	0
	June	85	115
Quarterly Average		58	76

Notes:
Flow is report in gpm
ft bls – feet below land surface

April 2025: Extraction wells NSE-EDB-EW-3 and NSE-EDB-EW-4 operated normally for the month. The system treated approximately 9 million gallons of water.

May 2025: Extraction wells NSE-EDB-EW-3 and NSE-EDB-EW-4 were turned off for pulse pumping.

June 2025: Extraction wells NSE-EDB-EW-3 and NSE-EDB-EW-4 operated normally for the month. The system treated approximately 9 million gallons of water.

During the 2nd Quarter, EDB was not detected in NSE-EDB-EW-3. EDB was detected in NSE-EDB-EW-4 at an estimated concentration of 0.0058 µg/L. The TVOC concentration ranged from 1.6 µg/L in NSE-EDB-EW-3 to 1.9 µg/L in NSE-EDB-EW-4. The system treated approximately 18 million gallons of water.

The treatment system 'Hits Only' data, including extraction wells, influent, and effluent is summarized in **Table 3.7-2** through **Table 3.7-4** provided in **Appendix B**.

A summary of the system's cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.7-1 Cumulative Mass Removal of VOCs

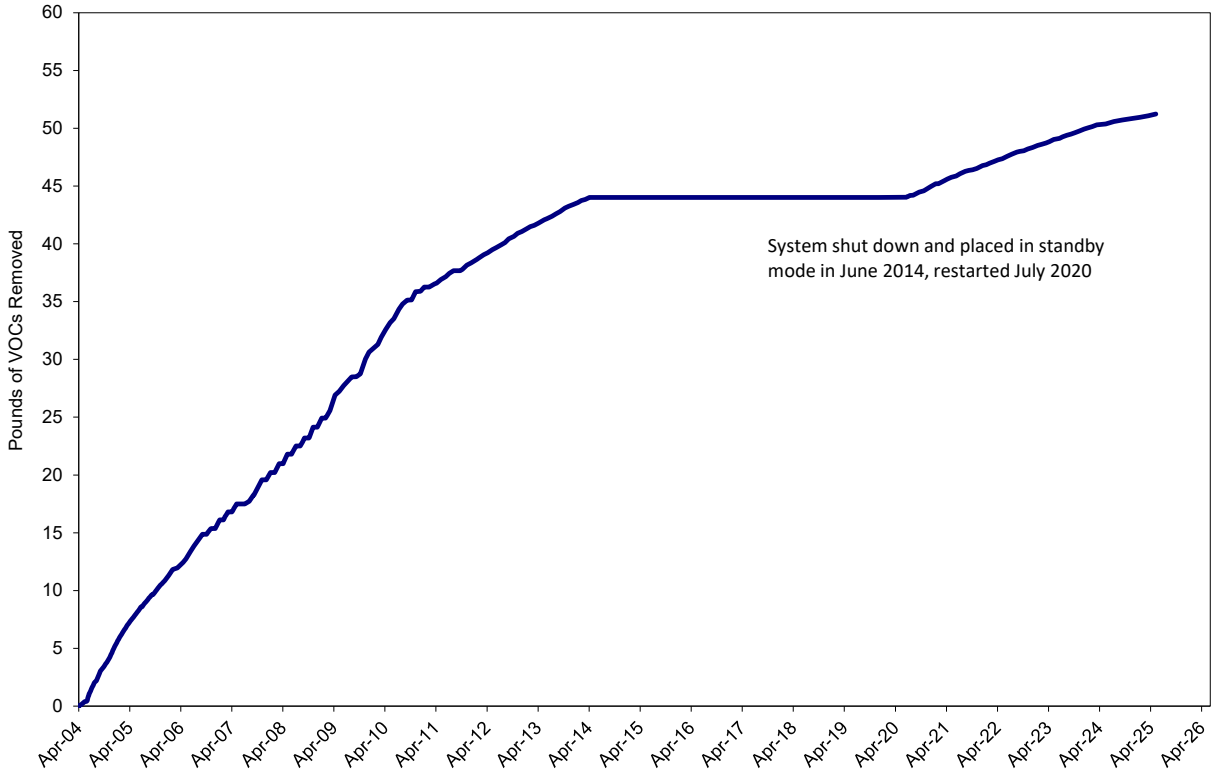


Figure 3.7-2 Extraction Well TVOC Concentration v. Time

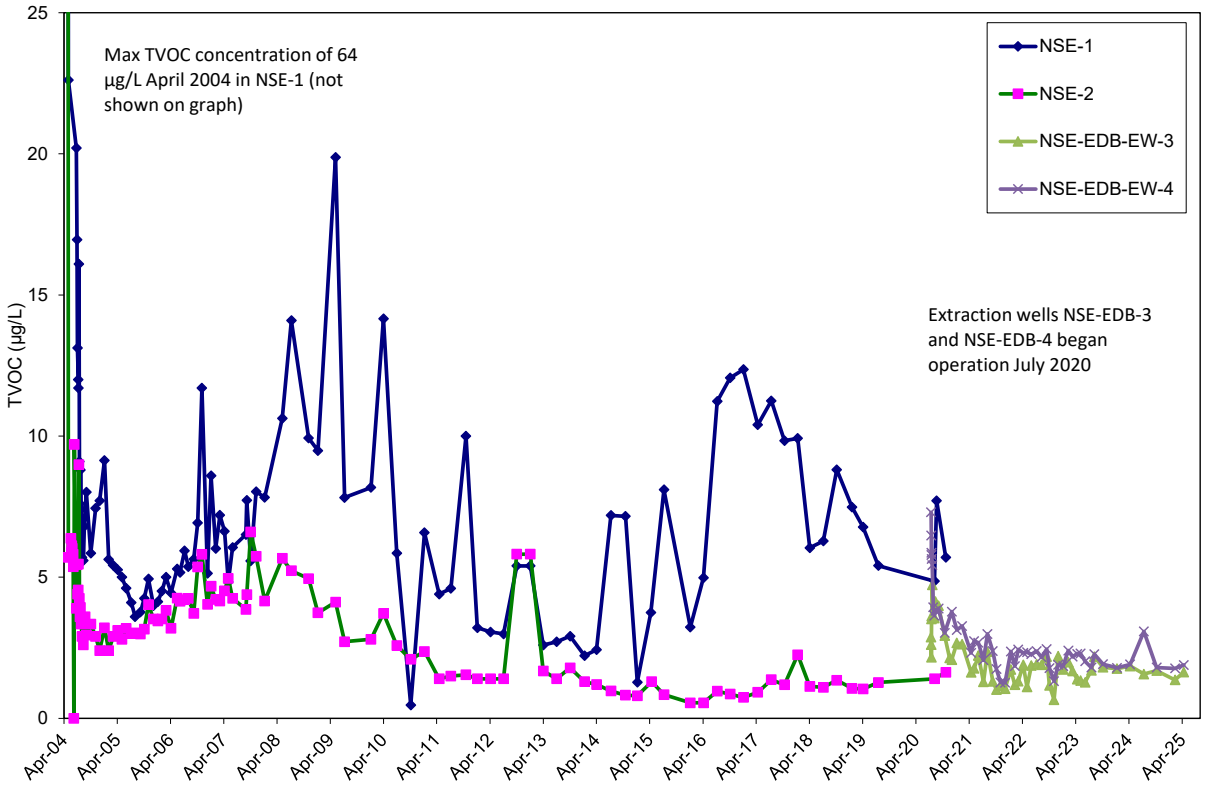


Figure 3.7-3 Extraction Well EDB Concentrations vs. Time

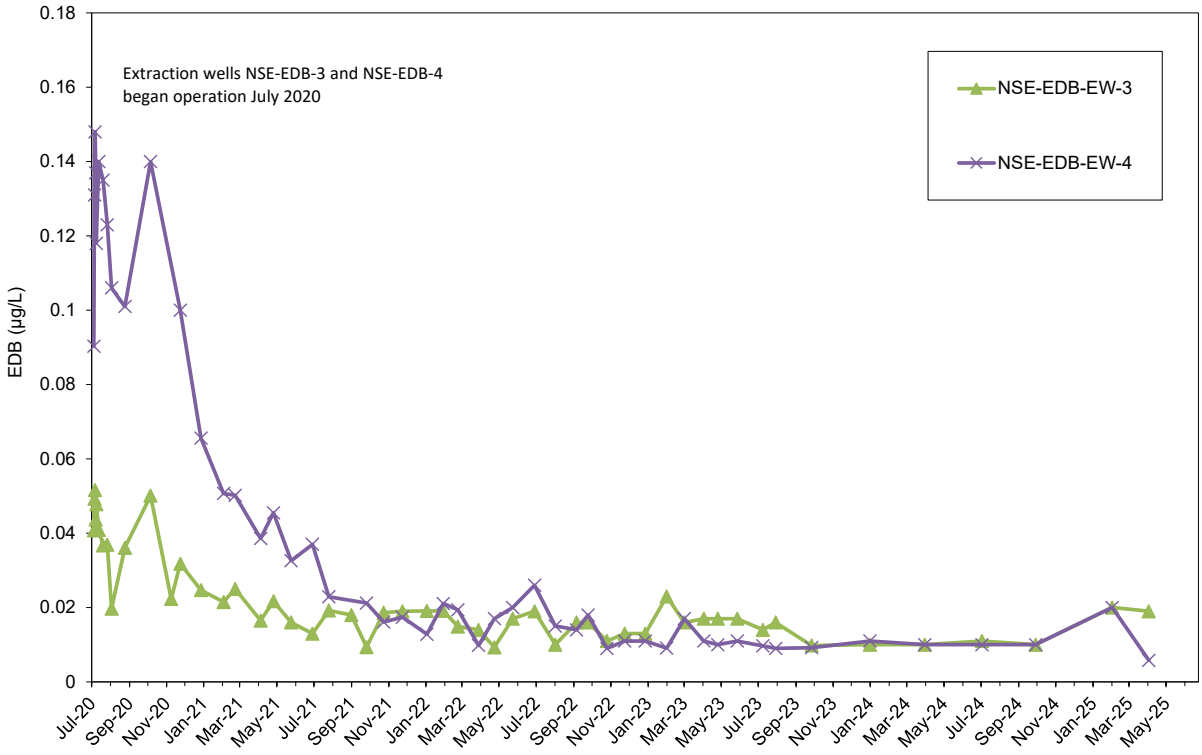


Table 3.7-5 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit Monthly Avg.	Permit Limit Daily Avg.	Max. Measured Value	Units	Frequency
Flow	Monitor	400	202[1]	GPM	Continuous
pH (range)	Monitor	5.5 to 8.5	5.75 – 5.79[2]	SU	Monthly
Carbon Tetrachloride	Monitor	5	<0.5	µg/L	Monthly
Chloroform	Monitor	7	<0.5	µg/L	Monthly
1,1-Dichloroethane	Monitor	5	<0.5	µg/L	Monthly
1,2-Dichloroethane	Monitor	0.6	<0.5	µg/L	Monthly
1,1-Dichloroethylene	Monitor	5	<0.5	µg/L	Monthly
Ethylene Dibromide (EDB)	Monitor	0.005	<0.020	µg/L	Monthly
Tetrachloroethylene	Monitor	5	<0.5	µg/L	Monthly
Toluene	Monitor	5	<0.5	µg/L	Monthly
1,1,1-Trichloroethane	Monitor	5	<0.5	µg/L	Monthly
Trichloroethylene	Monitor	5	<0.5	µg/L	Monthly
1,4-Dioxane	Monitor	0.35	0.43	µg/L	Quarterly
Perfluorooctanoic acid (PFOA)	Monitor	6.7	<1.6	ng/L	Quarterly
Perfluorooctane sulfonic acid (PFOS)	Monitor	2.7	<1.6	ng/L	Quarterly
Perfluorobutanoic Acid (PFBA)	Monitor	Monitor	<3.2	ng/L	Quarterly
Perfluoropentanoic Acid (PFPeA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorohexanoic Acid (PFHxA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoroheptanoic Acid (PFHpA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoro-nonanoic Acid (PFNA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoro-decanoic Acid (PFDA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoroundecanoic Acid (PFUnA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorododecanoic Acid (PFDoA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorotridecanoic Acid (PFTiA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorotetradecanoic Acid (PFTeA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorobutanesulfonic Acid (PFBS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoropentanesulfonic Acid (PFPeS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorohexanesulfonic Acid (PFHxS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoroheptanesulfonic Acid (PFHpS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorononanesulfonic Acid (PFNS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorodecanesulfonic Acid (PFDS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorododecanesulfonic Acid (PFDoS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluorooctanesulfonamide (FOSA)	Monitor	Monitor	<1.6	ng/L	Quarterly
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	Monitor	Monitor	<1.6	ng/L	Quarterly
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	Monitor	Monitor	<1.6	ng/L	Quarterly

Parameter	Permit Limit Monthly Avg.	Permit Limit Daily Avg.	Max. Measured Value	Units	Frequency
1H,1H,2H,2H-Fluorotelomer Sulfonic Acid (4:2 FTS)	Monitor	Monitor	<3.2	ng/L	Quarterly
1H,1H,2H,2H- Fluorotelomer Sulfonic Acid (6:2 FTS)	Monitor	Monitor	<3.2	ng/L	Quarterly
1H,1H,2H,2H- Fluorotelomer Sulfonic Acid (8:2 FTS)	Monitor	Monitor	<3.2	ng/L	Quarterly
N-ethyl Perfluoro-octanesulfon- amide (NEtFOSA)	Monitor	Monitor	<1.6	ng/L	Quarterly
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	Monitor	Monitor	<1.6	ng/L	Quarterly
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	Monitor	Monitor	<7.9	ng/L	Quarterly
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	Monitor	Monitor	<7.9	ng/L	Quarterly
9-Chlorohexadecafluoro-3- Oxanone-1-Sulfonic Acid (9Cl- PF3ONS)	Monitor	Monitor	<1.6	ng/L	Quarterly
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA or GenX)	Monitor	Monitor	<1.2	ng/L	Quarterly
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	Monitor	Monitor	<1.6	ng/L	Quarterly
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	Monitor	Monitor	<1.6	ng/L	Quarterly
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	Monitor	Monitor	<3.2	ng/L	Quarterly
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	Monitor	Monitor	<7.9	ng/L	Quarterly
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	Monitor	Monitor	<7.9	ng/L	Quarterly
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	Monitor	Monitor	<1.6	ng/L	Quarterly
Perfluoro(2-Ethoxyethane) Sulfonic Acid (PFEESA)	Monitor	Monitor	<1.6	ng/L	Quarterly

Notes:
[1]The maximum monthly average flow rate during the operational period.
[2] Minimum to maximum value for pH during this operational period.
< = Analyte not detected.

Monitoring Activities:

The 2nd Quarter monitoring well analytical results showed EDB detected in monitoring well 000-394 at an estimated concentration of 0.011 µg/L.

The OU III North Street EDB monitoring well network is shown in **Figure 3.7-4** and the 2nd monitoring well data are provided in **Appendix B**.

Planned Operational Changes:

- None, continue the current pulsed pumping schedule. Based on the operational and monitoring

data, a petition for shutdown will be submitted.

3.8 OU III LIPA Pump & Treat System (Closed)

Process:	Groundwater extraction and liquid phase GAC treatment. Water is co-treated with the OU III Airport process water and the treated effluent is discharged to injection wells.
Goal:	Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030), and within 65 years for the Magothy aquifer (by 2065).
Start Date:	August 2004
Status:	Closed. All LIPA extraction wells have been placed in standby as of 2017. A Petition for Closure of LIPA system was approved by the regulators in December 2024.

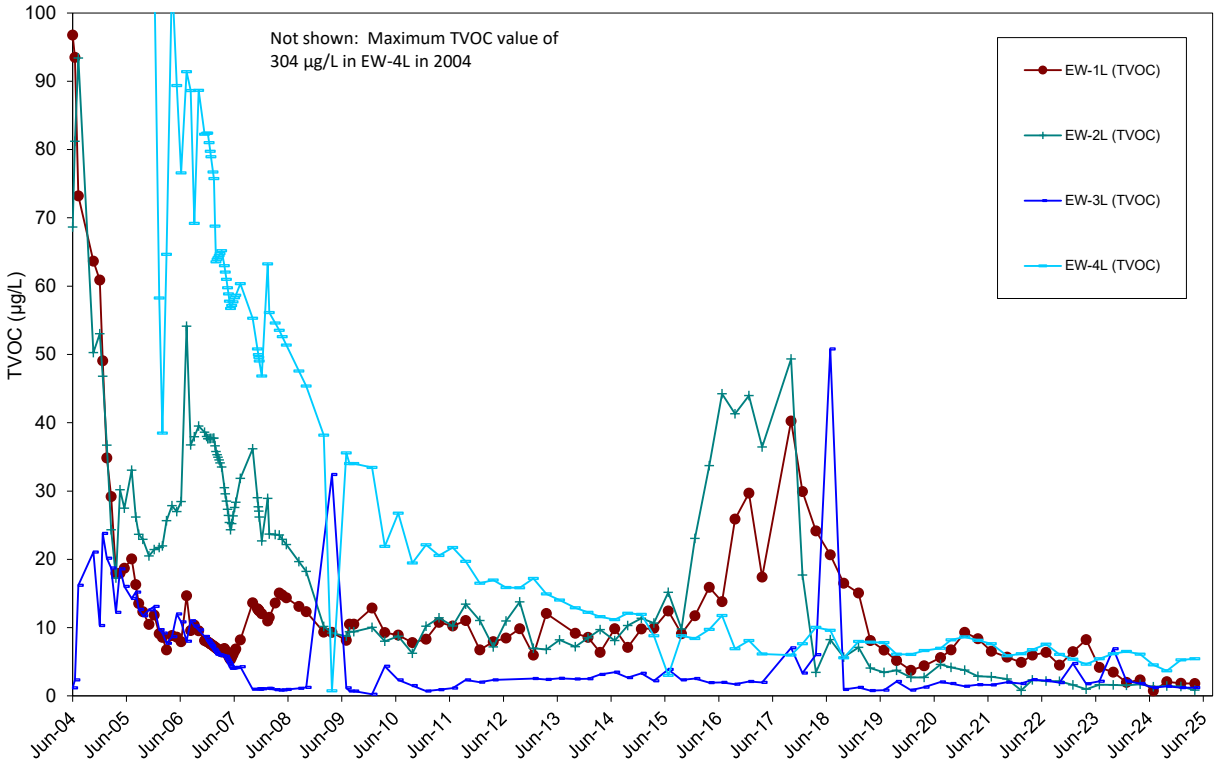
System Operation:

April through June 2025: The system is administratively closed as approved by the regulators in December 2024. However, the extraction wells were each turned on temporarily to facilitate sampling. During the 2nd Quarter, TVOC concentrations remained below the 50 µg/L capture goal and individual VOCs remained below their MCLs.

The treatment system 'Hits Only' data, including individual extraction wells is summarized in **Table 3.8-1** provided in **Appendix B**.

Historically, the cumulative mass of VOCs removed from the aquifer for this system has been calculated based on the combined influent from the OU III LIPA and Airport treatment systems. Therefore, a summary of the combined LIPA and Airport cumulative mass removal is provided in **Section 3.9**. A summary of the LIPA extraction well influent TVOC concentrations is provided below:

Figure 3.8-1 LIPA Extraction Well TVOC Concentrations vs. Time



Monitoring Activities:

The LIPA program post closure monitoring wells are scheduled to be sampled in the 4th Quarter of 2025. The OU III LIPA monitoring well network is shown in **Figure 3.8-2**.

Planned Operational Changes:

- None, monitoring wells will be sampled on an annual basis for VOCs during the 4th Quarter.

3.9 OU III Airport Pump & Treat System

Process: Groundwater extraction and liquid phase GAC treatment. Water is co-treated with the OU III LIPA process water and the treated effluent is discharged to injection wells.

Goal: Reach MCLs in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030), and within 65 years for the Magothy aquifer (by 2065).

Start Date: August 2004

Status: Active: Wells RTW-1A, RTW-4A and RW-6A remain in full-time operation. Extraction wells that have been paced in standby: RTW-2A (2020), RTW-3A (2020), and RTW-5A (2016).

System Operations:

Table 3.9-1 – 2nd Quarter Pumping Rates

Extraction Well		**RTW-1A**	**RTW-4A**	**RW-6A**
Site ID		800-109	800-112	800-132
Screen Interval (ft bls)		188-208	268-288	165-185
Desired Flow:		100	100	200
Monthly Average	April	95	140	142
	May	112	171	167
	June	94	144	140
Quarterly Average		**100**	**152**	**150**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: Extraction wells RTW-1A, RTW-4A and RW-6A ran normally for the month. The system treated approximately 16 million gallons of water.

May 2025: Extraction wells RTW-1A, RTW-4A and RW-6A ran normally for the month. The system treated approximately 19 million gallons of water.

June 2025: Extraction wells RTW-1A, RTW-4A and RW-6A ran normally for the month. The system treated approximately 16 million gallons of water.

During the 2nd Quarter, the TVOC concentration in each of the systems extraction wells, including extraction wells in standby, did not exceed the capture goal of 10 µg/L. The system treated approximately 51 million gallons of water.

Historically, the cumulative mass of VOCs removed from the aquifer for this system has been calculated based on the combined influent from the OU III LIPA and Airport treatment systems. Therefore, the summary of the cumulative mass removal includes the combined influent from LIPA extraction wells through 2017.

The treatment system 'Hits Only' data, including individual extraction wells, system influent, and effluent is summarized in **Table 3.9-2** through **Table 3.9-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.9-1 Cumulative Mass Removal of VOCs vs Time

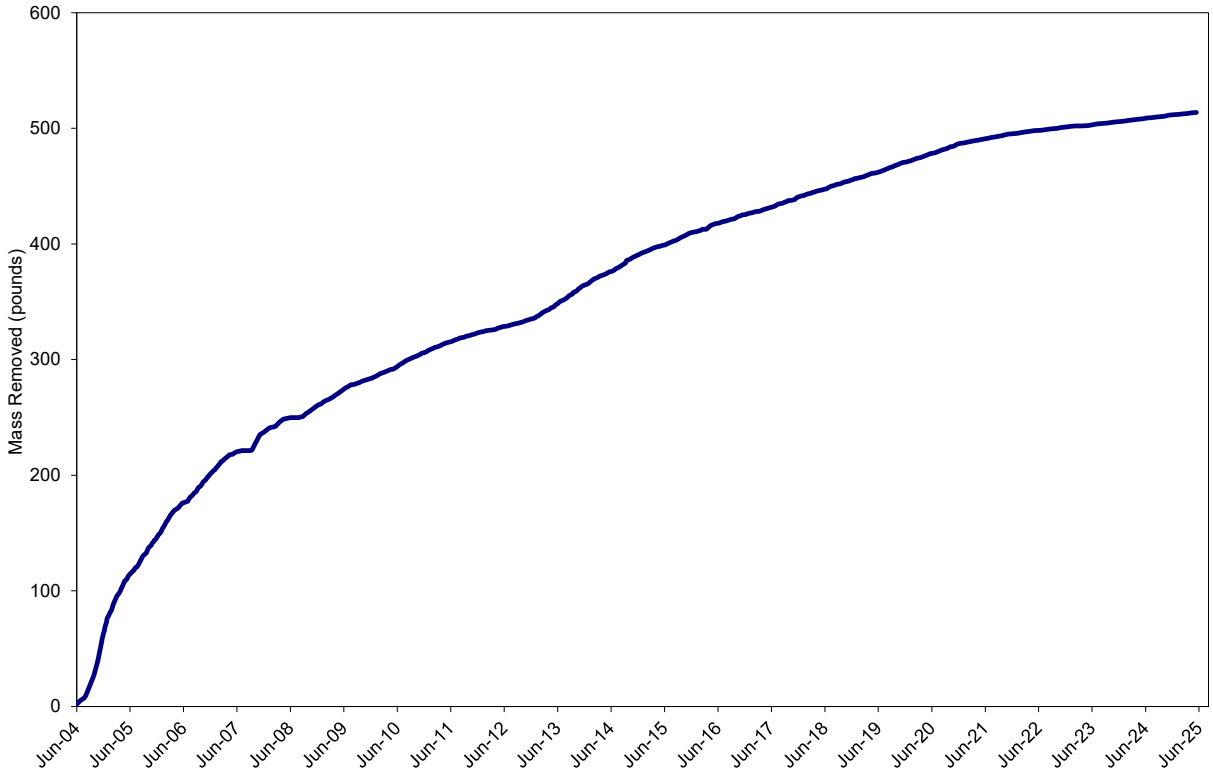


Figure 3.9-2 Airport Extraction Well TVOC Concentrations vs. Time

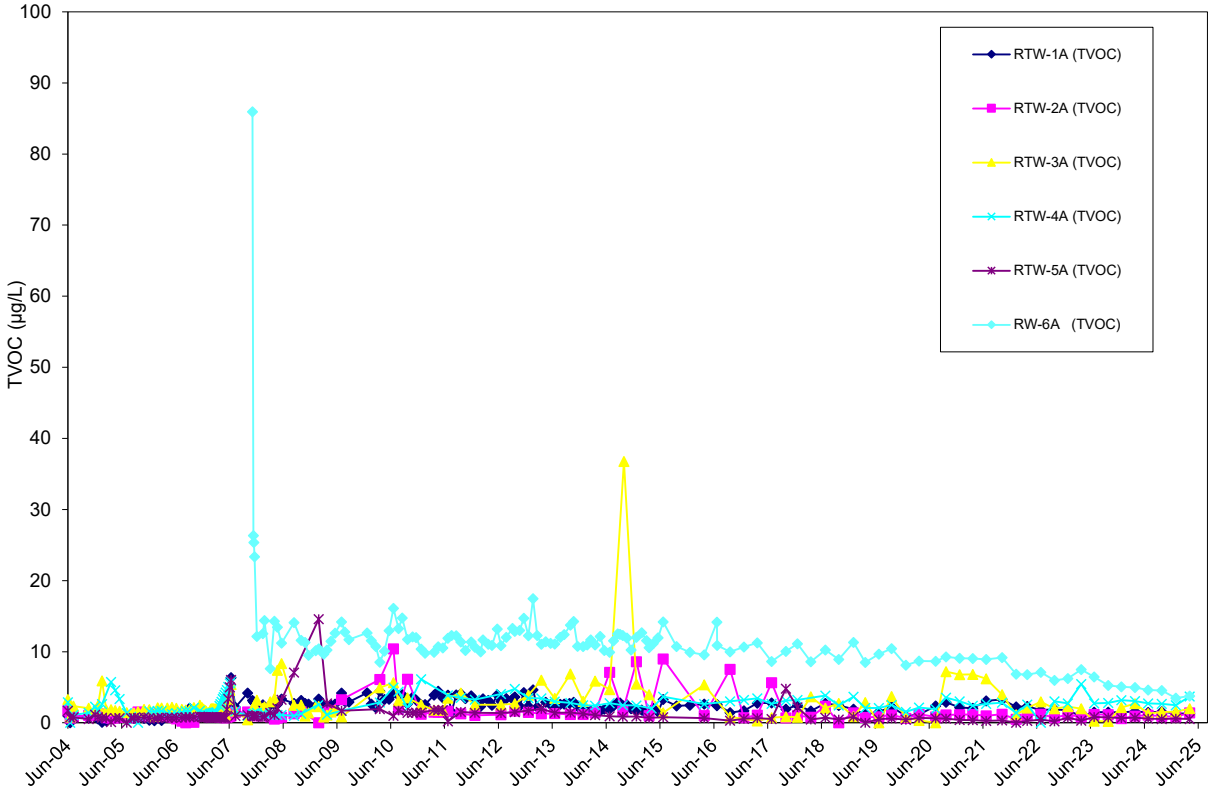


Table 3.9-5 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	Monitor	646,923[1]	GPD	Continuous
pH (range)	5.5 – 7.5	5.52-5.65[2]	SU	Monthly
Carbon Tetrachloride	5.0	<0.50	µg/L	Monthly
Chloroform	7.0	0.83	µg/L	Monthly
1,1-Dichloroethane	5.0	<0.50	µg/L	Monthly
1,1-Dichloroethylene	5.0	<0.50	µg/L	Monthly
Methylene Chloride	5.0	<0.50	µg/L	Monthly
1,1,1-Trichloroethane	5.0	<0.50	µg/L	Monthly
Trichloroethylene	10.0	<0.50	µg/L	Monthly

Notes:
[1] The average flow for the operational period at the combined influent flow meter.
[2] Minimum to maximum value for pH during this operational period.

< - The analyte was not detected.

Monitoring Activities:

The 2nd Quarter monitoring well analytical results reported the highest TVOC concentration in monitoring well 800-94, at 49 µg/L. The highest individual VOC concentration in this well was trichloroethylene at a concentration of 20 µg/L.

The OU III Airport monitoring well network is shown on **Figure 3.9-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.9-6** provided in **Appendix B**.

Planned Operational Changes:

- None.

3.10 OU III BGRR/WCF Strontium-90 Pump & Treat System

Process: Groundwater extraction with clinoptilolite zeolite resin ion-exchange treatment for the removal of Sr-90 followed by liquid phase GAC treatment for VOCs. The treated effluent is discharged to drywells.

Goal: Reach MCLs in core monitoring wells within 70 years for the Upper Glacial aquifer (by 2070).

Start Date: June 2005

Status: Active: Extraction wells SR-1 and SR-2 continued to operate full time. Extraction wells that have been placed in standby: SR-4 (2016), SR-5 (2016), SR-6 (2017), SR-7 (2018), SR-8 (2022) and SR-9 (2023). Extraction well SR-3 was turned on in October 2024 based on elevated Sr-90 concentrations observed in monitoring well 075-701 and placed back into standby mode on March 19, 2025.

System Operations:

Table 3.10-1 – 2nd Quarter Pumping Rates

Extraction Well		**SR-1**	**SR-2**
Site ID:		065-368	065-369
Screen Interval (ft bls)		33-53	33.5-53.5
Desired Flow:		**5**	**5**
Monthly Average	April	5.8	5.4
	May	5.2	4.9
	June	2.9	2.5
Quarterly Average		**4.6**	**4.3**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: The system ran normally for the month with extraction wells SR-1 and SR-2 operating full-time. The system treated approximately 0.48 million gallons of water.

May 2025: Extraction wells SR-1 and SR-2 ran normally for the month until May 28th when the system was shut off for a routine resin vessel and carbon vessel change out. The system treated approximately 0.41 million gallons of water.

June 2025: The system was restarted on June 16th after the completion of the resin vessel and carbon vessel change out. Wells SR-1 and SR-2 operated normally the remainder of the month. The system treated approximately 0.23 million gallons of water.

During the 2nd Quarter, the highest concentrations of Sr-90 were detected in SR-1 ranging from 15 pCi/L to 21.7 pCi/L. The Sr-90 concentrations detected in the remaining extraction wells were below the DWS during the monitoring period. The system treated approximately 1.1 million gallons of water during the 2nd Quarter.

The treatment system 'Hits Only' data, including individual extraction wells, influent, and effluent is summarized in **Table 3.10-2** through **Table 3.10-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.10-1 Cumulative Millicuries Removed

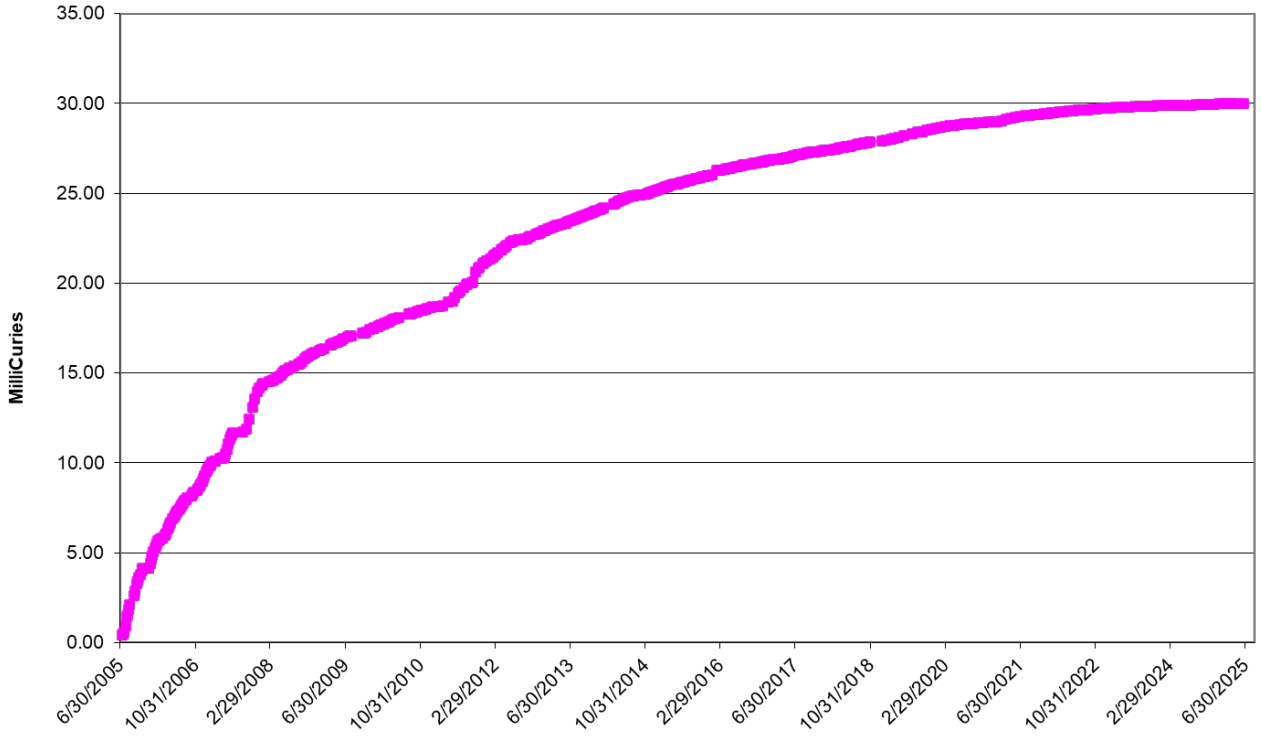


Figure 3.10-2 Extraction Well Sr-90 Concentrations vs. Time

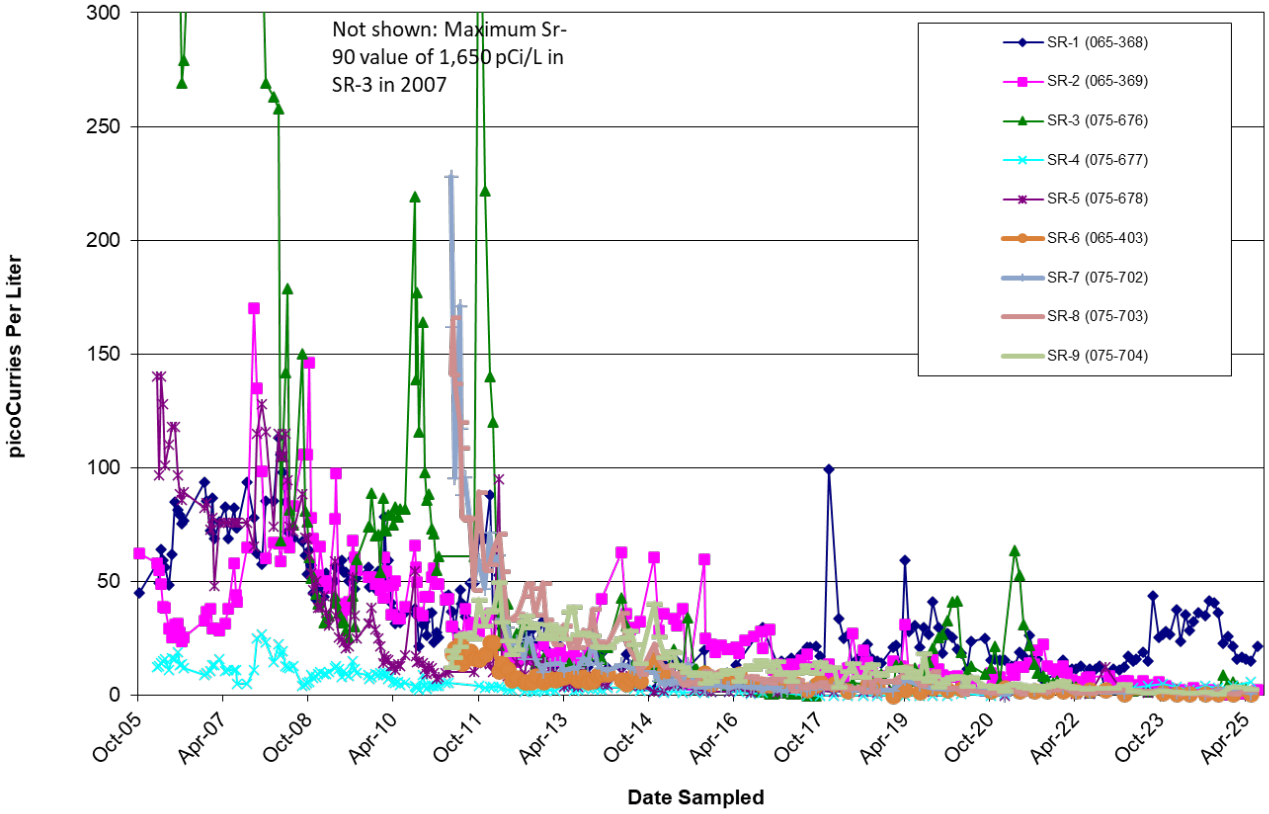


Table 3.10-5

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	75	11.14	GPM	Continuous
pH (range)	5.5 – 8.5	5.9-6.9[1]	SU	Weekly
Chlorodibromomethane	50	<0.5	µg/L	Monthly
Chloroform	7	<0.5	µg/L	Monthly
1,1-Dichloroethane	5	0.34J	µg/L	Monthly
Ethylbenzene	5	<0.5	µg/L	Monthly
Methyl Chloride	5	<0.5	µg/L	Monthly
Methylene Chloride	5	<0.5	µg/L	Monthly
1,2-trans-Dichloroethylene	5	0.43J	µg/L	Monthly
1,2,3-Trichlorobenzene	5	<0.5	µg/L	Monthly
1,1,1-Trichloroethane	5	0.81J	µg/L	Monthly
1,2,4-Trimethylbenzene	5	<0.5	µg/L	Monthly
Toluene	5	<0.5	µg/L	Monthly
cis-1,2-Dichloroethylene	5	<0.5	µg/L	Monthly
Strontium-90	8	1.92	pCi/L	Monthly
1,4-Dioxane	Monitor	<0.24	µg/L	Quarterly
Perfluorooctanoic acid (PFOA)	6.7	6.48	ng/L	Quarterly
Perfluorooctane sulfonic acid (PFOS)	2.7	10.9	ng/L	Quarterly
Perfluorobutanoic Acid (PFBA)	Monitor	7.97	ng/L	Quarterly
Perfluoropentanoic Acid (PFPeA)	Monitor	<1.92	ng/L	Quarterly
Perfluorohexanoic Acid (PFHxA)	Monitor	2.34	ng/L	Quarterly
Perfluoroheptanoic Acid (PFHpA)	Monitor	<1.92	ng/L	Quarterly
Perfluoro-nonanoic Acid (PFNA)	Monitor	2.37	ng/L	Quarterly
Perfluoro-decanoic Acid (PFDA)	Monitor	<1.92	ng/L	Quarterly
Perfluoroundecanoic Acid (PFUnA)	Monitor	<1.92	ng/L	Quarterly
Perfluorododecanoic Acid (PFDoA)	Monitor	<1.92	ng/L	Quarterly
Perfluorotridecanoic Acid (PFTiA)	Monitor	<1.92	ng/L	Quarterly
Perfluorotetradecanoic Acid (PFTeA)	Monitor	<1.92	ng/L	Quarterly
Perfluorobutanesulfonic Acid (PFBS)	Monitor	<1.71	ng/L	Quarterly
Perfluoropentanesulfonic Acid (PFPeS)	Monitor	<1.81	ng/L	Quarterly
Perfluorohexanesulfonic Acid (PFHxS)	Monitor	2.51	ng/L	Quarterly
Perfluoroheptanesulfonic Acid (PFHpS)	Monitor	<1.83	ng/L	Quarterly
Perfluorononanesulfonic Acid (PFNS)	Monitor	<1.85	ng/L	Quarterly
Perfluorodecanesulfonic Acid (PFDS)	Monitor	<1.86	ng/L	Quarterly
Perfluorododecanesulfonic Acid (PFDoS)	Monitor	<1.87	ng/L	Quarterly
Perfluorooctanesulfonamide (PFOSAm)	Monitor	<1.92	ng/L	Quarterly

N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	Monitor	<1.92	ng/L	Quarterly
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	Monitor	<1.92	ng/L	Quarterly
1H,1H,2H,2H-Fluorotelomer Sulfonic Acid (4:2 FTS)	Monitor	<7.22	ng/L	Quarterly
1H,1H,2H,2H- Fluorotelomer Sulfonic Acid (6:2 FTS)	Monitor	<7.31	ng/L	Quarterly
1H,1H,2H,2H- Fluorotelomer Sulfonic Acid (8:2 FTS)	Monitor	<7.39	ng/L	Quarterly
N-ethyl Perfluoro-octanesulfon- amide (NEtFOSA)	Monitor	<1.92	ng/L	Quarterly
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	Monitor	<1.92	ng/L	Quarterly
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	Monitor	<19.2	ng/L	Quarterly
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	Monitor	<19.2	ng/L	Quarterly
9-Chlorohexadecafluoro-3- Oxanone-1-Sulfonic Acid (9Cl- PF3ONS)	Monitor	<7.2	ng/L	Quarterly
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA or GenX)	Monitor	<7.7	ng/L	Quarterly
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	Monitor	<7.28	ng/L	Quarterly
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	Monitor	<7.28	ng/L	Quarterly
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	Monitor	<7.7	ng/L	Quarterly
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	Monitor	<38.5	ng/L	Quarterly
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	Monitor	<38.5	ng/L	Quarterly
Nonafluoro-3,6-dioxaheptanoic Acid (NFDHA)	Monitor	<3.85	ng/L	Quarterly
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	Monitor	<3.85	ng/L	Quarterly
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	Monitor	<3.85	ng/L	Quarterly
Perfluoro(2-Ethoxyethane) Sulfonic Acid (PFEESA)	Monitor	<3.43	ng/L	Quarterly

Notes:
[1] Minimum to maximum value for pH during this operational period.
< - Analyte not detected.
J - Estimated value.

Monitoring Activities:

The 2nd Quarter monitoring results reported the highest concentration of Sr-90 in monitoring well 065-160 at a concentration of 58.9 pCi/L, which is located immediately downgradient of extraction well SR-1.

The OU III BGRR/WCF monitoring well network is shown on **Figure 3.10-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.10-6** provided in **Appendix B**.

Planned Operational Changes:

- As recommended in the 2024 Groundwater Status Report, reduce the source area monitoring frequency for BGRR source area wells 075-701 and 075-664 from monthly to quarterly. If an increase in Sr-90 concentrations or a rise in groundwater elevation is observed in these wells, the monitoring frequency may be increased.
- As recommended in the 2024 Groundwater Status Report, shutdown well SR-2 due to continuously low concentrations of Sr-90. The extraction well will be restarted if concentrations of Sr-90 increase significantly after shutdown.

3.11 OU III Chemical Holes Strontium-90 Pump & Treat System

Process:	Groundwater extraction with clinoptilolite zeolite resin ion-exchange treatment for the removal of Sr-90. The treated effluent is discharged to injection wells.
Goal:	Reach MCLs in core monitoring wells within 40 years for the Upper Glacial aquifer (by 2040).
Start Date:	February 2003
Status:	The system is in standby mode: EW-1 (2018); EW-2 (2016); and EW-3 (2016)

System Operations:

April through June 2025: The system remained in standby mode. However, each of the extraction wells were temporarily turned on to facilitate sampling.

During the 2nd Quarter, the highest, and only, concentration of Sr-90 detected in the extraction wells was observed in EW-1 at a concentration of 7.88 pCi/L. Concentrations of Sr-90 in extraction wells EW-2 and EW-3 were both non-detect.

The treatment system 'Hits Only' extraction well data is summarized in **Table 3.11-1** provided in **Appendix B**.

A summary of the systems cumulative mass removal and extraction well influent concentrations over time are provided below:

Figure 3.11-1 Cumulative Millicuries Removed

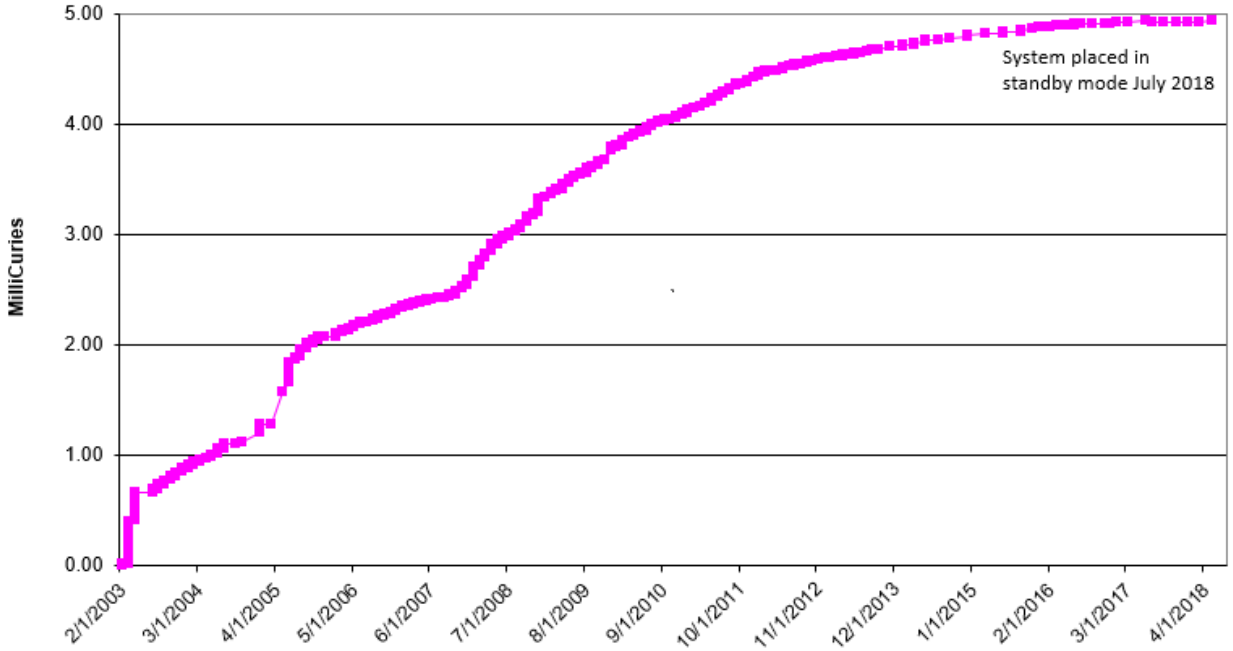
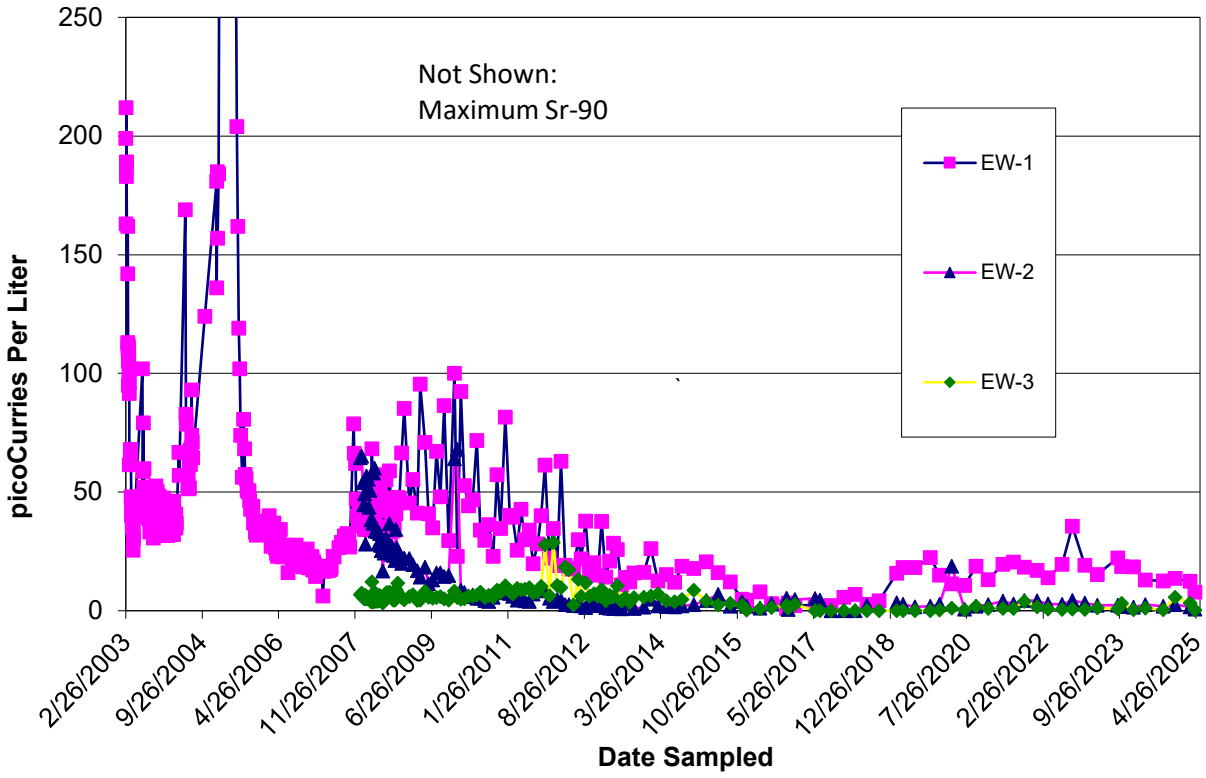


Figure 3.11-2 Extraction Well Sr-90 Concentrations vs. Time



Monitoring Activities:

The Chemical Holes Sr-90 monitoring well network is shown in **Figure 3.11-3.** The Chemical Holes Sr-90 monitoring well network is scheduled to be sampled semi-annually in the 1st and 3rd Quarters. The semi-annual results will be summarized in the 2025 Groundwater Status Report.

Planned Operational Changes:

- None. Based on the operational and monitoring data, a petition for shutdown will be submitted in 2026.

3.12 OU III Carbon Tetrachloride Pump & Treat System (Closed)

The Draft Petition for Closure for the OU III Carbon Tetrachloride Groundwater Removal Action was submitted to the regulators for review in August 2009. Following the incorporation of EPA comments in October 2009, the Final Petition for Closure was issued to the regulators. EPA and NYSDEC provided approval in October 2009. Since that time, activities have been concluded with decommissioning and dismantling of the Carbon Tetrachloride treatment system. A decommissioning report was submitted to the regulators in March 2011.

3.13 OU III Industrial Park East Pump & Treat System (Closed)

The Petition for Closure for the OU III Industrial Park East Groundwater Treatment System was submitted to the regulators for review in May 2013. Approval was received in June and July 2013 and the system was subsequently dismantled. Decommissioning activities included the abandonment of four groundwater monitoring wells (000-489, 000-493, 000-513, 000-514) and the two groundwater extraction wells (EWI-1 and EWI-2) in September 2013. Final decommissioning of the treatment system will not be performed until the completion of the OU X RI/FS, when infrastructure needs for future groundwater treatment are understood.

3.14 OU III North Street Pump & Treat System (Closed)

The Final Petition for Closure for the OU III North Street Pump and Treat System was approved by the regulators in March 2020. Although the system was approved for closure, the treatment building, GAC filtration units, and associated infrastructure are being utilized to remediate the OU III North Street East EDB plume.

Monitoring Activities:

The OU III North Street monitoring well network is scheduled to be sampled in the 4th Quarter 2025. The 4th Quarter results will be summarized in the 2025 Groundwater Status Report. The OU III North Street monitoring well network is shown in **Figure 3.14-1**.

Planned Operational Changes:

- None.

3.15 OU III HFBR Tritium Pump & Recharge System (Closed)

The Petition for Closure of the OU III HFBR Tritium Pump and Recharge System was approved by the regulators in March 2019. The systems two GAC filtration vessels were repurposed in 2022 for the construction and operations of the OU X Time Critical Removal Action (TCRA) Former Firehouse PFAS groundwater treatment system.

Monitoring Activities:

During the 2nd Quarter, the highest concentration of tritium detected was 14,089 pCi/L in monitoring well 075-807. The HFBR monitoring well network is shown on **Figure 3.15-1** and the 'Hits Only' 2nd Quarter monitoring well data are provided in **Table 3.15-1** within **Appendix B**.

Planned Operational Changes:

- As recommended in the 2024 Groundwater Status Report, reduce the sampling frequency from quarterly to semi-annually for the 10 source area monitoring wells located immediately downgradient of the HFBR.

3.16 OU III Building 452 Freon-11 Pump & Treat System (Closed)

The Final Petition for Closure of the OU III Building 452 Freon-11 groundwater treatment system was approved by the regulators in September 2019. The treatment system building and shallow air-stripper tray unit are currently being utilized for the OU III Building 96 groundwater treatment system.

3.17 OU IV Air Sparge / Soil Vapor Extraction System (Closed)

A Petition for Closure was submitted in June 2002 for this project. The EPA and DEC provided their approval for system closure in July 2003. The system was decommissioned in the fall of 2003. As documented in the 2010 Groundwater Status Report, groundwater monitoring related to the OU IV Air Sparge/Soil Vapor Extraction System is concluded.

3.18 OU VI EDB Pump & Treat System

Process: Groundwater extraction and liquid phase GAC treatment for the removal of EDB. The treated effluent is discharged to injection wells.

Goal: Reach the EDB MCL in core monitoring wells within 30 years for the Upper Glacial aquifer (by 2030).

Start Date: October 2004

Status: Active; deep extraction wells EW-3E and EW-4E in full time operation. Wells that have been placed in standby: EW-1E (2024) and EW-2E (2024).

System Operations:

Table 3.18-1- 2nd Quarter Pumping Rates

Extraction Well		**EW-3E**	**EW-4E**
Site ID:		000-578	000-579
Screen Interval (ft bls):		174-194	170-190
Desired Flow:		150	150
Monthly Average	April	149	151
	May	150	150
	June	91	136
Quarterly Average		**130**	**146**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: The system ran normally for the month. The system treated approximately 13 million gallons of water.

May 2025: The system ran normally for the month. The system treated approximately 13 million gallons of water.

June 2025: The system was off from June 18th to June 20th due to a power outage. Well EW-3E went off on June 24th due to electrical issues and is currently being repaired. The system treated approximately 10 million gallons of water.

During the 2nd Quarter, the maximum concentration of EDB in the active extraction wells was 0.09 µg/L observed in EW-4E and 0.06 µg/L in EW-3E. The system treated approximately 36 million gallons of water.

The treatment system 'Hits Only' data including individual extraction wells, influent, and effluent is summarized in **Table 3.18-2** through **Table 3.18-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal of EDB for the new deep extraction wells (EW-3E and EW-4E) since their startup, and extraction well influent concentrations, over time are provided below:

Figure 3.18-1 Cumulative Mass Removal of EDB

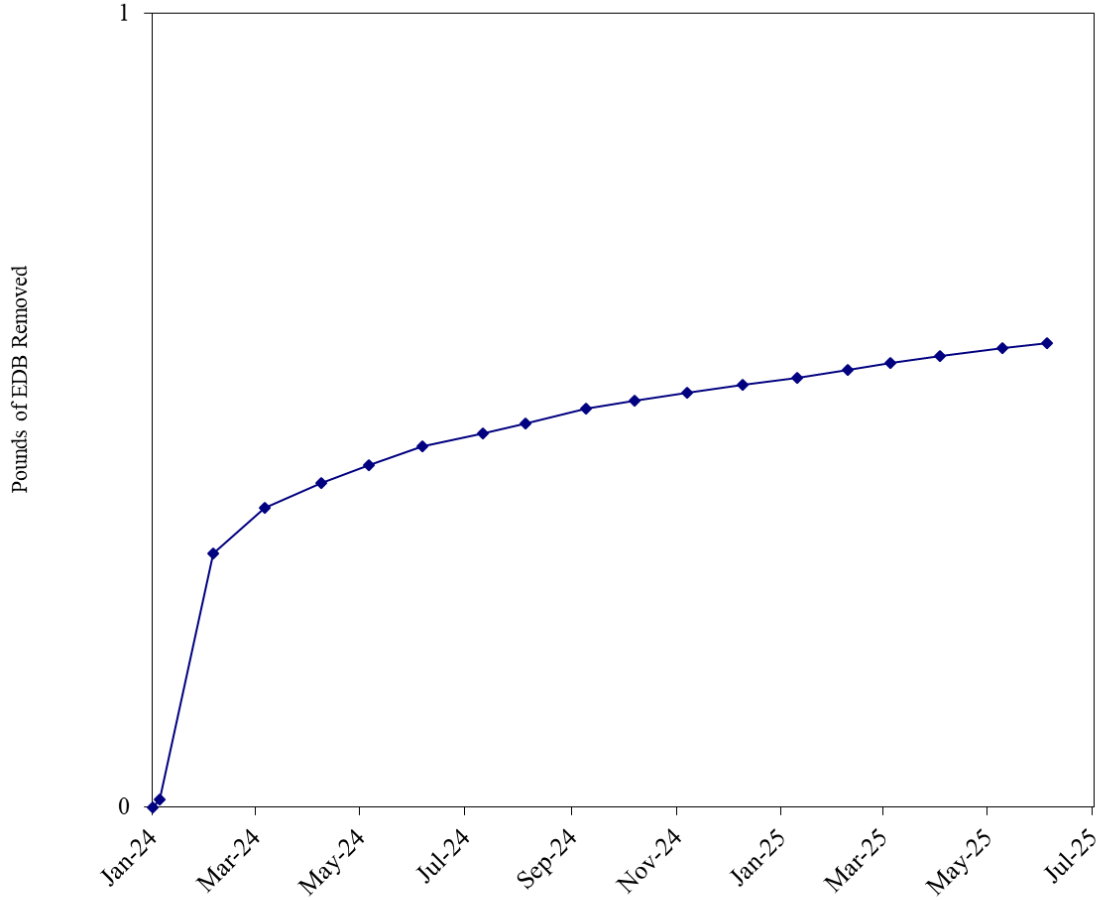


Figure 3.18-2 Extraction Well EW-1, EW-2 and Influent EDB Concentration vs. Time

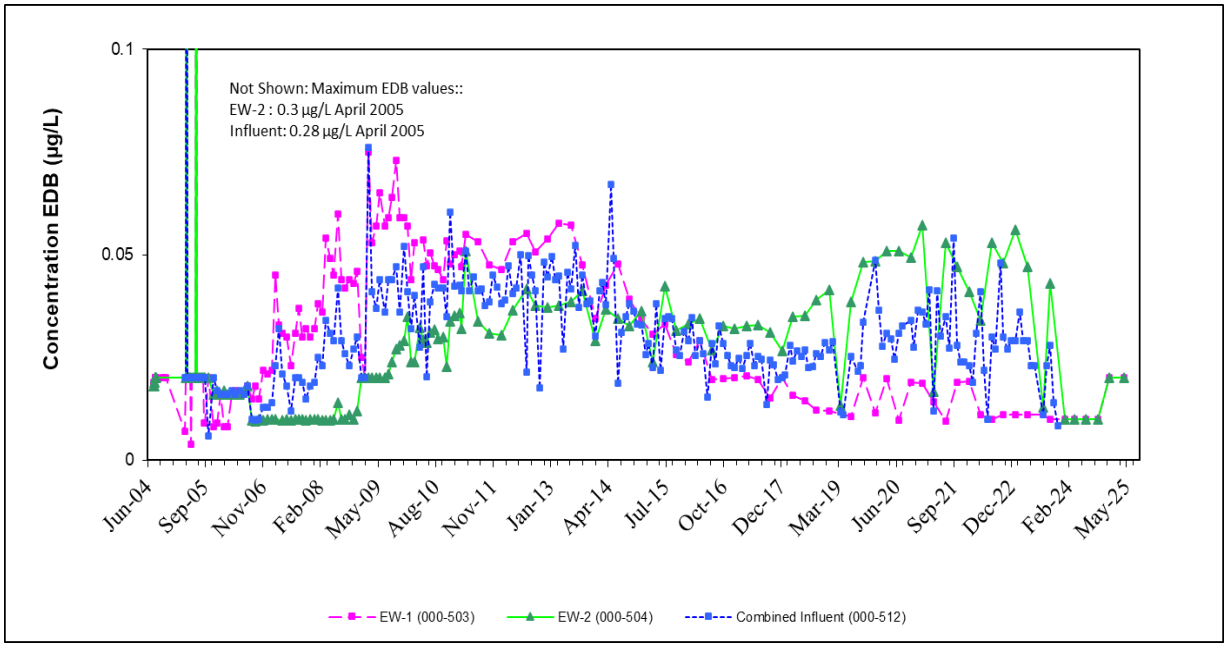


Figure 3.18-3 Extraction Well EW-3, EW-4 and Influent EDB Concentration vs. Time

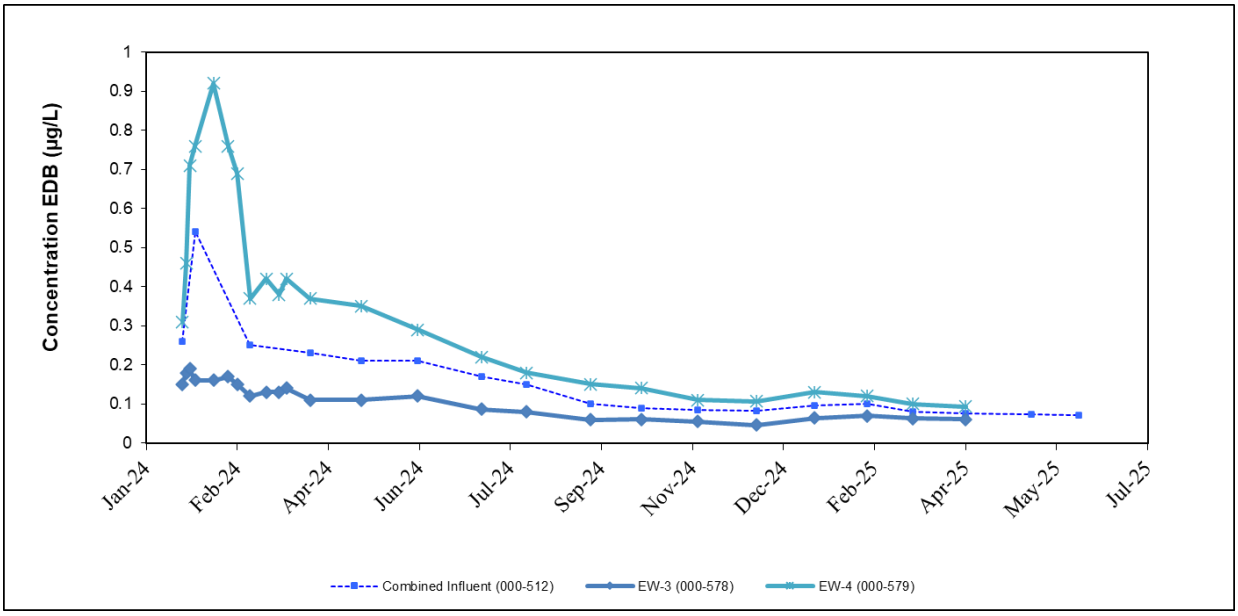


Table 3.18-5 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	450	300	GPM	Continuous
pH (range)	5.0 – 8.5	5.6-5.8[1]	SU	Weekly
Barium	2,000	19	µg/L	Monthly
Calcium	Monitor	6,900	µg/L	Monthly
Chloroform	7	0.53	µg/L	Monthly
1,1-Dichloroethene	5	<0.5	µg/L	Monthly
EDB	0.03	<0.02	µg/L	Monthly
Iron	600	320	µg/L	Monthly
Lead	50	0.86B	µg/L	Monthly
Magnesium	35,000	3,300	µg/L	Monthly
Methyl Chloride	5.0	<0.5	µg/L	Monthly
Methylene Chloride	5.0	<0.5	µg/L	Monthly
Nickel	200	<0.5	µg/L	Monthly
Potassium	Monitor	680	µg/L	Monthly
Toluene[2]	5	<0.5	µg/L	Monthly
Xylene, ortho-[2]	5	<0.5	µg/L	Monthly
Xylene, sum of meta- and para-[2]	10	<0.5	µg/L	Monthly
Zinc	5,000	66	µg/L	Monthly
1,1,1-Trichloroethane	5.0	<0.5	µg/L	Monthly
1,4-Dioxane	0.35	0.27	µg/L	Quarterly

Notes:
[1] Minimum to maximum value for pH during this operational period.
[2] Results from April 2025 effluent results. Compounds were removed from revised SPDES Equivalency Permits issued on May 19, 2025.
< - Analyte not detected.
B – analyte was found in the associated blank as well as in the sample

Monitoring Activities:

The OU VI EDB monitoring well data show the concentration of EDB ranged from 0.008J µg/L in 000-524 to 0.31 µg/L in 000-582. The OU VI EDB monitoring well network is shown on **Figure 3.18-4**.

The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.18-6** provided in **Appendix B**.

Planned Operational Changes:

- None.

3.19 OU X Current Firehouse PFAS Pump & Treat System

Process: Groundwater extraction with liquid phase GAC filtration for PFAS. The treated effluent is discharged to the HP recharge basins.

Goal: Final cleanup goals will be determined following the completion of the forthcoming OU X Remedial Investigation/Feasibility Study (RI/FS) and documented in the future OU X Record of Decision (ROD).

Start Date: October 2022

Status: Active; seven extraction wells (CF-RW-A, CF-RW-B, CF-RW-D, CF-RW-E, CF-RW-G, CF-RW-H, and CF-RW-I) in full-time operation. Extraction wells CF-RW-C and CF-RW-F are currently in standby mode.

System Operations:

Table 3.19-1 – 2nd Quarter Pumping Rates

Extraction Well		**CF-RW-A**	**CF-RW-B**	**CF-RW-D**	**CF-RW-E**	**CF-RW-G**	**CF-RW-H**	**CF-RW-I**
Site ID:		073-34	073-35	083-46	084-102	073-34	073-35	083-45
Screen Interval (ft bls):		48-68	54-74	70-90	132-152	88-108	98-118	70-90
Desired Flow:		50	50	30	80	50	40	90
Monthly Average	April	47	49	19	91	49	54	90
	May	49	53	43	90	51	62	96
	June	44	48	39	83	47	47	89
Quarterly Average		**47**	**50**	**34**	**88**	**49**	**54**	**92**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: The system was shut down on April 11th for a backflush and re-started the same day. Well CF-RW-D was off from April 12th through April 23rd to replace the pump and motor. The

system ran normally for the rest of the month. Extraction wells CF-RW-C and CF-RW-F remained in standby mode. The system treated approximately 17.3 million gallons of water.

May 2025: The system ran normally for the month. Extraction wells CF-RW-C and CF-RW-F remained in standby mode. The system treated approximately 19.3 million gallons of water.

June 2025: The system ran normally for the month. On June 3rd and June 30th , the system was backwashed and restarted the same day. Extraction wells CF-RW-C and CF-RW-F remained in standby mode. The system treated approximately 18 million gallons of water.

During the 2nd Quarter, the highest total PFAS concentration observed in the extraction wells was 397 ng/L in CF-RW-E. The highest individual PFAS concentration from this sample was PFOS at 280 ng/L. The system treated approximately 55 million gallons of water.

The treatment system 'Hits Only' data, including individual extraction wells, influent, and effluent is summarized in **Table 3.19-2** through **Table 3.19-4** provided in **Appendix B**.

A summary of the systems cumulative mass removal of PFAS and extraction well influent concentrations over time are provided below:

Figure 3.19-1 Cumulative Mass Removal of PFAS

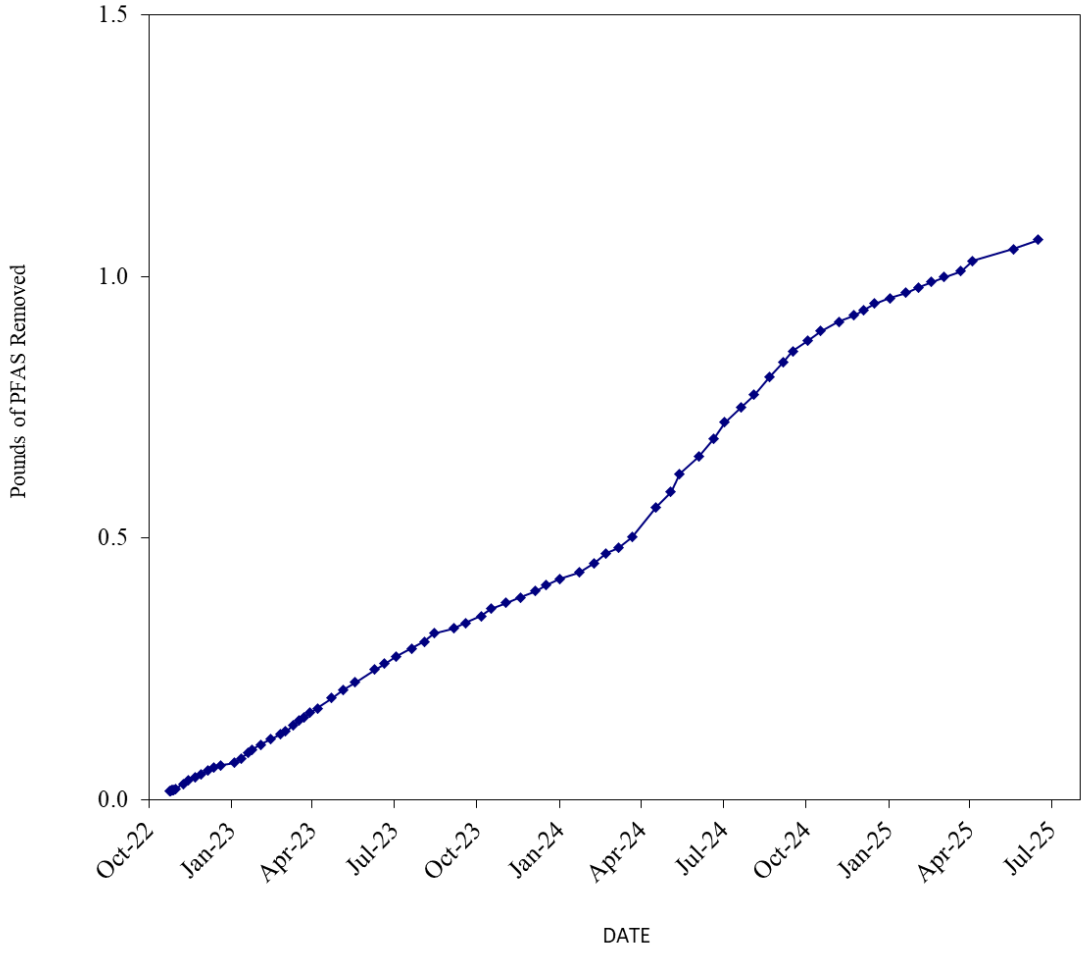


Figure 3.19-2 Extraction Well Total PFAS Concentration vs. Time

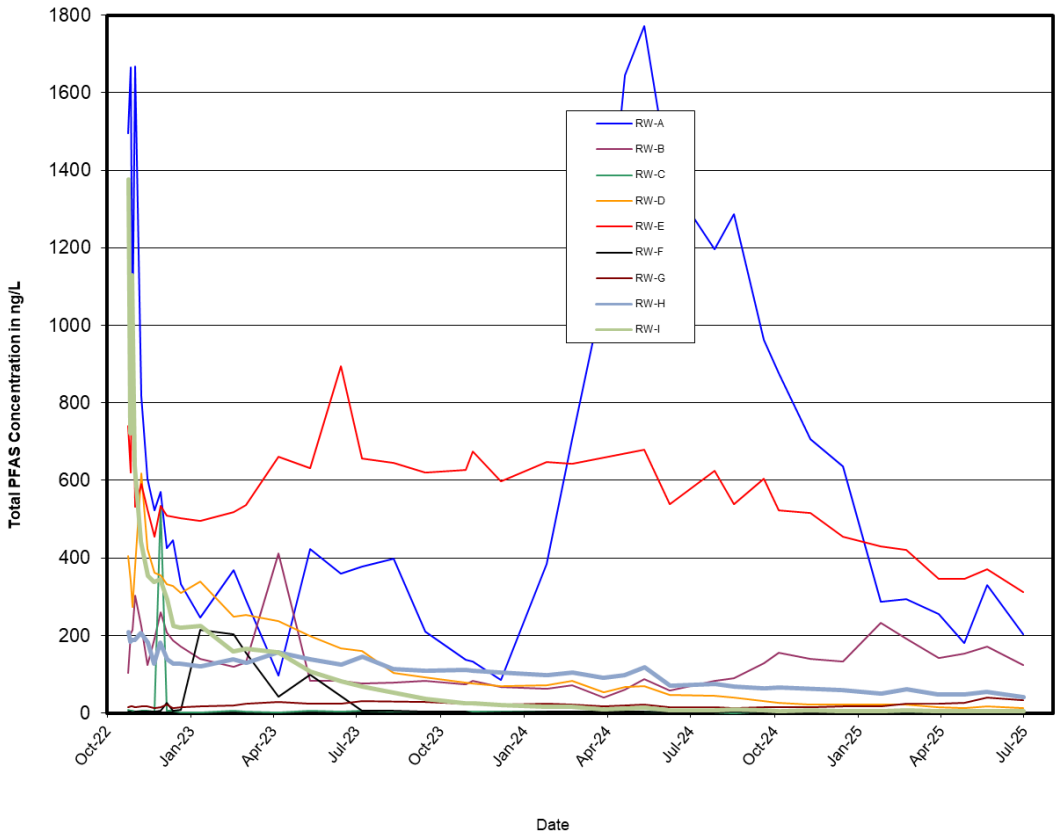


Table 3.19-5 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	1,000	448	GPM	Continuous
pH (range)	5.0 – 8.5	5.8– 6.2[1]	SU	Monthly
Carbon Tetrachloride	5.0	<0.5	µg/L	Monthly
Chloroform	7.0	<0.5	µg/L	Monthly
Methyl Chloride	5.0	<0.5	µg/L	Monthly
Methylene Chloride	5.0	<0.5	µg/L	Monthly
1,4-Dioxane	0.35	0.15 J	µg/L	Monthly
PFOS	2.7	<1.5	ng/L	Monthly
PFOA	6.7	<1.5	ng/L	Monthly

Notes:
[1] Minimum to maximum value for pH during this operational period
< - Analyte not detected
J - Estimated value

Monitoring Activities:

The Current Firehouse/Building 170 monitoring well data showed the highest total PFAS concentration located within the Current Firehouse source area in monitoring well 073-33 at a concentration of 1,825 ng/L. The highest individual PFAS concentration in this sample was PFOS at an estimated concentration of 1,700 ng/L. The highest total PFAS concentration downgradient of the Building 170 source area was 4,160 ng/L in monitoring well 093-04. The highest individual PFAS concentration in this well was PFOS at an estimated concentration of 3,800 ng/L.

The Current Firehouse/Building 170 monitoring well network is shown on **Figure 3.19-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.19-6** provided in **Appendix B**.

Planned Operational Changes:

The following changes are recommended as summarized in the 2024 Groundwater Status Report:

- Reduce the sampling frequency of the treatment system influent, midpoint, and effluent from two times per month to monthly, as defined in the SPDES Equivalency Permit. Samples will be analyzed using EPA Method 1633 for PFAS, Method 8270 SIM for 1,4-dioxane, and EPA Method 8260 Low Level for VOCs;
- Reduce the sampling frequency of the treatment system extraction wells from monthly to quarterly. Samples will be analyzed using EPA Method 1633 for PFAS and EPA Method 8270 SIM for 1,4-dioxane; and
- Reduce the sampling frequency of 13 Current Firehouse and Building 170 source area monitoring wells (073-26, 073-27, 073-28, 073-29, 073-30, 073-31, 073-32, 073-33, 074-135, 093-04, 093-93, 093-94, and 093-95) from quarterly to semi-annual, and maintain semi-annual sampling of remaining (67) Current Firehouse/Building 170 monitoring wells. Samples will be analyzed for PFAS using EPA Method 1633. Samples from 17 wells will also be analyzed for 1,4-dioxane using EPA Method 8270 SIM.

3.20 OU X Former Firehouse PFAS Pump & Treat System

Process:	Groundwater extraction with liquid phase GAC filtration for PFAS. The treated effluent is discharged to the RA V recharge basin.
Goal:	Final cleanup goals will be determined following the completion of the forthcoming OU X RI/FS and documented in the future OU X ROD.
Start Date:	January 2023
Status:	Active; three extraction wells (FF-RW-A, FF-RW-B, FF-RW-C) in full-time operation.

System Operations:

Table 3.20-1 – 2nd Quarter Pumping Rates

Extraction Well ID:		**FF-RW-A**	**FF-RW-B**	**FF-RW-C**
Site ID:		085-414	096-132	105-79
Screen Interval (ft bls):		44-64	83-03	04-24
Desired Flow:		**50**	**75**	**100**
Monthly Average	April	50	68	93
	May	56	75	98
	June	53	74	100
Quarterly Average		**53**	**72**	**97**

Notes:
Flow is reported in gpm
ft bls – feet below land surface

April 2025: The system was down from April 1st to April 4th for a routine carbon change out. The system treated approximately 9.2 million gallons of water.

May 2025: The system ran normally for the month. The system treated approximately 9.9 million gallons of water.

June 2025: The system ran normally for the month. The system treated approximately 9.8 million gallons of water.

During the 2nd Quarter, the highest total PFAS concentration in each extraction well was 314 ng/L in FF-RW-A, 256 ng/L in FF-RW-B, and 134 ng/L in FF-RW-C. The system treated approximately 29 million gallons of water.

The treatment system 'Hits Only' data, including individual extraction wells, influent, and effluent is summarized in **Table 3.20-2** through **Table 3.20-4** provided in **Appendix B**.

A summary of the system's cumulative mass removal of PFAS and extraction well influent concentrations over time are provided below:

Figure 3.20-1 - Cumulative Pounds of PFAS Removed

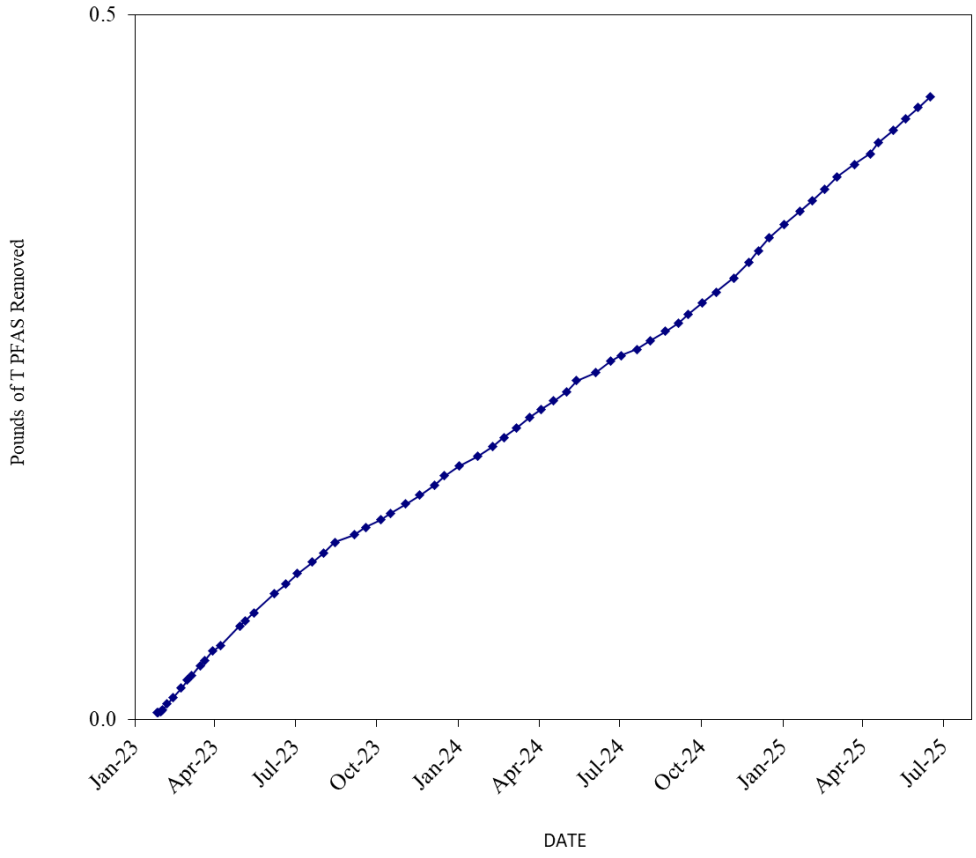


Figure 3.20-2 Extraction Well Total PFAS Concentration vs. Time

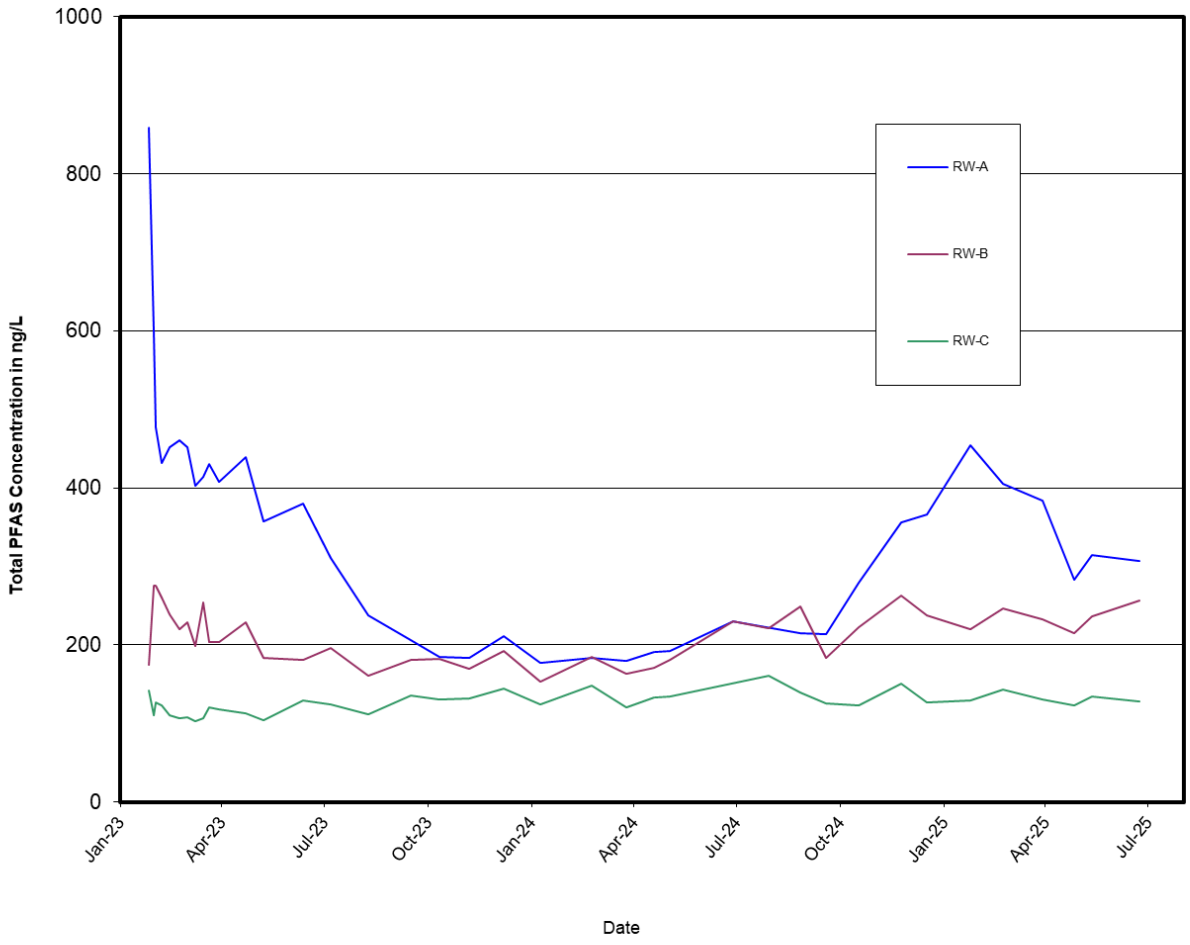


Table 3.20-5 Effluent Water Quality

SPDES Equivalency Permit Concentrations April 1 through June 30, 2025

Parameter	Permit Limit	Max. Measured Value	Units	Frequency
Flow	750	229	GPM	Continuous
pH (range)	5.0 – 8.5	5.9– 6.1[1]	SU	Monthly
PFOS	2.7	<1.7	ng/L	Monthly
PFOA	6.7	0.75J	ng/L	Monthly
1,4-Dioxane	0.35	0.16 J	µg/L	Monthly
Chloroform	7.0	<0.5	µg/L	Monthly
Methylene Chloride	5.0	<0.5	µg/L	Monthly

Notes:
[1] Minimum to maximum value for pH during this operational period
< - Analyte not detected
J – Estimated value

Monitoring Activities:

During the 2nd Quarter, the Former Firehouse monitoring well data showed the highest total PFAS concentration in monitoring well 075-810 at a concentration of 5,615 ng/L, immediately downgradient of the Former Firehouse source area(s). The highest individual PFAS concentration in this sample was PFHxS, at an estimated concentration of 3,600 ng/L.

The Former Firehouse monitoring well network is shown on **Figure 3.20-3**. The 'Hits Only' 2nd Quarter monitoring well data are summarized in **Table 3.20-6** provided in **Appendix B**.

Planned Operational Changes:

The following changes are recommended as summarized in the 2024 Groundwater Status Report:

- Reduce the sampling frequency of the treatment system influent, midpoint, and effluent from two times per month to monthly, as defined in the SPDES Equivalency Permit. Analyze the samples by EPA Method 1633 for PFAS, EPA Method 8270 SIM for 1,4-dioxane, and EPA Method 8260 Low Level for VOCs.
- Reduce the sampling frequency of the treatment system extraction wells from monthly to quarterly. Analyze the samples by EPA Method 1633 for PFAS and EPA Method 8270 SIM for 1,4-dioxane.
- Reduce the sampling frequency of 10 Former Firehouse source area monitoring wells (075-809, 075-810, 075-811, 085-404, 085-405, 085-406, 085-407, 085-408, 085-409, and 085-410) from quarterly to semi-annual, and maintain semi-annual sampling of remaining (32) Former Firehouse plume monitoring wells. Continue analyzing groundwater samples from 31 select OU III Middle Road, South Boundary and Industrial Park wells for PFAS during the 4th quarter monitoring period. Samples will be analyzed for PFAS using EPA Method 1633, and a select number of samples analyzed for 1,4-dioxane using EPA Method 8270 SIM.

4.0 SOURCE AREA MONITORING

4.1 g-2 Tritium Plume

Background:

In November 1999, tritium was detected in the groundwater near the g-2 experiment at concentrations above the 20,000 pCi/L maximum contaminant level (MCL). Sodium-22 was also detected in the groundwater, but at concentrations well below the 400 pCi/L MCL. An investigation into the source of the contamination revealed that the tritium and sodium-22 originated from activated soil shielding located adjacent to the g-2 target building. Rainwater was able to infiltrate the activated soils and carry tritium and sodium-22 into the groundwater. To prevent additional rainwater infiltration into the activated soil shielding, a concrete cap was constructed over the soil shielding in December 1999.

Following the concurrence of the NYSDEC, a Record of Decision (ROD) was signed by the U.S. DOE and U.S. EPA in early 2007. This ROD requires continued routine inspection and maintenance of the impermeable cap, groundwater monitoring of the source area to verify the continued effectiveness of the storm water controls and monitoring the tritium plume until it attenuates to less than the 20,000 pCi/L MCL.

Monitoring Activities:

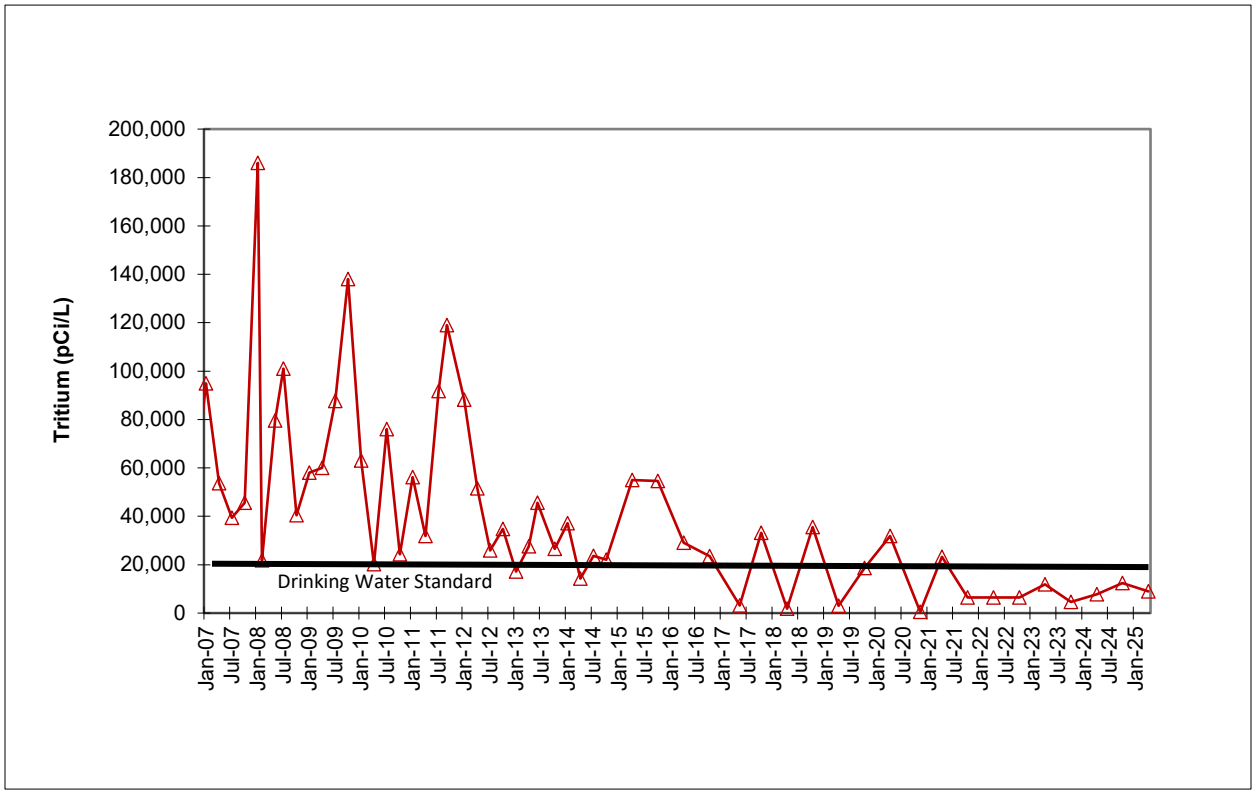
Surveillance of groundwater quality is accomplished using six wells located immediately downgradient of the source area. The monitoring frequency for the source area wells is semi-annual, with samples collected during the second and fourth quarters of the year. Additional downgradient monitoring wells located southeast of Alternating Gradient Synchrotron (AGS) Building 912 are used to evaluate the attenuation (decay and dispersion) of tritium that originates from the g-2 source area. The Building 912 wells are sampled during the fourth quarter.

Source Area Monitoring Results:

During the 2nd Quarter 2025, the maximum tritium concentration in the source area monitoring wells was 8,910 pCi/L in well 054-07 (**Figure 4.1-1**). The overall reductions in tritium concentrations observed in source area monitoring wells indicate that the cap is effectively preventing rainwater infiltration into the activated soil shielding and the amount of residual tritium that is available to be flushed out of the deep vadose zone is decreasing.

Figure 4.1-1

Maximum Tritium Concentrations – January 2007 through April 2025



Planned Operational Changes:

- Discontinue routine sampling of upgradient well 054-65.

4.2 Brookhaven Linac Isotope Producer

Background:

The Brookhaven Linac Isotope Producer (BLIP) is an active accelerator facility located in the central portion of the site. The BLIP facility has been in operation since 1972 and is a national resource for producing radioisotopes that are crucial in nuclear medicine for both research and clinical use. BLIP also supports BNL's research on diagnostic and therapeutic radiopharmaceuticals.

Beam line operations have resulted in the activation of soils that surround the BLIP target vessel. These activated soils are approximately 30 feet below the BLIP building, in a small zone surrounding the target vessel. In 1998, low levels of tritium were detected in the groundwater near the BLIP facility experiment at concentrations of approximately three times the 20,000 pCi/L MCL. Sodium-22 was also detected in the groundwater, but the levels were less than the 400 pCi/L MCL. Corrective actions were implemented in 1998 to prevent additional rainwater from entering the activated soil. These included repairing and reconfiguring the building's roof gutters and downspouts, resealing the paved areas south of the building, and installing a concrete cap in the remaining areas around the building. In 2000, a colloidal silica grout was injected into the activated soil to further immobilize the tritium and sodium-22, and in 2004 an additional impermeable cap was constructed over the beam line that runs from the Linac to the BLIP facility. During 2015, this cap section was extended in several areas to provide protection of soil shielding that was expected to become activated following a change in beamline operations.

Following the concurrence of the NYSDEC, a ROD was signed by the DOE and EPA in early 2007. This ROD required continued routine inspection and maintenance of the impermeable cap and groundwater monitoring to verify the continued effectiveness of the storm water controls.

Monitoring Activities:

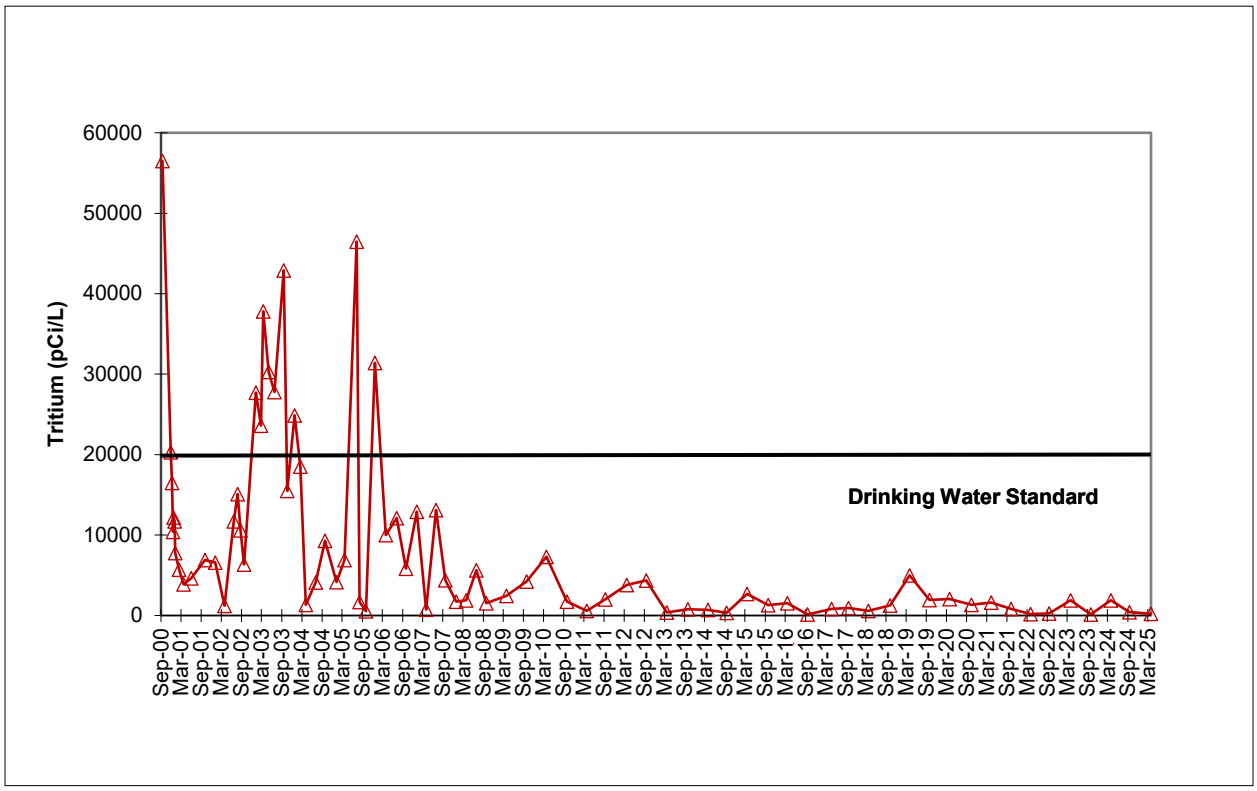
Three groundwater monitoring wells are positioned immediately downgradient of the BLIP facility. The upgradient well is monitored annually (4th quarter) and the downgradient wells are monitored on a semi-annual basis (during the 2nd and 4th quarters).

Monitoring Results:

During the 2nd Quarter 2025, tritium was not detected in any downgradient wells above distinguishable background levels. Since early 2006, tritium concentrations in the groundwater downgradient of BLIP have been continually less than the 20,000 pCi/L MCL (**Figure 4.2-1**). The overall reductions in tritium concentrations observed in the source area wells since 2006 indicate that the cap is effectively preventing rainwater infiltration into the activated soil shielding and the amount of residual tritium that is available to be flushed out of the deep vadose zone is decreasing.

Figure 4.2-1

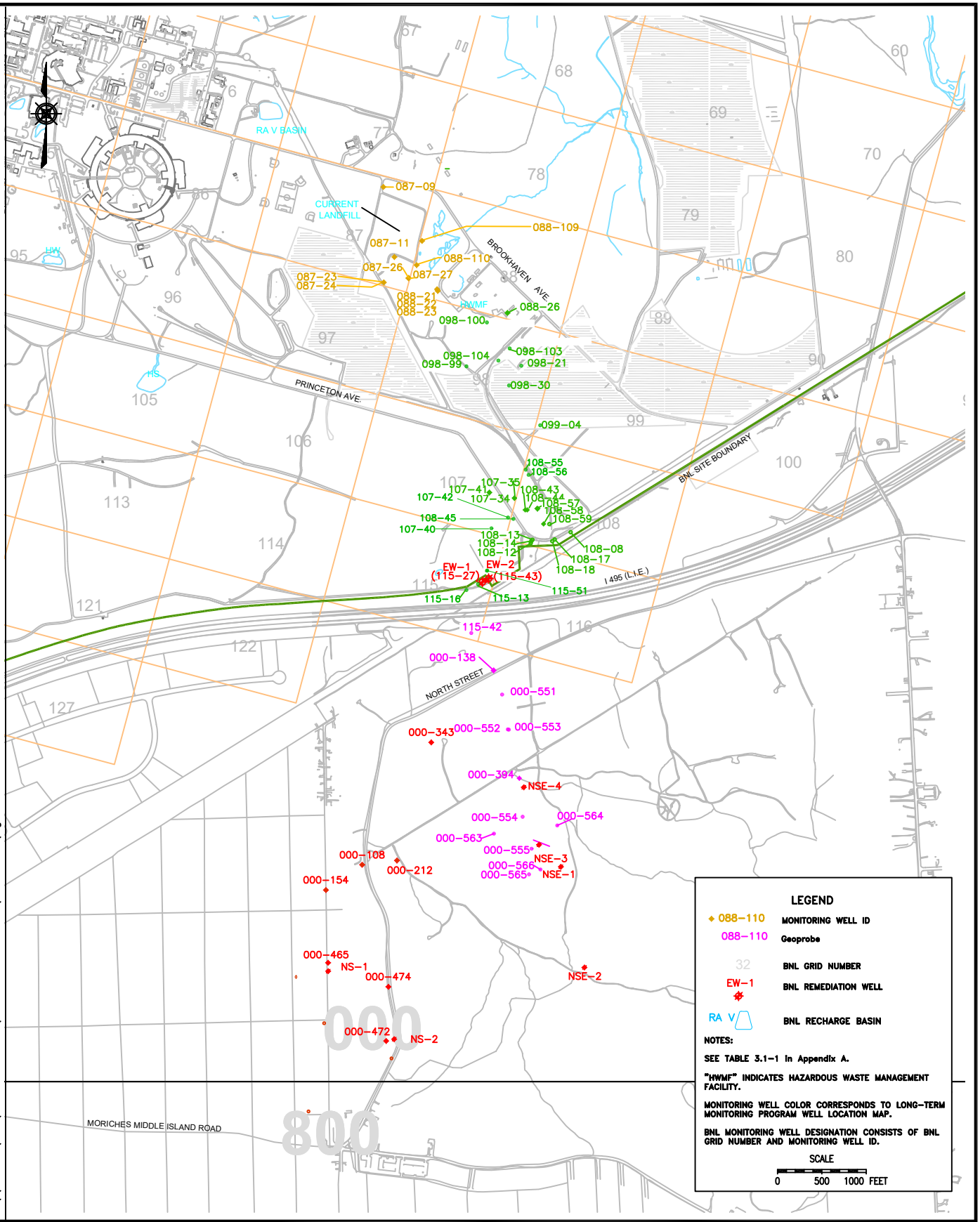
Maximum Tritium Concentrations – September 2000 through April 2025



Planned Operational Changes:

- None.

FIGURES



\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\fig 3.1-1.DWG

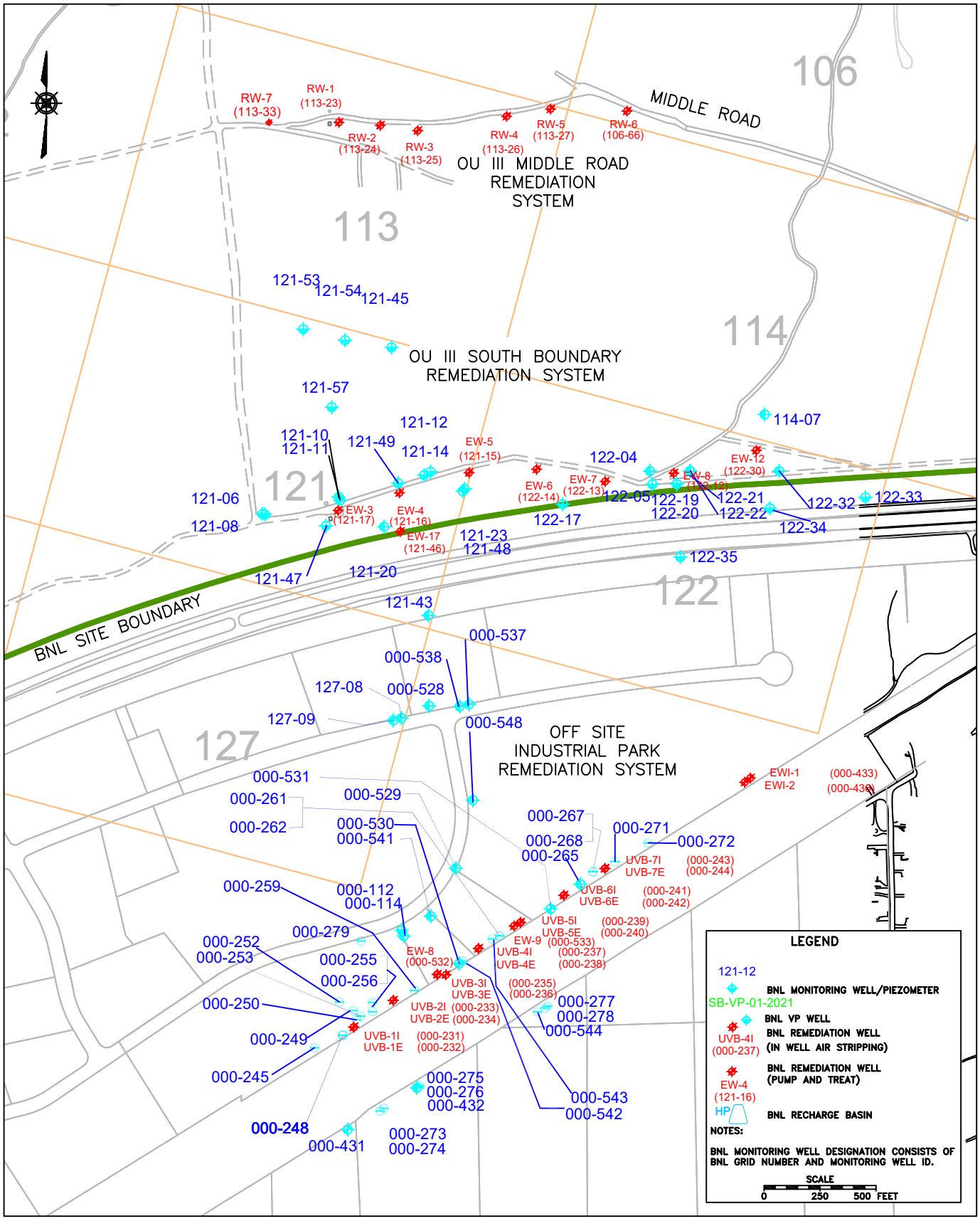
ENVIRONMENTAL PROTECTION DIVISION

TITLE:
OU I/South Boundary/Current Landfill
OUIII North Street/North Street East
MONITORING WELL NETWORK

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	08/08/11	NA
CHKD:	APPD:	REV.:	NOTES:
LDS	––	07/16/25	–

FIGURE NO.: 3.1-1



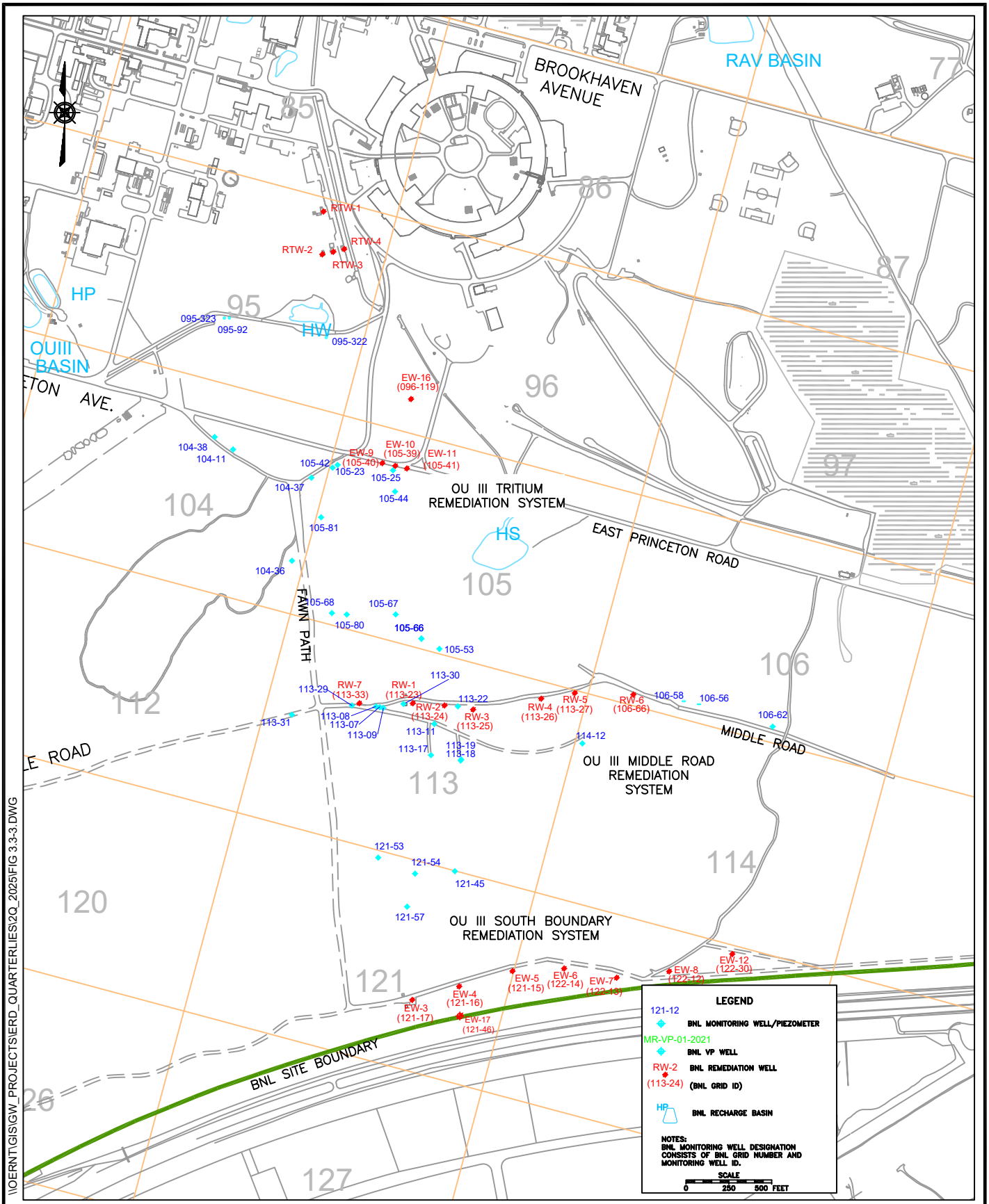
\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\FIG 3.2-3.DWG

ENVIRONMENTAL PROTECTION DIVISION

TITLE: OU III SOUTH BOUNDARY/INDUSTRIAL PARK/INDUSTRIAL PARK AREA MONITORING WELL NETWORKS
SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
JEB	–	09/12/14	–
CHKD:	APPD:	REV.:	NOTES:
LDS	–	07/16/25	–

FIGURE NO.: 3.2–3



\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\FIG 3.3-3.DWG

ENVIRONMENTAL PROTECTION DIVISION

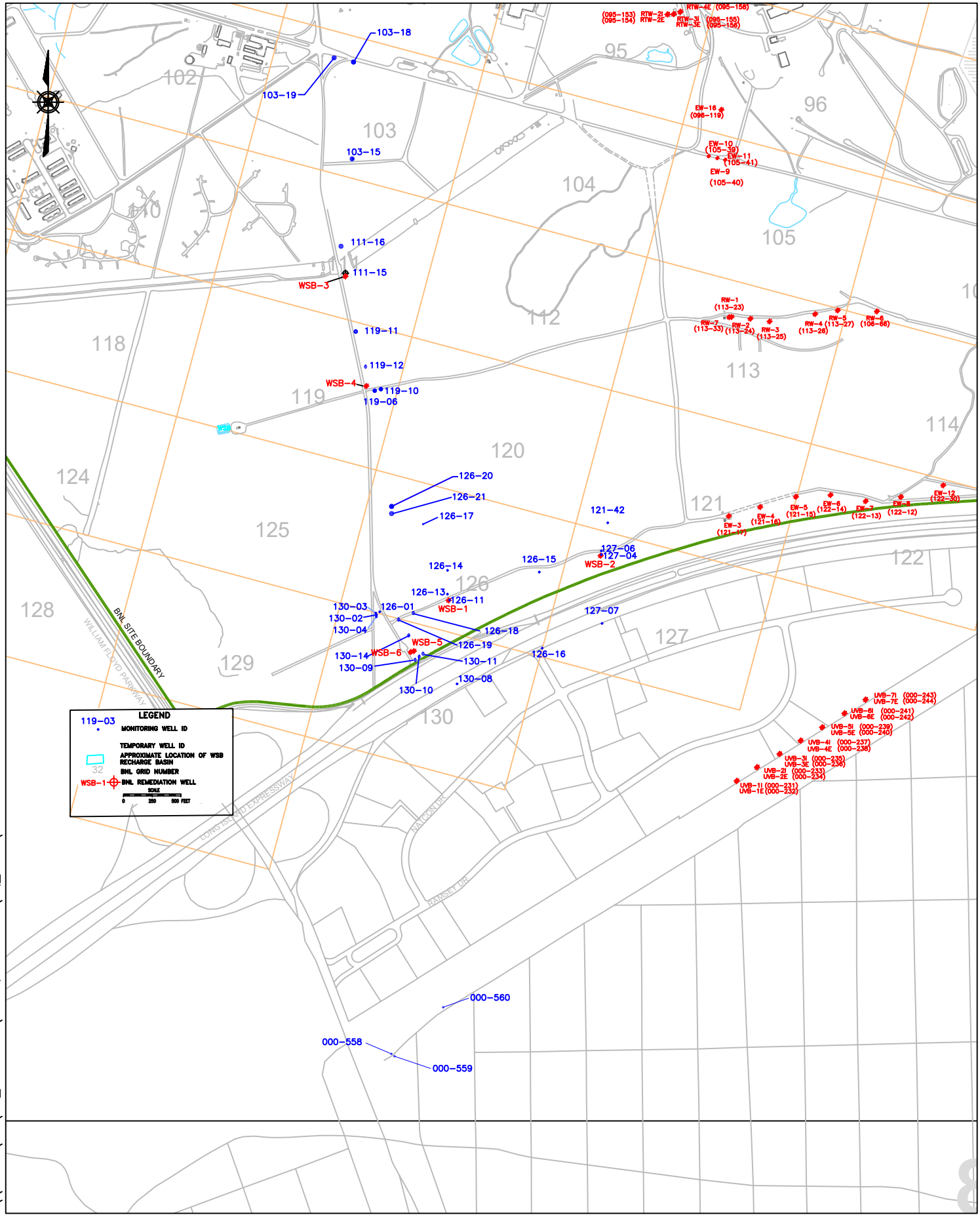
TITLE:

OU III MIDDLE ROAD MONITORING WELL NETWORK

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS
REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
JEB	–	02/08/07	–
CHKD:	APPD:	REV.:	NOTES:
LDS	--	07/16/25	–

FIGURE NO.: 3.3–3



\\OERNT\GIS\GW_PROJECTS\ERD QUARTERLIES\2Q_2025\FIG 3.4-3.DWG

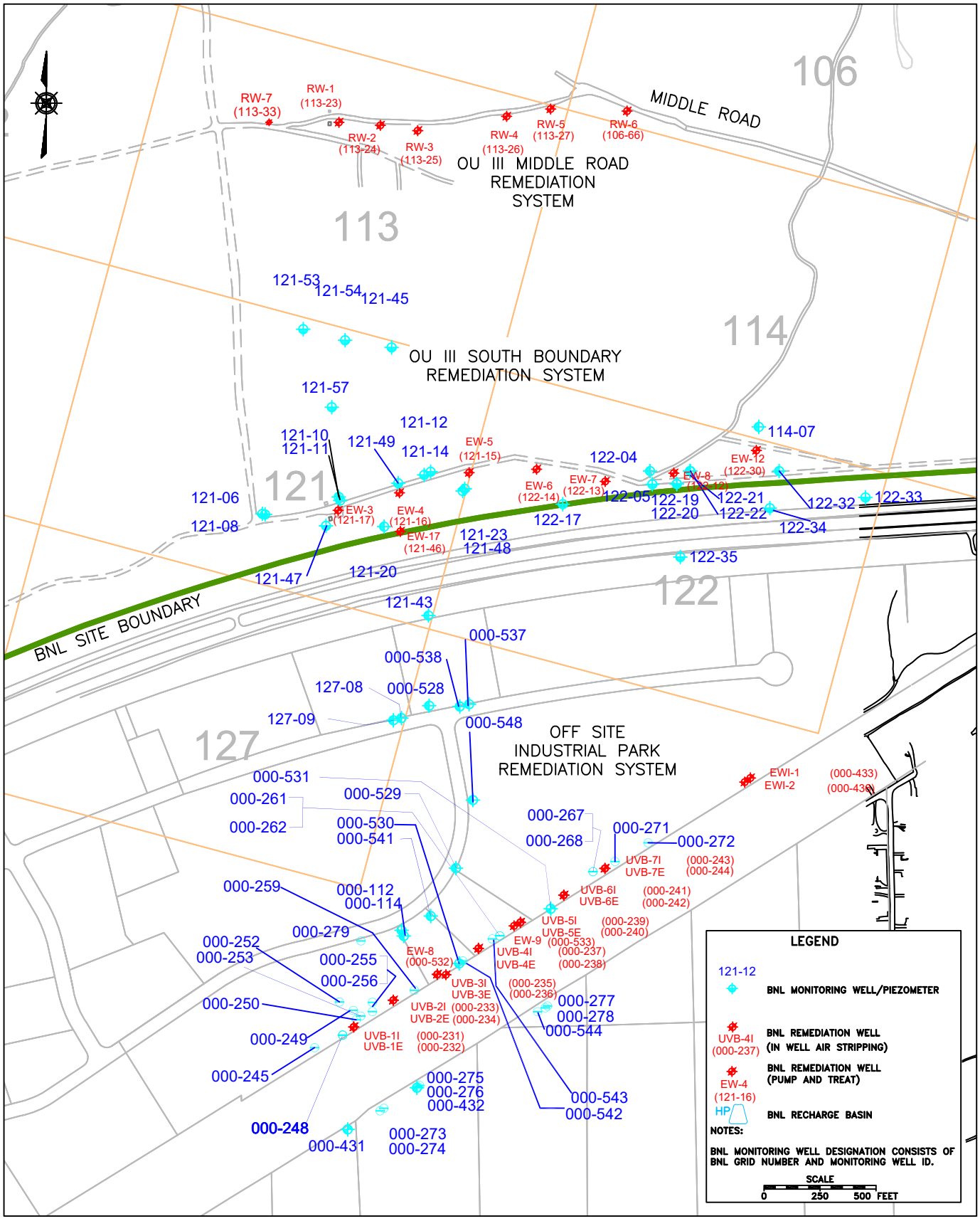
ENVIRONMENTAL PROTECTION DIVISION

OU III WESTERN SOUTH BOUNDARY PUMP AND TREAT SYSTEM MONITORING WELL LOCATIONS

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	09/26/05	–
CHKD:	APPD:	REV.:	NOTES:
LDS	--	07/11/25	–

FIGURE NO.: 3.4-3



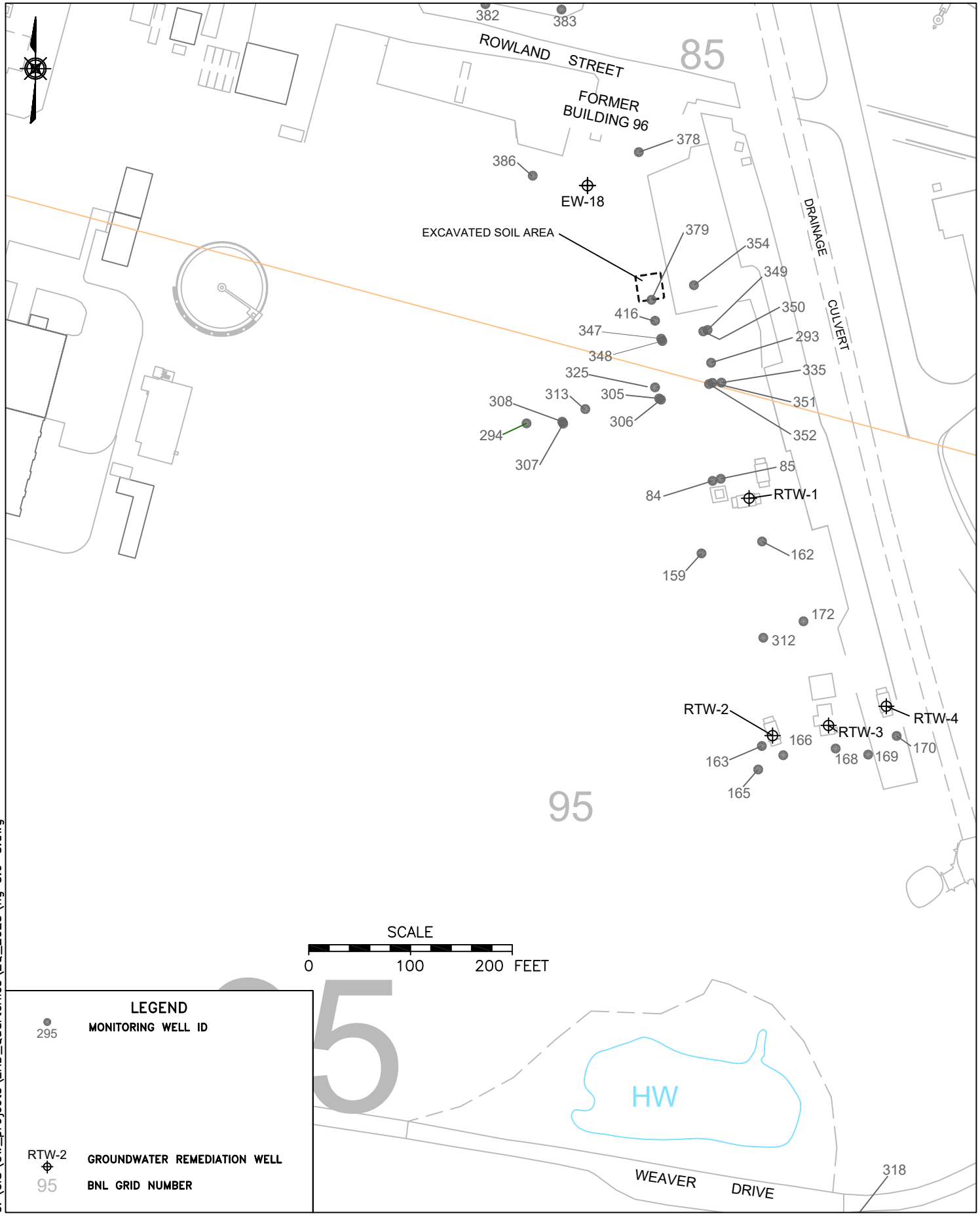
\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\FIG 3.5-3.DWG

ENVIRONMENTAL PROTECTION DIVISION

TITLE: OU III SOUTH BOUNDARY/INDUSTRIAL PARK/INDUSTRIAL PARK AREA MONITORING WELL NETWORKS
SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT:HZ.:	DATE:	PROJECT NO.:
JEB	–	09/12/14	–
CHKD:	APPD:	REV.:	NOTES:
LDS	–	07/11/25	–

FIGURE NO.: 3.5–3



G:\GIS\Gw_projects\ERD_Quarterlies\2Q_2025\fig 3.6-3.dwg

ENVIRONMENTAL PROTECTION DIVISION

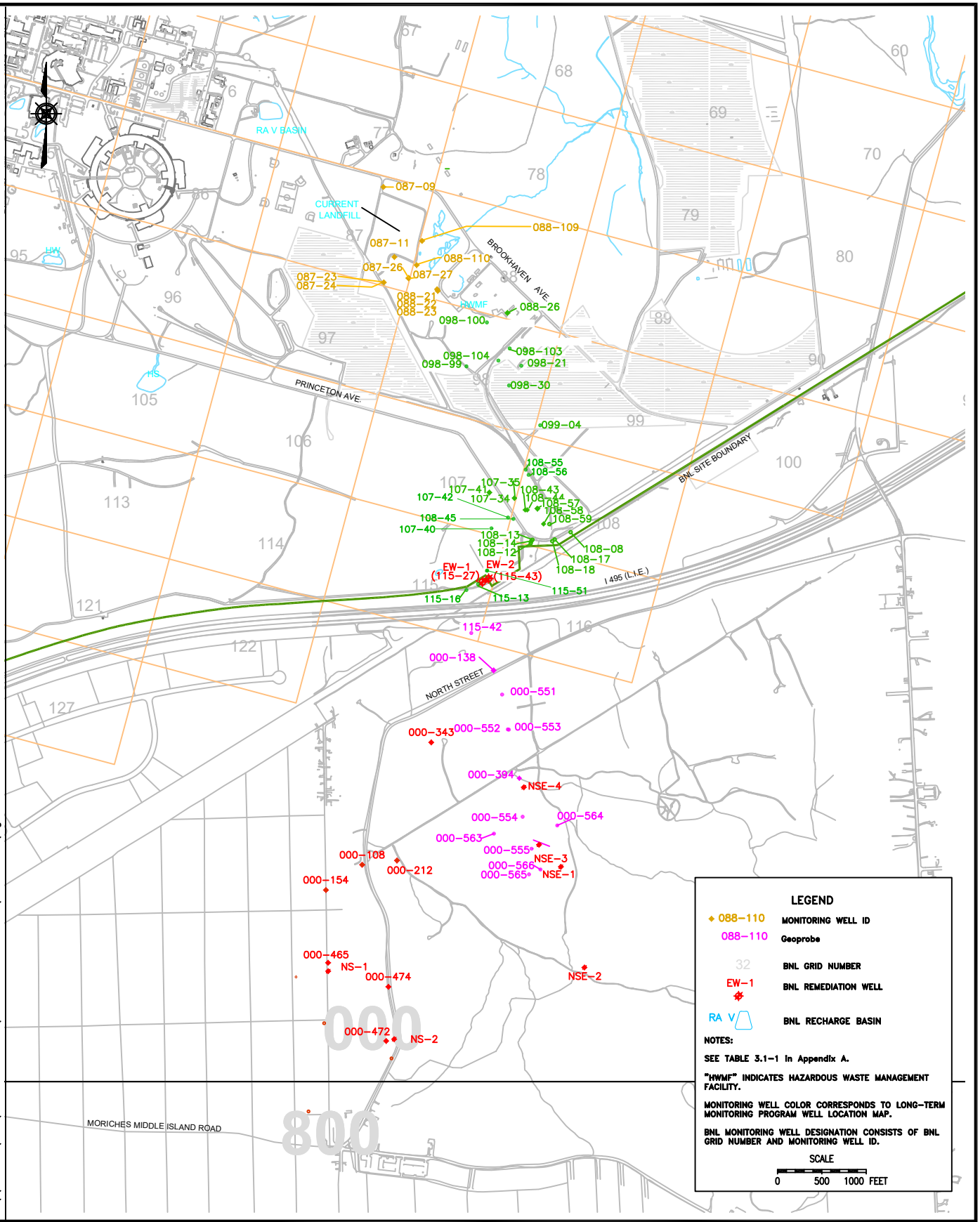
TITLE:

OU III BUILDING 96 MONITORING WELL NETWORK

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	–	06/15/18	–
CHKD:	APPD:	REV.:	NOTES:
LDS	--	07/11/25	–

FIGURE NO.: 3.6-3



\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\fig 3.7-4.DWG

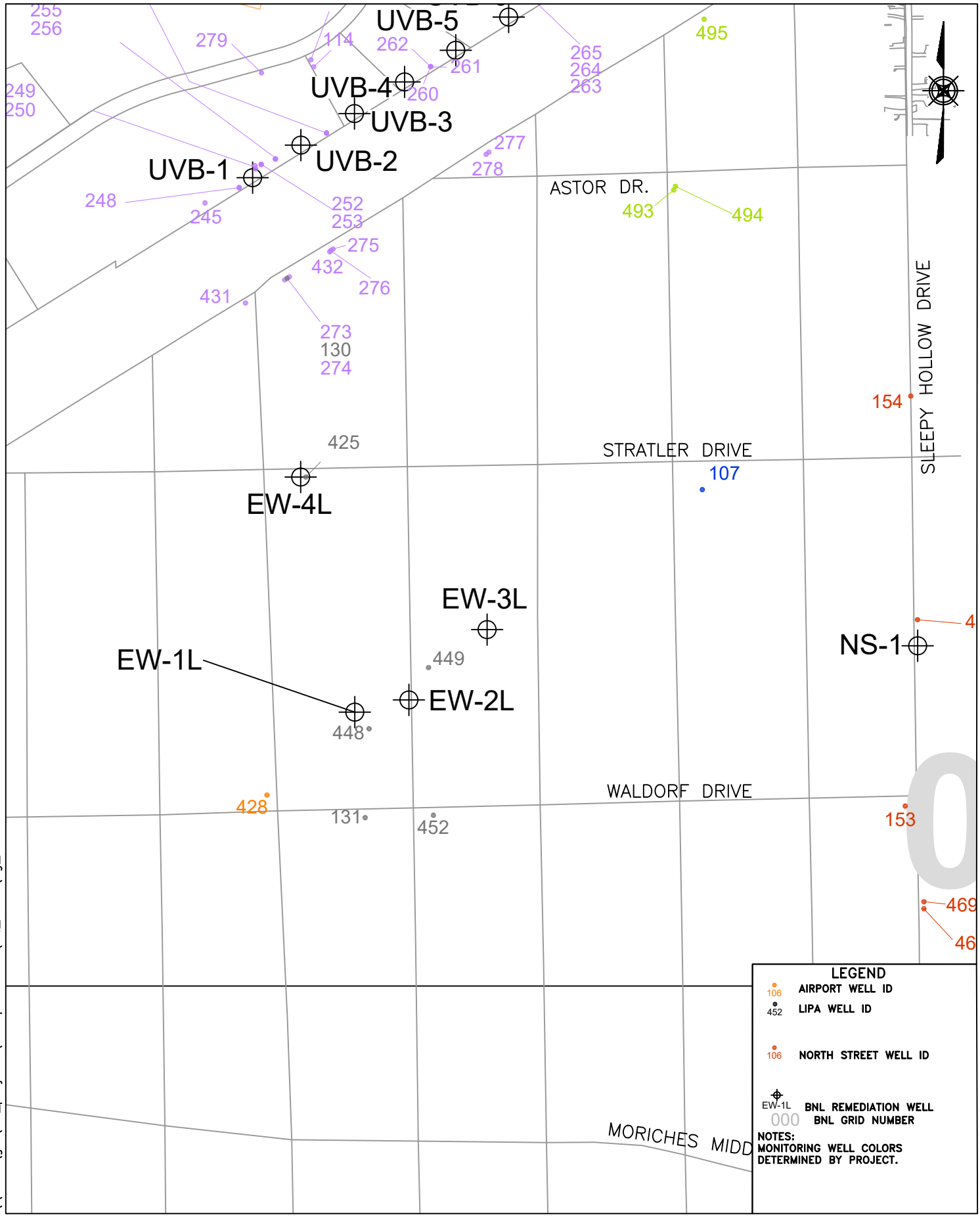
ENVIRONMENTAL PROTECTION DIVISION

TITLE:
OU I/South Boundary/Current Landfill
OUIII North Street/North Street East
MONITORING WELL NETWORK

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	08/08/11	NA
CHKD:	APPD:	REV.:	NOTES:
LDS	––	07/16/25	–

FIGURE NO.: 3.7-4



\\oernt\gis\Gw_projects\erd quarterlies\2Q_2025\fig_3.8-2.DWG

ENVIRONMENTAL PROTECTION DIVISION

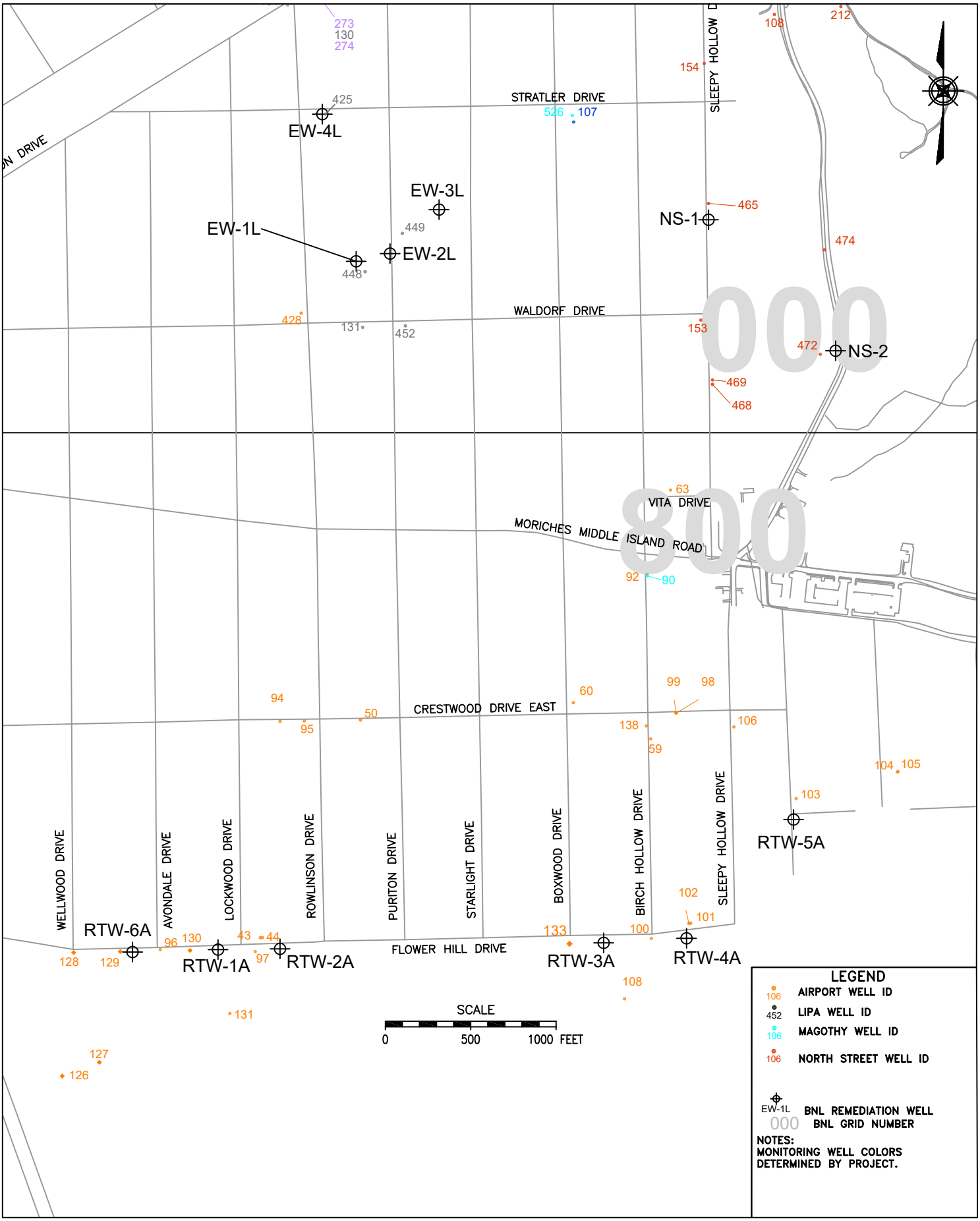
TITLE:

OU III LIPA

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS
REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	09/26/05	–
CHKD:	APPD:	REV.:	NOTES:
LDS	––	08/25/25	–

FIGURE NO.: 3.8-2



\\oernt\gis\Gw_projects\erd quarterlies\2Q_2025\fig_3.9-3.DWG

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU III AIRPORT

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS
REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	09/26/05	–
CHKD:	APPD:	REV.:	NOTES:
LDS	––	07/16/25	–

FIGURE NO.: 3.9-3

LEGEND

160 MONITORING WELL ID
GP GP WELL ID
SR-1 EXTRACTION WELL ID
75 BNL GRID NUMBER
HFBR – HIGH FLUX BEAM REACTOR
WCF – WASTE CONCENTRATION FACILITY
BGRR – BROOKHAVEN GRAPHITE RESEARCH REACTOR

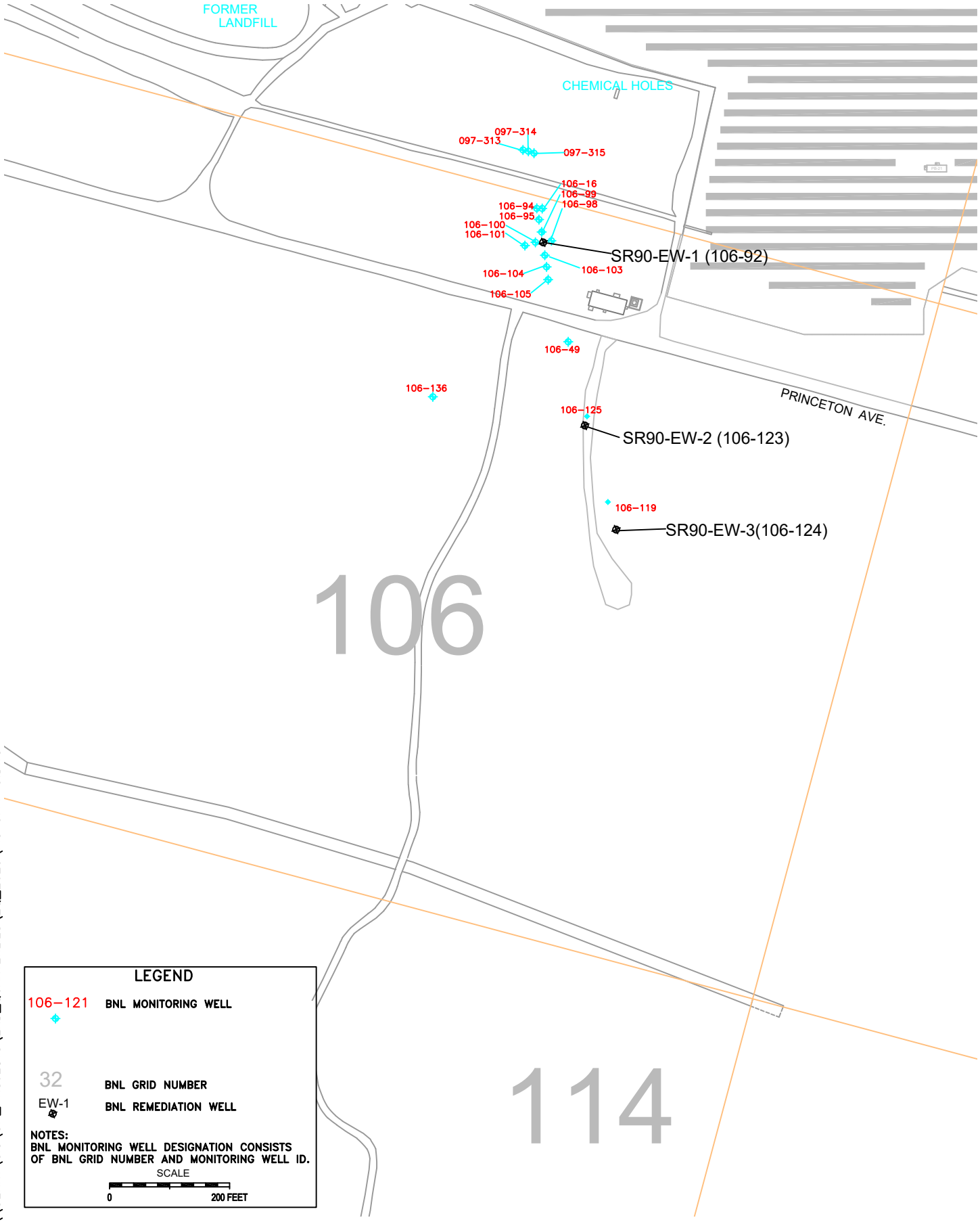
FORMER D-WASTE TANK AREA
WASTE CONCENTRATION FACILITY
BGRR
FORMER PILE FAN SUMP LOCATION
BLDG. 708 UNDG. DUCTS LOCATION
TO BLDG 855
HFBR
SR-1
SR-2
SR-3
SR-4
SR-5
SR-6
SR-7
SR-8
SR-9
64
65
75
85
COCKCROFT ST.
HENRY ST.
COSMOTRON RD.
LAWRENCE DR.
RUTHERFORD DR.
Building 701
Building 801
FORMER CANAL HOUSE
CORNELL AVENUE
CENTER STREET
PENNSYLVANIA STREET
ROAD
TECHNOLOGY STREET
BROOKHAVEN AVENUE
RAILROAD STREET
TEMPLE PLACE
GROVE STREET
BELL AVENUE
ROWLAND STREET
ROCHESTER STREET
SOUTH HARVARD STREET
SOUTH RAILROAD STREET
SEVENTH STREET
085-398
085-403
095-326
SCALE 0 150 300 FEET

\\OERNT\GIS\GW_PROJECTS\ERD_quarterlies\2Q_2025\fig 3.10-3.dwg

ENVIRONMENTAL PROTECTION DIVISION

TITLE:
OU III BGRR/WCF
SITEWIDE REMEDIATION SYSTEMS
Strontium-90
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	03/15/13	
CHKD:	APPD:	REV.:	NOTES:
LDS	--	07/11/25	
FIGURE NO.:		3.10-3	



\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\FIG 3.11-3.DWG

ENVIRONMENTAL PROTECTION DIVISION

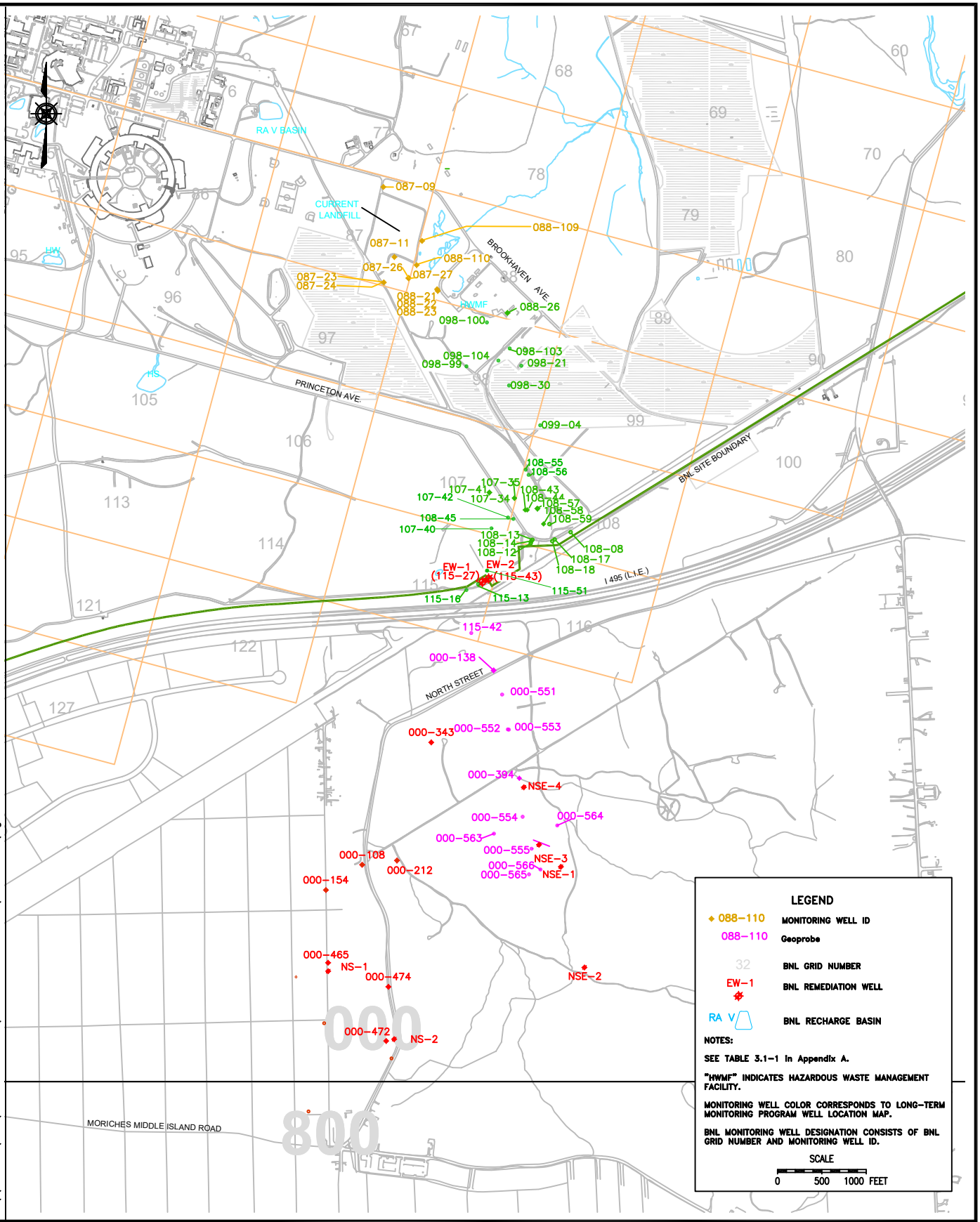
TITLE:

CHEMICAL HOLES
Sr-90 MONITORING WELL NETWORK

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	07/15/08	–
CHKD:	APPD:	REV.:	NOTES:
LDS	--	07/11/25	–

FIGURE NO.: 3.11-3



\\OERNT\GIS\GW_PROJECTS\ERD_QUARTERLIES\2Q_2025\fig 3.14-1.DWG

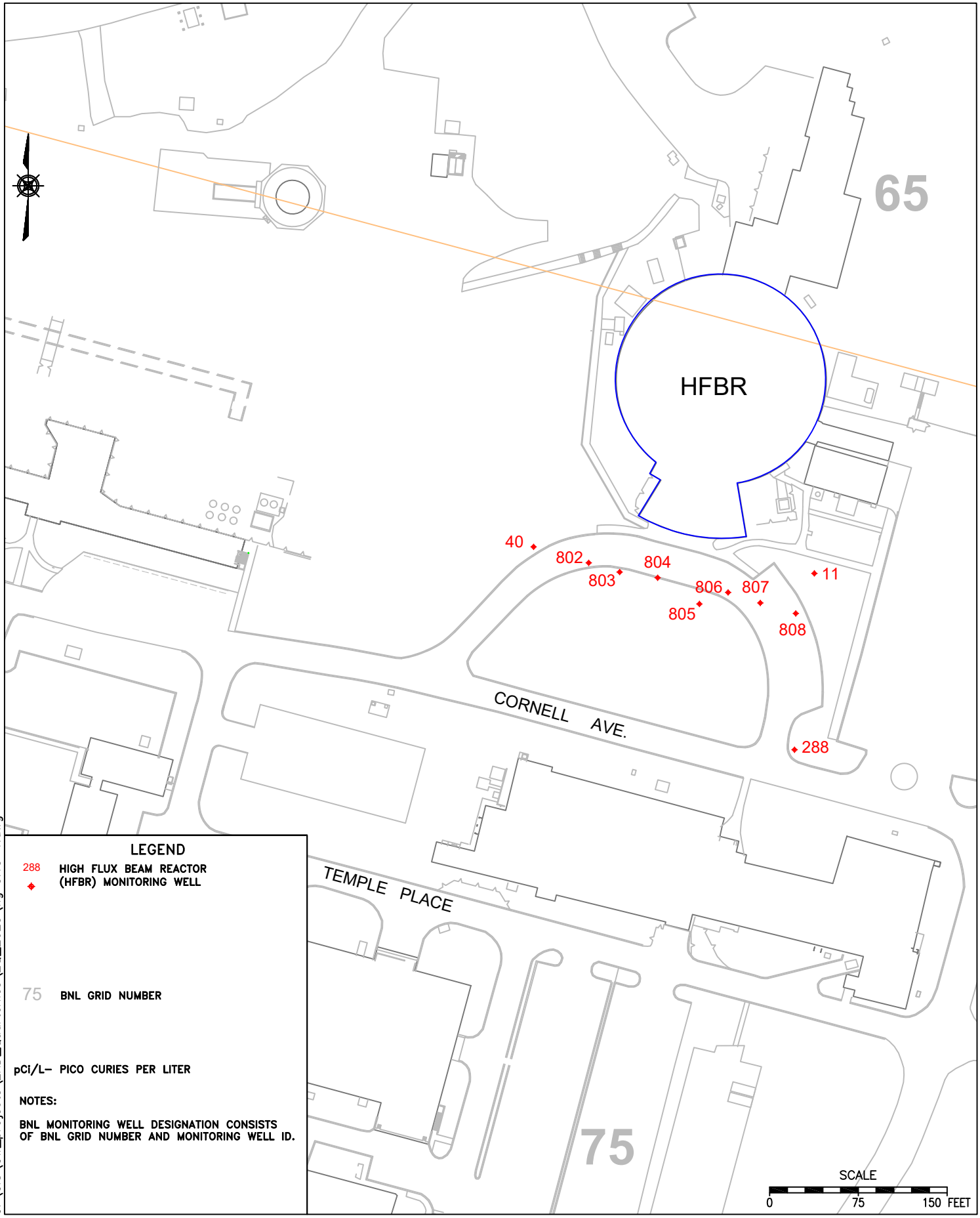
ENVIRONMENTAL PROTECTION DIVISION

TITLE:
OU I/South Boundary/Current Landfill
OUIII North Street/North Street East
MONITORING WELL NETWORK

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	08/08/11	NA
CHKD:	APPD:	REV.:	NOTES:
LDS	––	07/16/25	–

FIGURE NO.: 3.14-1



LEGEND

288 HIGH FLUX BEAM REACTOR (HFBR) MONITORING WELL

75 BNL GRID NUMBER

pCi/L– PICO CURIES PER LITER

NOTES:

BNL MONITORING WELL DESIGNATION CONSISTS OF BNL GRID NUMBER AND MONITORING WELL ID.

G:\GIS\Gw_projects\ERD_Quarterlies\2Q_2025\fig 3.15-1.dwg

ENVIRONMENTAL PROTECTION DIVISION

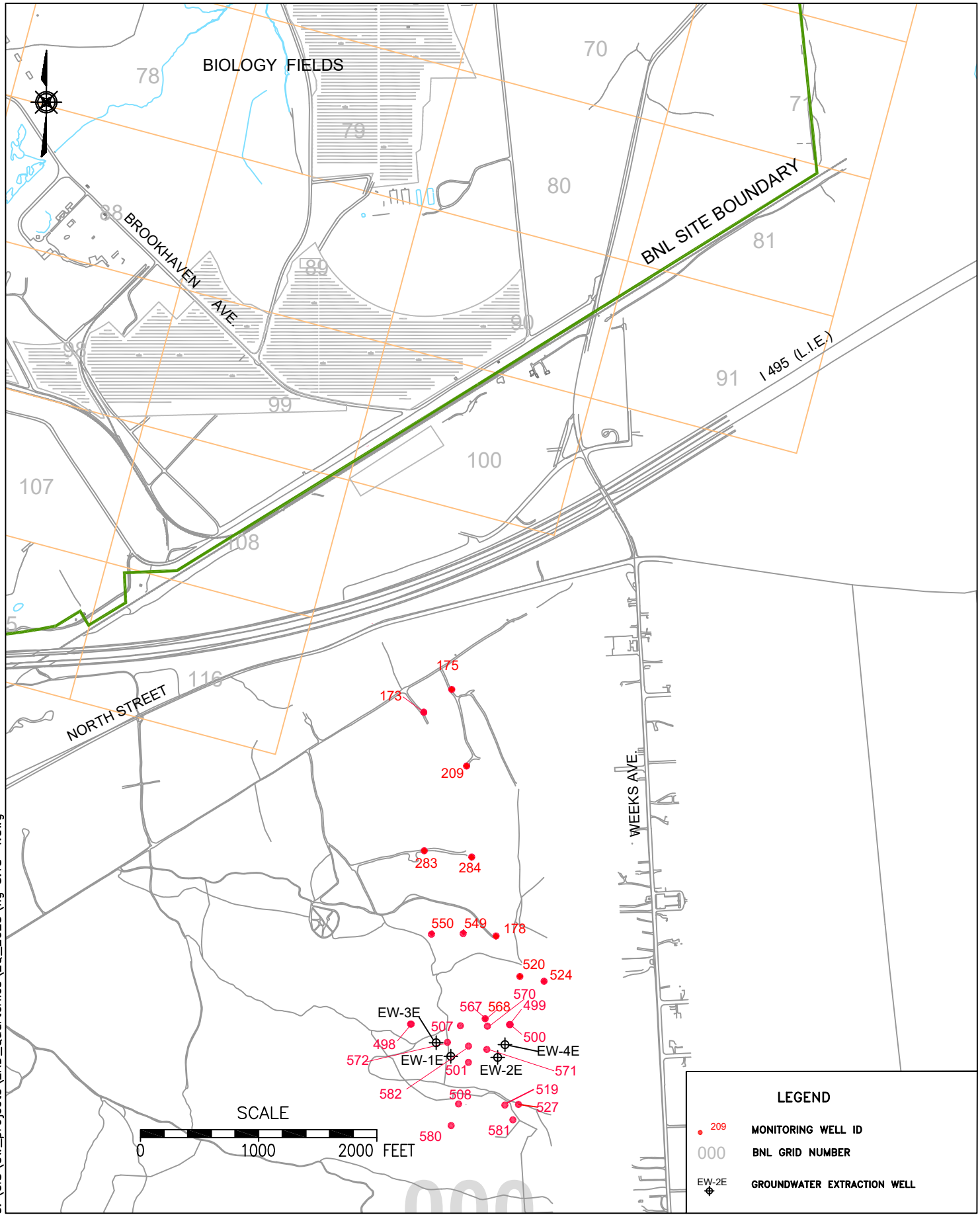
TITLE:

OU III HFBR AOC 29

SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	–	06/14/16	–
CHKD:	APPD:	REV.:	NOTES:
LDS	–	07/11/25	–

FIGURE NO.: 3.15–1



G:\GIS\Gw_projects\ERD_Quarterlies\2Q_2025\fig 3.18-4.dwg

ENVIRONMENTAL PROTECTION DIVISION

TITLE:

OU VI EDB

SITEWIDE REMEDIATION SYSTEMS
SECOUND QUARTER 2025 OPERATIONS REPORT

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
JEB	–	09/26/05	–
CHKD:	APPD:	REV.:	NOTES:
LDS	--	07/11/25	–

FIGURE NO.: 3.18-4

LEGEND

29
2.3 / ND — MONITORING WELL ID

CF-RW-A — GROUNDWATER REMEDIATION WELL

BNL-4 — POTABLE SUPPLY WELL

GENERAL GROUNDWATER FLOW DIRECTION

Water Treatment Plant Recharge Basins
Training Area
Current Fire House
CF-RW-A
CF-RW-B
BNL Paint Shop
CF-RW-C
CF-RW-D
CF-RW-E
Training Areas
Bldg. 170
CF-RW-F
CF-RW-G
CF-RW-H
CF-RW-I
Stormwater Discharge Area
Recreation Center Area
Suffolk County Water Authority William Floyd Well Field
WSB-1
WSB-2
WSB-3
WSB-4
WSB-5
WSB-6
S-54883
BNL-4
BNL-6
BNL-7
BNL-9
Drywell
HX
HP
QUIII BASIN
Well 1
Well 2
Well 3A
000-42
000-43
000-44
West Brookhaven Ave.
Woods Road
Bell Avenue
Upton Road
West Princeton Ave.
East Princeton Ave.
Cornell Ave.
Pennsylvania Street
Center Street
Rochester Street
South Harvard Street
Weaver Drive
Yale Road
York Lane
Yule Lane
East St.
Aston Road
Yaphank Road
Mendel Lane
Carver Court
William Floyd Parkway
South Gate
Route 495 EXIT RAMP
72
73
82
92
93
101
102
103
104
109
110
111
112
117
118
119
120
123
124
125
126
128
129
130

SCALE
0 500 1,000 FEET

G:\GIS\Gw_projects\ERD_Quarterlies\2Q_2025\Fig 3.19-3.dwg

Brookhaven National Laboratory
ENVIRONMENTAL PROTECTION DIVISION

TITLE:
CURRENT FIREHOUSE AND BUILDING 170 Monitoring Well Network
Sitewide Remediation System
Secound Quarter 2025 Operations report

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	–	12/20/24	–
CHKD:	APPD:	REV.:	NOTES:
LDS		08/22/25	–

FIGURE NO.: 3.19–3

LEGEND

410 MONITORING WELL ID

FF-RW-A GROUNDWATER REMEDIATION WELL

GENERAL GROUNDWATER FLOW DIRECTION

Major Petroleum Facility
Training Area
Former Roadway
Former Fire House
Training Area
Former Water Supply Well 1
Building 526
FF-RW-A
NSLS II
Former Supply and Material Area
FF-RW-B
FF-RW-C
EW-18
RTW-1
RTW-2
RTW-3
RTW-4
EW-16
EW-9
EW-10
EW-11
EW-3
EW-4
EW-5
EW-6
EW-7
EW-8
EW-12
EW-17
RW-7
RW-1
RW-2
RW-3
RW-4
RW-5
RW-6
WSB-1
WSB-2
UVB-1
UVB-2
UVB-3
UVB-4
UVB-5
UVB-6
UVB-7
IP-EW-8
IP-EW-9
DWI-1
S-54883
BNL-105
BNL-9
HO
HP
HW
OU III BASIN
RA V BASIN
V.R.M.S.
Brookhaven Avenue
Bell Avenue
Rowland Street
Temple Pl.
Weaver Dr.
S. Railroad St.
Grove St.
East Princeton Ave.
Middle Road
Fawn Path
Boundary Path
South Boundary
BNL SITE BOUNDARY
Long Island Expressway
Route 495
Carleton Drive
84 85 87 75 76 77 94 95 96 97 03 104 105 106 112 113 114 115 120 121 122 126 127 130
SCALE 0 500 1,000 FEET

G:\GIS\Gw_projects\ERD_Quarterlies\2Q_2025\Fig 3.20-3.dwg

Brookhaven National Laboratory
ENVIRONMENTAL PROTECTION DIVISION

TITLE:

Former Firehouse Permanent Monitoring Wells

Sitewide Remediation Systems
Secound Quarter 2025 Operations Report

DWN:	VT: HZ.:	DATE:	PROJECT NO.:
AJZ	–	03/21/25	–
CHKD:	APPD:	REV.:	NOTES:
LDS		08/22/25	–

FIGURE NO.: 3.20.3

TABLES

TABLE 2.0-1
Brookhaven National Laboratory
Groundwater Treatment System Monitoring for PFAS and 1,4-Dioxane
2nd Quarter 2024 through 2nd Quarter 2025

Well/Sample ID	Treatment System Extraction Well/Influent/Effluent	2nd Quarter 2024			4th Quarter 2024			1st Quarter 2025			2nd Quarter 2025		
		1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA
		0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L
OU III Western South Boundary, Middle Road, and South Boundary Treatment Systems (Status: Active)													
Western South Boundary													
126-12	WSB-1	NS	NS	NS	NS	NS	NS	1.9	5.1	5.64	NS	NS	NS
127-05	WSB-2	NS	NS	NS	NS	NS	NS	2.8	2.92	2	NS	NS	NS
111-17	WSB-3	NS	NS	NS	NS	NS	NS	2	9.03	3.08	NS	NS	NS
119-13	WSB-4	NS	NS	NS	NS	NS	NS	2.1	7.38	2.49	NS	NS	NS
130-12	WSB-5	NS	NS	NS	NS	NS	NS	5.9	3.31	2.81	NS	NS	NS
130-13	WSB-6	NS	NS	NS	NS	NS	NS	6.1	1.87U	2.01U	NS	NS	NS
121-55	WSB Influent to System	6.3B	1.83U	1.98U	3.7	5.44	3.22	3.8	5.84	3.08	4.1	2.6	2.3
Middle Road													
113-23	Middle Road RW-1	NS	NS	NS	NS	NS	NS	0.25	14.6	5.87	NS	NS	NS
113-24	Middle Road RW-2	NS	NS	NS	NS	NS	NS	0.44	13	6.94	NS	NS	NS
113-25	Middle Road RW-3	NS	NS	NS	NS	NS	NS	1.1	2.05	2.36	NS	NS	NS
113-26	Middle Road RW-4	NS	NS	NS	NS	NS	NS	1.8	5.55	6.91	NS	NS	NS
113-27	Middle Road RW-5	NS	NS	NS	NS	NS	NS	1.5	2.5	1.77	NS	NS	NS
106-66	Middle Road RW-6	NS	NS	NS	NS	NS	NS	2.1	7.91	2.51	NS	NS	NS
113-33	Middle Road RW-7	NS	NS	NS	NS	NS	NS	1.2	3.84	4.36	NS	NS	NS
113-34	Middle Road Influent to System	1.1B	8.43	6.1	0.93	7.34	4.83	0.78	9.34	5.1	0.74	9.4	7.3
South Boundary													
121-17	OU III South Boundary EW-3	NS	NS	NS	NS	NS	NS	1.2	2.07	1.91U	NS	NS	NS
121-16	OU III South Boundary EW-4	NS	NS	NS	NS	NS	NS	0.15J	20.2	9.44	NS	NS	NS
121-15	OU III South Boundary EW-5	NS	NS	NS	NS	NS	NS	0.56	NS	NS	NS	NS	NS
122-14	OU III South Boundary EW-6	NS	NS	NS	NS	NS	NS	0.95	11.2	5.44	NS	NS	NS
122-13	OU III South Boundary EW-7	NS	NS	NS	NS	NS	NS	0.9	16.3	5.83	NS	NS	NS
122-12	OU III South Boundary EW-8	NS	NS	NS	NS	NS	NS	0.21J	37.6	11.5	NS	NS	NS
121-46	OU III South Boundary EW-17	NS	NS	NS	NS	NS	NS	0.87	8.26	7.28	NS	NS	NS
121-41	South Boundary Influent to System	1.1B	8.3	6.97	1	7.28	7.27	0.88	7.93	7.33	0.65	9.3	9.8
WSB/MR/SB Combined System Effluent*													
095-270	OUIII Combined System Effluent	1.6B	6.2	4.68	NS	NS	NS	NS	NS	NS	NS	NS	NS
095-126	OUIII Combined System Effluent	NS	NS	NS	1.6	5.29	4.4	1.6	5.33	3.97	1.6	3.8	4.9

TABLE 2.0-1
Brookhaven National Laboratory
Groundwater Treatment System Monitoring for PFAS and 1,4-Dioxane
2nd Quarter 2024 through 2nd Quarter 2025

Well/Sample ID	Treatment System Extraction Well/Influent/Effluent	2nd Quarter 2024			4th Quarter 2024			1st Quarter 2025			2nd Quarter 2025		
		1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA
		0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L
OU III LIPA/Airport VOC Treatment System (Status: LIPA in Standby, AP Active)													
000-453	LIPA EW-1L	NS	NS	NS	NS	NS	NS	1.4	4.3	1.78U	NS	NS	NS
000-455	LIPA EW-2L	NS	NS	NS	NS	NS	NS	0.32	4.63	1.76U	NS	NS	NS
000-457	LIPA EW-3L	NS	NS	NS	NS	NS	NS	0.24U	1.69U	1.82U	NS	NS	NS
000-461	LIPA EW-4L	NS	NS	NS	NS	NS	NS	0.25U	1.67U	1.8U	NS	NS	NS
800-109	AP RTW-1A	NS	NS	NS	NS	NS	NS	1.24U	8.47DU	3.02	NS	NS	NS
800-110	AP RTW-2A	NS	NS	NS	NS	NS	NS	0.81	1.71U	1.84U	NS	NS	NS
800-111	AP RTW-3A	NS	NS	NS	NS	NS	NS	0.43	1.76U	2.59	NS	NS	NS
800-112	AP RTW-4A	NS	NS	NS	NS	NS	NS	0.92	1.82U	1.96U	NS	NS	NS
800-113	AP RTW-5A	NS	NS	NS	NS	NS	NS	0.79	1.84U	1.98U	NS	NS	NS
800-132	AP RTW-6A	NS	NS	NS	NS	NS	NS	0.42	1.94	4.54	NS	NS	NS
800-122	LIPA/AP System Influent	1	1.86U	3.5	1.1	1.81U	3.11	0.54	1.75U	1.89U	0.76	1.7	5.1
800-124	LIPA/AP System Effluent	1.1	1.69U	1.82U	1.1	1.8U	1.9U	0.97	1.81U	1.95U	0.78	1.5U	1.5U
OU III North Street East VOC/EDB Treatment System (Status: Active)													
000-561	NSE-EDB-EW3	NS	NS	NS	NS	NS	NS	0.3	1.71U	1.85U	NS	NS	NS
000-562	NSE-EDB-EW4	NS	NS	NS	NS	NS	NS	0.26	1.71U	2.31	NS	NS	NS
000-441	NSE System Influent	0.52	1.72U	2.02	0.47	1.76U	3.01	0.33	1.68U	1.81U	0.76	0.84J	2.8
000-444	NSE System Effluent	0.51	1.73U	1.86	0.45	1.84U	1.98U	0.31	1.79U	1.93U	0.43	1.6U	1.6U
OU VI EDB Treatment System (Status: Active)													
000-503	EW-1E	NS	NS	NS	NS	NS	NS	0.24U	NS	NS	NS	NS	NS
000-504	EW-2E	NS	NS	NS	NS	NS	NS	0.26U	NS	NS	NS	NS	NS
000-578	EW-3E	NS	NS	NS	NS	NS	NS	0.2J	NS	NS	NS	NS	NS
000-579	EW-4E	NS	NS	NS	NS	NS	NS	0.24J	NS	NS	NS	NS	NS
000-512	EDB System Influent	0.23	NS	NS	0.2	NS	NS	0.22J	NS	NS	0.26U	NS	NS
000-510	EDB System Effluent	0.24	NS	NS	0.2	NS	NS	0.19J	NS	NS	0.27	NS	NS

TABLE 2.0-1
Brookhaven National Laboratory
Groundwater Treatment System Monitoring for PFAS and 1,4-Dioxane
2nd Quarter 2024 through 2nd Quarter 2025

Well/Sample ID	Treatment System Extraction Well/Influent/Effluent	2nd Quarter 2024			4th Quarter 2024			1st Quarter 2025			2nd Quarter 2025		
		1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA	1,4-Dioxane	PFOS	PFOA
		0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L	0.35 ug/L	2.7 ng/L	6.7 ng/L
BGRR/WCF Sr-90 Treatment System (Status: Active)													
065-368	BGRR/WCF SR-1	NS	NS	NS	NS	NS	NS	0.25U	23.1	7.23	NS	NS	NS
065-369	BGRR/WCF SR-2	NS	NS	NS	NS	NS	NS	0.24U	9.68	3.35	NS	NS	NS
075-676	BGRR/WCF SR-3**	NS	NS	NS	NS	NS	NS	0.23U	4.05	3.97	NS	NS	NS
075-677	BGRR/WCF SR-4	NS	NS	NS	NS	NS	NS	0.25U	3.88	1.87	NS	NS	NS
075-678	BGRR/WCF SR-5	NS	NS	NS	NS	NS	NS	0.24U	4.28	2.98	NS	NS	NS
065-403	BGRR/WCF SR-6	NS	NS	NS	NS	NS	NS	0.27U	9.08	3.86	NS	NS	NS
075-702	BGRR/WCF SR-7	NS	NS	NS	NS	NS	NS	0.25U	2.93	1.79U	NS	NS	NS
075-703	BGRR/WCF SR-8	NS	NS	NS	NS	NS	NS	0.24U	4.02	1.88	NS	NS	NS
075-704	BGRR/WCF SR-9	NS	NS	NS	NS	NS	NS	0.24U	5.01	3.11	NS	NS	NS
066-216	BGRR/WCF System Influent	0.2U	13.5	4.64	0.2U	10.2	4.21	0.27U	10.8	4.2	0.27U	11.8	3.87
Carbon Midpoint	BGRR/WCF System Midpoint	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
066-219	BGRR/WCF System Effluent	0.2U	5.22	5.35	0.2U	7.07	4.87	0.24U	8.2	5.02	0.24U	9.26	5.68

APPENDIX A

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 000-441 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/11/2025	21.64	--	--	NG/L	0.00		
1,4-Dioxane	04/11/2025	0.76	0.26	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/11/2025	3.1	3.1	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/11/2025	7.8	7.8	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/11/2025	7.8	7.8	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/11/2025	3.1	3.1	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/11/2025	3.1	3.1	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/11/2025	3.1	3.1	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/11/2025	1.2	1.2	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/11/2025	7.8	7.8	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/11/2025	7.8	7.8	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	04/11/2025	14	3.1	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	04/11/2025	4	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorononanesulfonate (PFNS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 000-441 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorononanoic acid (PFNA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctane sulfonamide (PFOSAm)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/11/2025	0.84	1.6	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	04/11/2025	2.8	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	

Site ID : 000-512 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,4-Dioxane	04/03/2025	0.26	0.26	--	UG/L	0.00	U	

Site ID : 066-216 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/02/2025	17.6	--	--	NG/L	0.00		
1,4-Dioxane	04/02/2025	0.27	0.27	--	UG/L	0.00	U	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/02/2025	7.07	7.07	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/02/2025	7.18	7.18	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/02/2025	37.4	37.4	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/02/2025	37.4	37.4	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/02/2025	7.48	7.48	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/02/2025	7.07	7.07	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/02/2025	7	7	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/02/2025	7.02	7.02	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/02/2025	7.11	7.11	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/02/2025	7.48	7.48	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/02/2025	18.7	18.7	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/02/2025	18.7	18.7	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/02/2025	3.74	3.74	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 066-216 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/02/2025	3.33	3.33	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/02/2025	3.74	3.74	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/02/2025	3.74	3.74	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/02/2025	1.66	1.66	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	04/02/2025	7.48	7.48	--	NG/L	0.00	U	
Perfluorodecanesulfonate (PFDS)	04/02/2025	1.81	1.81	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/02/2025	1.81	1.81	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/02/2025	1.78	1.78	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	04/02/2025	1.71	1.71	--	NG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorononanesulfonate (PFNS)	04/02/2025	1.8	1.8	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/02/2025	1.93	1.87	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/02/2025	11.8	1.74	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/02/2025	3.87	1.87	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/02/2025	1.76	1.76	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/02/2025	1.87	1.87	--	NG/L	0.00	U	
1633 TPFAS	05/08/2025	29.46	--	--	NG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	05/08/2025	7.03	7.03	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	05/08/2025	7.14	7.14	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	05/08/2025	37.2	37.2	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	05/08/2025	37.2	37.2	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	05/08/2025	7.44	7.44	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	05/08/2025	7.03	7.03	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	05/08/2025	6.95	6.95	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	05/08/2025	6.97	6.97	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	05/08/2025	7.06	7.06	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 066-216 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	05/08/2025	7.44	7.44	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	05/08/2025	18.6	18.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	05/08/2025	18.6	18.6	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	05/08/2025	3.72	3.72	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	05/08/2025	3.31	3.31	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	05/08/2025	3.72	3.72	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	05/08/2025	3.72	3.72	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	05/08/2025	1.65	1.65	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	05/08/2025	7.75	7.44	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	05/08/2025	1.79	1.79	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	05/08/2025	1.8	1.8	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	05/08/2025	1.77	1.77	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	05/08/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	05/08/2025	2.23	1.86	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	05/08/2025	1.79	1.79	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	05/08/2025	1.99	1.86	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	05/08/2025	12.7	1.73	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/08/2025	4.79	1.86	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/08/2025	1.75	1.75	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
1633 TPFAS	06/18/2025	23.97	--	--	NG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	06/18/2025	7.02	7.02	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 066-216 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	06/18/2025	7.13	7.13	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	06/18/2025	37.2	37.2	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	06/18/2025	37.2	37.2	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	06/18/2025	7.43	7.43	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	06/18/2025	7.02	7.02	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	06/18/2025	6.95	6.95	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	06/18/2025	6.97	6.97	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	06/18/2025	7.06	7.06	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	06/18/2025	7.43	7.43	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	06/18/2025	18.6	18.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	06/18/2025	18.6	18.6	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	06/18/2025	3.72	3.72	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	06/18/2025	3.31	3.31	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	06/18/2025	3.72	3.72	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	06/18/2025	3.72	3.72	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	06/18/2025	1.65	1.65	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	06/18/2025	7.55	7.43	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	06/18/2025	1.79	1.79	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	06/18/2025	1.8	1.8	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	06/18/2025	1.77	1.77	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	06/18/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorononanesulfonate (PFNS)	06/18/2025	1.79	1.79	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorooctane sulfonamide (PFOSAm)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	06/18/2025	12.4	1.72	--	NG/L	0.00		

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 066-216 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanoic acid (PFOA)	06/18/2025	4.02	1.86	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/18/2025	1.75	1.75	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	06/18/2025	1.86	1.86	--	NG/L	0.00	U	

Site ID : 113-34 (Combo Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	57.21	--	--	NG/L	0.00		
1,4-Dioxane	04/03/2025	0.74	0.27	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/03/2025	3.4	3.4	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/03/2025	8.5	8.5	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/03/2025	8.5	8.5	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/03/2025	3.4	3.4	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/03/2025	3.4	3.4	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/03/2025	3.4	3.4	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/03/2025	1.3	1.3	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/03/2025	8.5	8.5	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/03/2025	8.5	8.5	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.8	1.7	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/03/2025	7.7	3.4	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 113-34 (Combo Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorodecanoic acid (PFDA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/03/2025	0.99	1.7	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	20	1.7	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	3.8	1.7	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/03/2025	2.4	1.7	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/03/2025	0.82	1.7	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	9.4	1.7	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	7.3	1.7	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.1	1.7	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.9	1.7	--	NG/L	0.00		
Perfluorotetradecanoic acid (PFTeDA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	

Site ID : 121-41 (System Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	74.14	--	--	NG/L	0.00		
1,4-Dioxane	04/03/2025	0.65	0.26	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/03/2025	8	8	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/03/2025	8	8	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/03/2025	1.2	1.2	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 121-41 (System Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/03/2025	8	8	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/03/2025	8	8	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.7	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/03/2025	7.7	3.2	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	35	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	4.9	1.6	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/03/2025	0.74	1.6	--	NG/L	0.00	J	
Perfluorooctane sulfonamide (PFOSAm)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/03/2025	9.3	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	9.8	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	2	1.6	--	NG/L	0.00		
Perfluorotetradecanoic acid (PFTeDA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	

Site ID : 121-55

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	18.34	--	--	NG/L	0.00		
1,4-Dioxane	04/03/2025	4.1	0.26	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 121-55

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/03/2025	3.3	3.3	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/03/2025	8.3	8.3	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/03/2025	8.3	8.3	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/03/2025	3.3	3.3	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/03/2025	3.3	3.3	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/03/2025	3.3	3.3	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/03/2025	1.2	1.2	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/03/2025	8.3	8.3	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/03/2025	8.3	8.3	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/03/2025	0.91	1.7	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/03/2025	5.1	3.3	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	6.5	1.7	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	0.93	1.7	--	NG/L	0.00	J	
Perfluorononanesulfonate (PFNS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorooctane sulfonamide (PFOSAm)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/03/2025	2.6	1.7	--	NG/L	0.00		

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 121-55

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanoic acid (PFOA)	04/03/2025	2.3	1.7	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/03/2025	1.7	1.7	--	NG/L	0.00	U	

Site ID : 800-122 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	59.38	--	--	NG/L	0.00		
1,4-Dioxane	04/09/2025	0.76	0.25	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/09/2025	6.7	3.1	--	NG/L	0.00		
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/09/2025	1.1	1.1	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/09/2025	4.2	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/09/2025	6.6	3.1	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	

Table 2.0-2
Treatment Systems - Emerging Contaminants Influent Data
'Hits Only' April through June 2025

Site ID : 800-122 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorodecanoic acid (PFDA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/09/2025	3.8	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	2.9	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/09/2025	11	1.5	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/09/2025	0.38	1.5	--	NG/L	0.00	J	
Perfluorooctane sulfonamide (PFOSAm)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/09/2025	1.7	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	5.1	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/09/2025	17	1.5	--	NG/L	0.00		
Perfluorotetradecanoic acid (PFTeDA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 000-444 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/11/2025	0	--	--	NG/L	0.00		
1,4-Dioxane	04/11/2025	0.43	0.25	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/11/2025	3.2	3.2	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/11/2025	7.9	7.9	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/11/2025	7.9	7.9	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/11/2025	3.2	3.2	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/11/2025	3.2	3.2	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/11/2025	3.2	3.2	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/11/2025	1.2	1.2	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/11/2025	7.9	7.9	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/11/2025	7.9	7.9	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	04/11/2025	3.2	3.2	--	NG/L	0.00	U	
Perfluorodecanesulfonate (PFDS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorononanesulfonate (PFNS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 000-444 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorononanoic acid (PFNA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctane sulfonamide (PFOSAm)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctanoic acid (PFOA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoropentanesulfonate (PFPeS)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/11/2025	1.6	1.6	--	NG/L	0.00	U	

Site ID : 000-510 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,4-Dioxane	04/03/2025	0.27	0.26	--	UG/L	0.00		

Site ID : 066-219 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/02/2025	21.19	--	--	NG/L	0.00		
1,4-Dioxane	04/02/2025	0.24	0.24	--	UG/L	0.00	U	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/02/2025	7.13	7.13	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/02/2025	7.24	7.24	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/02/2025	37.7	37.7	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/02/2025	37.7	37.7	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/02/2025	7.54	7.54	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/02/2025	7.13	7.13	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/02/2025	7.05	7.05	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/02/2025	7.07	7.07	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/02/2025	7.17	7.17	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/02/2025	7.54	7.54	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/02/2025	18.9	18.9	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/02/2025	18.9	18.9	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/02/2025	3.77	3.77	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 066-219 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/02/2025	3.36	3.36	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/02/2025	3.77	3.77	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/02/2025	3.77	3.77	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/02/2025	1.67	1.67	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	04/02/2025	7.54	7.54	--	NG/L	0.00	U	
Perfluorodecanesulfonate (PFDS)	04/02/2025	1.82	1.82	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/02/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/02/2025	1.8	1.8	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	04/02/2025	2.11	1.72	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/02/2025	2.07	1.89	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	04/02/2025	1.81	1.81	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/02/2025	2.07	1.89	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/02/2025	9.26	1.75	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/02/2025	5.68	1.89	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/02/2025	1.77	1.77	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/02/2025	1.89	1.89	--	NG/L	0.00	U	
1633 TPFAS	05/08/2025	32.57	--	--	NG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	05/08/2025	7.28	7.28	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	05/08/2025	7.39	7.39	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	05/08/2025	38.5	38.5	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	05/08/2025	38.5	38.5	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	05/08/2025	7.7	7.7	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	05/08/2025	7.28	7.28	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	05/08/2025	7.2	7.2	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	05/08/2025	7.22	7.22	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	05/08/2025	7.31	7.31	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 066-219 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	05/08/2025	7.7	7.7	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	05/08/2025	19.2	19.2	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	05/08/2025	19.2	19.2	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	05/08/2025	3.85	3.85	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	05/08/2025	3.43	3.43	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	05/08/2025	3.85	3.85	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	05/08/2025	3.85	3.85	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	05/08/2025	1.71	1.71	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	05/08/2025	7.97	7.7	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	05/08/2025	1.86	1.86	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	05/08/2025	1.87	1.87	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	05/08/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	05/08/2025	2.51	1.76	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/08/2025	2.34	1.92	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	05/08/2025	1.85	1.85	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	05/08/2025	2.37	1.92	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	05/08/2025	10.9	1.79	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/08/2025	6.48	1.92	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/08/2025	1.81	1.81	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	05/08/2025	1.92	1.92	--	NG/L	0.00	U	
1633 TPFAS	06/18/2025	0	--	--	NG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	06/18/2025	6.94	6.94	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 066-219 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	06/18/2025	7.05	7.05	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	06/18/2025	36.7	36.7	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	06/18/2025	36.7	36.7	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	06/18/2025	7.34	7.34	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	06/18/2025	6.94	6.94	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	06/18/2025	6.86	6.86	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	06/18/2025	6.88	6.88	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	06/18/2025	6.97	6.97	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	06/18/2025	7.34	7.34	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	06/18/2025	18.3	18.3	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	06/18/2025	18.3	18.3	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	06/18/2025	3.67	3.67	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	06/18/2025	3.27	3.27	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	06/18/2025	3.67	3.67	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	06/18/2025	3.67	3.67	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	06/18/2025	1.63	1.63	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	06/18/2025	7.34	7.34	--	NG/L	0.00	U	
Perfluorodecanesulfonate (PFDS)	06/18/2025	1.77	1.77	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	06/18/2025	1.78	1.78	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	06/18/2025	1.75	1.75	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	06/18/2025	1.68	1.68	--	NG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorononanesulfonate (PFNS)	06/18/2025	1.77	1.77	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorooctane sulfonamide (PFOSAm)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	06/18/2025	1.7	1.7	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 066-219 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanoic acid (PFOA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluoropentanesulfonate (PFPeS)	06/18/2025	1.73	1.73	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	06/18/2025	1.83	1.83	--	NG/L	0.00	U	

Site ID : 095-126 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	41.83	--	--	NG/L	0.00		
1,4-Dioxane	04/03/2025	1.6	0.26	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/03/2025	7.9	7.9	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/03/2025	7.9	7.9	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/03/2025	3.2	3.2	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/03/2025	1.2	1.2	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/03/2025	7.9	7.9	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/03/2025	7.9	7.9	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/03/2025	7.1	3.2	--	NG/L	0.00		
Perfluorodecanesulfonate (PFDS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 095-126 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorodecanoic acid (PFDA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/03/2025	0.99	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	17	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	3	1.6	--	NG/L	0.00		
Perfluorononanesulfonate (PFNS)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/03/2025	0.94	1.6	--	NG/L	0.00	J	
Perfluorooctane sulfonamide (PFOSAm)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/03/2025	3.8	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	4.9	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorotetradecanoic acid (PFTeDA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/03/2025	1.6	1.6	--	NG/L	0.00	U	

Site ID : 800-124 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	1.3	--	--	NG/L	0.00		
1,4-Dioxane	04/09/2025	0.78	0.25	--	UG/L	0.00		
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
1H, 1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2 FTS)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorodecanoic acid (7:3 FTCA)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
2H,2H,3H,3H-Perfluorooctanoic acid (5:3 FTCA)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
4,4,5,5,6,6-Heptafluorohexanoic acid (3:3 FTCA)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
4,8-Dioxa-3H-perfluorononanoic acid (DONA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Fluorotelomer sulfonate 4:2 (4:2 FTS)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/09/2025	3.1	3.1	--	NG/L	0.00	U	
Hexafluoropropyleneoxide dimer acid (HFPO-DA)(Gen-X)	04/09/2025	1.1	1.1	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamide (EtFOSAm)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	

Table 2.0-3
Treatment Systems - Emerging Contaminants Effluent Data
'Hits Only' April through June 2025

Site ID : 800-124 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamide (NMeFOSAA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido acetic acid (NMeFOSAA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/09/2025	7.6	7.6	--	NG/L	0.00	U	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoro-3-methoxypropanoic acid (PFMPA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoro-4-methoxybutanoic acid (PFMBA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorobutanesulfonate (PFBS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorobutyric acid (PFBA)	04/09/2025	1.3	3.1	--	NG/L	0.00	J	
Perfluorodecanesulfonate (PFDS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorodecanoic acid (PFDA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorododecane sulfonic acid (PFDoS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorododecanoic acid (PFDoA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoroheptanesulfonate (PFHpS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoroheptanoic acid (PFHpA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorohexanesulfonate (PFHxS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorononanesulfonate (PFNS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorononanoic acid (PFNA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorooctane sulfonamide (PFOSAm)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorooctanesulfonate (PFOS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorooctanoic acid (PFOA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoropentanesulfonate (PFPeS)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoropentanoic acid (PFPeA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorotetradecanoic acid (PFTeDA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluorotridecanoic acid (PFTrDA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	
Perfluoroundecanoic acid (PFUdA)	04/09/2025	1.5	1.5	--	NG/L	0.00	U	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

APPENDIX B

Table 3.1-1
OU I RA V South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 087-09

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/03/2025	1.59	--	--	UG/L	30.00		
Alkalinity (as CaCO3)	06/03/2025	36.6	0.725	--	MG/L	30.00		
Barium	06/03/2025	18.9	1	--	UG/L	30.00	B	
Calcium	06/03/2025	12200	50	--	UG/L	30.00		
Chloride	06/03/2025	24.7	0.268	--	MG/L	30.00		
Chromium	06/03/2025	115	1	--	UG/L	30.00		
Iron	06/03/2025	488	30	--	UG/L	30.00		
Magnesium	06/03/2025	4130	110	--	UG/L	30.00	B	
Manganese	06/03/2025	21.2	2	--	UG/L	30.00		
Methylene chloride	06/03/2025	1.59	0.5	--	UG/L	30.00	J	
Nickel	06/03/2025	96.5	1.5	--	UG/L	30.00		
Nitrate (as N)	06/03/2025	1.52	0.132	--	MG/L	30.00		
Nitrite + Nitrate-N	06/03/2025	1.74	0.085	--	MG/L	30.00		
Nitrogen	06/03/2025	1.74	0.085	--	MG/L	30.00		
Potassium	06/03/2025	1140	50	--	UG/L	30.00	B	
Sodium	06/03/2025	19000	100	--	UG/L	30.00		
Sulfate	06/03/2025	14.3	0.133	--	MG/L	30.00		
TDS	06/03/2025	11.5	0.322	--	MG/L	30.00		
Thallium	06/03/2025	0.633	0.6	--	UG/L	30.00	B	
TSS	06/03/2025	1.7	0.57	--	MG/L	30.00	J	
Zinc	06/03/2025	8.48	3.3	--	UG/L	30.00	B	

Site ID : 087-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/04/2025	3.1	--	--	UG/L	16.00		
Alkalinity (as CaCO3)	06/04/2025	150	0.725	--	MG/L	16.00		
Ammonia (as N)	06/04/2025	3.99	0.085	--	MG/L	16.00		
Arsenic	06/04/2025	9.17	2	--	UG/L	16.00		
Barium	06/04/2025	39.7	1	--	UG/L	16.00	B	
Benzene	06/04/2025	1.66	0.5	--	UG/L	16.00		
Calcium	06/04/2025	16600	50	--	UG/L	16.00		
Chloride	06/04/2025	21.6	0.335	--	MG/L	16.00		
Chloroethane	06/04/2025	1.44	0.5	--	UG/L	16.00		
Cobalt	06/04/2025	1.16	1	--	UG/L	16.00	B	

Table 3.1-1
OU I RA V South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 087-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Iron	06/04/2025	73400	30	--	UG/L	16.00		
Magnesium	06/04/2025	4010	110	--	UG/L	16.00	B	
Manganese	06/04/2025	951	2	--	UG/L	16.00		
Nitrate (as N)	06/04/2025	0.291	0.165	--	MG/L	16.00	J	
Nitrogen	06/04/2025	5.96	0.33	--	MG/L	16.00		
Potassium	06/04/2025	4360	50	--	UG/L	16.00	B	
Sodium	06/04/2025	13800	100	--	UG/L	16.00		
Sulfate	06/04/2025	14.4	0.133	--	MG/L	16.00		
TDS	06/04/2025	239	2.38	--	MG/L	16.00		
Total Kjeldahl Nitrogen	06/04/2025	5.95	0.33	--	MG/L	16.00		
TSS	06/04/2025	25.9	1.97	--	MG/L	16.00		

Site ID : 087-23

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/04/2025	2.04	--	--	UG/L	35.00		
Alkalinity (as CaCO3)	06/04/2025	58.4	0.725	--	MG/L	35.00		
Ammonia (as N)	06/04/2025	0.308	0.017	--	MG/L	35.00		
Arsenic	06/04/2025	16.2	2	--	UG/L	35.00		
Barium	06/04/2025	30.5	1	--	UG/L	35.00	B	
Benzene	06/04/2025	0.55	0.5	--	UG/L	35.00	J	
Calcium	06/04/2025	3470	50	--	UG/L	35.00	B	
Chloride	06/04/2025	14.8	0.134	--	MG/L	35.00		
Chloroethane	06/04/2025	1.12	0.5	--	UG/L	35.00		
Cobalt	06/04/2025	12.9	1	--	UG/L	35.00	B	
Iron	06/04/2025	41100	30	--	UG/L	35.00		
Magnesium	06/04/2025	1660	110	--	UG/L	35.00	B	
Manganese	06/04/2025	3310	2	--	UG/L	35.00		
Nitrogen	06/04/2025	0.457	0.033	--	MG/L	35.00		
o-Chlorotoluene	06/04/2025	0.37	0.5	--	UG/L	35.00	J	
Potassium	06/04/2025	805	50	--	UG/L	35.00	B	
Silver	06/04/2025	1.07	1	--	UG/L	35.00	B	
Sodium	06/04/2025	7850	100	--	UG/L	35.00		
Sulfate	06/04/2025	4.15	0.133	--	MG/L	35.00		
TDS	06/04/2025	109	2.38	--	MG/L	35.00		

Table 3.1-1
OU I RA V South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 087-23

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Total Kjeldahl Nitrogen	06/04/2025	0.45	0.033	--	MG/L	35.00		
TSS	06/04/2025	26.8	1.14	--	MG/L	35.00		

Site ID : 087-24

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Alkalinity (as CaCO3)	06/04/2025	35.9	0.725	--	MG/L	75.00		
Barium	06/04/2025	13.8	1	--	UG/L	75.00	B	
Calcium	06/04/2025	5060	50	--	UG/L	75.00		
Chloride	06/04/2025	36.8	0.67	--	MG/L	75.00		
Magnesium	06/04/2025	3250	110	--	UG/L	75.00	B	
Nitrate (as N)	06/04/2025	0.407	0.033	--	MG/L	75.00		
Nitrite + Nitrate-N	06/04/2025	0.44	0.017	--	MG/L	75.00		
Nitrogen	06/04/2025	0.44	0.033	--	MG/L	75.00		
Potassium	06/04/2025	1130	50	--	UG/L	75.00	B	
Sodium	06/04/2025	32200	100	--	UG/L	75.00		
Sulfate	06/04/2025	9.7	0.133	--	MG/L	75.00		
TDS	06/04/2025	125	2.38	--	MG/L	75.00		

Site ID : 087-26

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/03/2025	6.38	--	--	UG/L	75.00		
Alkalinity (as CaCO3)	06/03/2025	23.6	0.725	--	MG/L	75.00		
Barium	06/03/2025	30	1	--	UG/L	75.00	B	
Calcium	06/03/2025	6850	50	--	UG/L	75.00		
Chloride	06/03/2025	42.3	0.67	--	MG/L	75.00		
Chloroform	06/03/2025	4.82	0.5	--	UG/L	75.00		
Iron	06/03/2025	69.4	30	--	UG/L	75.00	B	
Magnesium	06/03/2025	3880	110	--	UG/L	75.00	B	
Methylene chloride	06/03/2025	1.56	0.5	--	UG/L	75.00	J	
Nitrate (as N)	06/03/2025	0.29	0.033	--	MG/L	75.00		
Nitrite + Nitrate-N	06/03/2025	0.304	0.017	--	MG/L	75.00		
Nitrogen	06/03/2025	0.433	0.033	--	MG/L	75.00		
Potassium	06/03/2025	1450	50	--	UG/L	75.00	B	
Sodium	06/03/2025	27900	100	--	UG/L	75.00		
Sulfate	06/03/2025	9.61	0.133	--	MG/L	75.00		

Table 3.1-1
OU I RA V South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 087-26

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
TDS	06/03/2025	121	2.38	--	MG/L	75.00		
Total Kjeldahl Nitrogen	06/03/2025	0.129	0.033	--	MG/L	75.00		
Zinc	06/03/2025	3.7	3.3	--	UG/L	75.00	B	

Site ID : 087-27

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/03/2025	2.43	--	--	UG/L	7.50		
Alkalinity (as CaCO3)	06/03/2025	79.7	0.725	--	MG/L	7.50		
Ammonia (as N)	06/03/2025	0.787	0.017	--	MG/L	7.50		
Arsenic	06/03/2025	5.93	2	--	UG/L	7.50		
Barium	06/03/2025	25.4	1	--	UG/L	7.50	B	
Benzene	06/03/2025	0.69	0.5	--	UG/L	7.50	J	
Calcium	06/03/2025	12100	50	--	UG/L	7.50		
Chloride	06/03/2025	54.2	0.67	--	MG/L	7.50		
Cobalt	06/03/2025	2.5	1	--	UG/L	7.50	B	
Iron	06/03/2025	42700	30	--	UG/L	7.50		
Magnesium	06/03/2025	3060	110	--	UG/L	7.50	B	
Manganese	06/03/2025	2520	2	--	UG/L	7.50		
Methylene chloride	06/03/2025	1.74	0.5	--	UG/L	7.50	J	
Nitrogen	06/03/2025	1.09	0.033	--	MG/L	7.50		
Potassium	06/03/2025	2310	50	--	UG/L	7.50	B	
Silver	06/03/2025	1.24	1	--	UG/L	7.50	B	
Sodium	06/03/2025	41100	100	--	UG/L	7.50		
Sulfate	06/03/2025	13.5	0.133	--	MG/L	7.50		
TDS	06/03/2025	215	2.38	--	MG/L	7.50		
Total Kjeldahl Nitrogen	06/03/2025	1.07	0.033	--	MG/L	7.50		
TSS	06/03/2025	10	2.28	--	MG/L	7.50		

Site ID : 088-109

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/03/2025	25.78	--	--	UG/L	13.50		
1,1-Dichloroethane	06/03/2025	6.68	0.5	--	UG/L	13.50		
Alkalinity (as CaCO3)	06/03/2025	79.9	0.725	--	MG/L	13.50		
Ammonia (as N)	06/03/2025	2.27	0.085	--	MG/L	13.50		
Arsenic	06/03/2025	5.44	2	--	UG/L	13.50		

Table 3.1-1
OU I RA V South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 088-109

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Barium	06/03/2025	37	1	--	UG/L	13.50	B	
Benzene	06/03/2025	0.35	0.5	--	UG/L	13.50	J	
Calcium	06/03/2025	17200	50	--	UG/L	13.50		
Chloride	06/03/2025	18.2	0.134	--	MG/L	13.50		
Chloroethane	06/03/2025	17	0.5	--	UG/L	13.50		
Cobalt	06/03/2025	2.55	1	--	UG/L	13.50	B	
Iron	06/03/2025	32800	30	--	UG/L	13.50		
Magnesium	06/03/2025	4100	110	--	UG/L	13.50	B	
Manganese	06/03/2025	840	2	--	UG/L	13.50		
Methylene chloride	06/03/2025	1.75	0.5	--	UG/L	13.50	J	
Nitrogen	06/03/2025	3.34	0.033	--	MG/L	13.50		
Potassium	06/03/2025	3490	50	--	UG/L	13.50	B	
Sodium	06/03/2025	12300	100	--	UG/L	13.50		
Sulfate	06/03/2025	6.82	0.133	--	MG/L	13.50		
TDS	06/03/2025	121	2.38	--	MG/L	13.50		
Total Kjeldahl Nitrogen	06/03/2025	3.33	0.033	--	MG/L	13.50		
TSS	06/03/2025	15	5.7	--	MG/L	13.50	J	

Site ID : 088-110

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/03/2025	4.44	--	--	UG/L	17.50		
Alkalinity (as CaCO3)	06/03/2025	66.1	0.725	--	MG/L	17.50		
Ammonia (as N)	06/03/2025	0.381	0.017	--	MG/L	17.50		
Arsenic	06/03/2025	8.06	2	--	UG/L	17.50		
Barium	06/03/2025	33.5	1	--	UG/L	17.50	B	
Benzene	06/03/2025	0.5	0.5	--	UG/L	17.50	J	
Calcium	06/03/2025	14100	50	--	UG/L	17.50		
Chloride	06/03/2025	38.5	0.67	--	MG/L	17.50		
Chloroethane	06/03/2025	2.01	0.5	--	UG/L	17.50		
Cobalt	06/03/2025	3	1	--	UG/L	17.50	B	
Iron	06/03/2025	33800	30	--	UG/L	17.50		
Magnesium	06/03/2025	3440	110	--	UG/L	17.50	B	
Manganese	06/03/2025	2970	2	--	UG/L	17.50		
Methylene chloride	06/03/2025	1.93	0.5	--	UG/L	17.50	J	

Table 3.1-1
OU I RA V South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 088-110

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Nitrogen	06/03/2025	0.741	0.033	--	MG/L	17.50		
Potassium	06/03/2025	2500	50	--	UG/L	17.50	B	
Sodium	06/03/2025	29400	100	--	UG/L	17.50		
Sulfate	06/03/2025	17.3	0.133	--	MG/L	17.50		
TDS	06/03/2025	175	2.38	--	MG/L	17.50		
Total Kjeldahl Nitrogen	06/03/2025	0.732	0.033	--	MG/L	17.50		
TSS	06/03/2025	5.2	2.28	--	MG/L	17.50	J	

Site ID : 088-21

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Alkalinity (as CaCO3)	06/04/2025	29	0.725	--	MG/L	12.50		
Barium	06/04/2025	31.4	1	--	UG/L	12.50	B	
Calcium	06/04/2025	7290	50	--	UG/L	12.50		
Chloride	06/04/2025	111	1.34	--	MG/L	12.50		
Cyanide	06/04/2025	1.71	1.67	--	UG/L	12.50	J	
Magnesium	06/04/2025	4070	110	--	UG/L	12.50	B	
Manganese	06/04/2025	3.85	2	--	UG/L	12.50	B	
Nitrate (as N)	06/04/2025	0.147	0.033	--	MG/L	12.50		
Nitrite + Nitrate-N	06/04/2025	0.149	0.017	--	MG/L	12.50		
Nitrogen	06/04/2025	0.272	0.033	--	MG/L	12.50		
Potassium	06/04/2025	1730	50	--	UG/L	12.50	B	
Sodium	06/04/2025	75600	100	--	UG/L	12.50		
Sulfate	06/04/2025	4.16	0.133	--	MG/L	12.50		
TDS	06/04/2025	232	2.38	--	MG/L	12.50		
Total Kjeldahl Nitrogen	06/04/2025	0.123	0.033	--	MG/L	12.50		
Zinc	06/04/2025	4.31	3.3	--	UG/L	12.50	B	

Site ID : 098-99

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/04/2025	0.84	--	--	UG/L	44.50		
1,1-Dichloroethane	06/04/2025	0.84	0.5	--	UG/L	44.50	J	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
N2 = Not usable based on the results that are not distinguishable from background. The value is less than or equal to the sum of the MDC and the uncertainty or RDL.
U = Compound not detected.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.2-2
OU III South Boundary Extraction Well Data
'Hits Only' April through June 2025

Site ID : 121-15 (EW-5)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	1.35	--	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	0.26	0.5	--	UG/L	0.00	J	
Chloroform	04/10/2025	0.31	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	0.78	0.5	--	UG/L	0.00		

Site ID : 121-16 (EW-4)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.98	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.33	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	0.65	0.5	--	UG/L	0.00		

Site ID : 121-17 (EW-3)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	7.27	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.3	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	6.6	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.37	0.5	--	UG/L	0.00	J	

Site ID : 121-46 (EW-17)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	12.8	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.27	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	04/10/2025	0.28	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	04/10/2025	1.7	0.5	--	UG/L	0.00		
Chloroform	04/10/2025	0.42	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	9.8	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.33	0.5	--	UG/L	0.00	J	

Site ID : 122-12 (EW-8)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	9.94	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.17	0.5	--	UG/L	0.00	J	
cis-1,2-Dichloroethylene	04/10/2025	5.1	0.5	--	UG/L	0.00		
Methylene chloride	04/10/2025	0.53	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/10/2025	3.4	0.5	--	UG/L	0.00		
Toluene	04/10/2025	0.3	0.5	--	UG/L	0.00	J	
Trichloroethylene	04/10/2025	0.44	0.5	--	UG/L	0.00	J	

Table 3.2-2
OU III South Boundary Extraction Well Data
'Hits Only' April through June 2025

Site ID : 122-13 (EW-7)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.48	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.17	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	0.31	0.5	--	UG/L	0.00	J	

Site ID : 122-14 (EW-6)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.73	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.41	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	0.32	0.5	--	UG/L	0.00	J	

Table 3.2-3
OU III South Boundary Influent Data
'Hits Only' April through June 2025

Site ID : 121-41 (System Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	74.14	--	--	NG/L	0.00		
8260 TVOC	04/03/2025	12.99	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/03/2025	0.3	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	04/03/2025	0.25	0.5	--	UG/L	0.00	J	
1,4-Dioxane	04/03/2025	0.65	0.26	--	UG/L	0.00		
Carbon tetrachloride	04/03/2025	1.6	0.5	--	UG/L	0.00		
Chloroform	04/03/2025	0.46	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.7	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/03/2025	7.7	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	35	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	4.9	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/03/2025	0.74	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	9.3	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	9.8	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	2	1.6	--	NG/L	0.00		
Tetrachloroethylene	04/03/2025	10	0.5	--	UG/L	0.00		
Trichloroethylene	04/03/2025	0.38	0.5	--	UG/L	0.00	J	
8260 TVOC	05/07/2025	12.73	--	--	UG/L	0.00		
1,1-Dichloroethylene	05/07/2025	0.29	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	05/07/2025	1.7	0.5	--	UG/L	0.00		
Chloroform	05/07/2025	0.43	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	05/07/2025	10	0.5	--	UG/L	0.00		
Trichloroethylene	05/07/2025	0.31	0.5	--	UG/L	0.00	J	
8260 TVOC	06/12/2025	12.71	--	--	UG/L	0.00		
1,1,1-Trichloroethane	06/12/2025	0.25	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	06/12/2025	0.28	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	06/12/2025	1.6	0.5	--	UG/L	0.00		
Chloroform	06/12/2025	0.44	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	06/12/2025	9.8	0.5	--	UG/L	0.00		
Trichloroethylene	06/12/2025	0.34	0.5	--	UG/L	0.00	J	

Table 3.2-4
OU III South Boundary Effluent Data
'Hits Only' April through June 2025

Site ID : 095-126 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	41.83	--	--	NG/L	0.00		
8260 TVOC	04/03/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/03/2025	1.6	0.26	--	UG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/03/2025	7.1	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/03/2025	0.99	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	17	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	3	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/03/2025	0.94	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	3.8	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	4.9	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
8260 TVOC	05/07/2025	0	--	--	UG/L	0.00		
8260 TVOC	06/12/2025	0.2	--	--	UG/L	0.00		
Methyl chloride	06/12/2025	0.2	0.5	--	UG/L	0.00	J	

Table 3.2-6
OU III South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 121-06

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/22/2025	1.38	--	--	UG/L	45.00		
Chloroform	04/22/2025	1.38	0.5	--	UG/L	45.00		

Site ID : 121-08

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/22/2025	1.04	--	--	UG/L	185.00		
1,1,1-Trichloroethane	04/22/2025	0.36	0.5	--	UG/L	185.00	J	
Trichloroethylene	04/22/2025	0.68	0.5	--	UG/L	185.00	J	

Site ID : 121-10

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/23/2025	0.4	--	--	UG/L	165.00		
Tetrachloroethylene	04/23/2025	0.4	0.5	--	UG/L	165.00	J	

Site ID : 121-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/22/2025	14.38	--	--	UG/L	205.00		
Carbon tetrachloride	04/22/2025	1.64	0.5	--	UG/L	205.00		
Chloroform	04/22/2025	0.39	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	04/22/2025	11.7	0.5	--	UG/L	205.00		
Trichloroethylene	04/22/2025	0.65	0.5	--	UG/L	205.00	J	

Site ID : 121-14

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/22/2025	0.9	--	--	UG/L	195.00		
Tetrachloroethylene	04/22/2025	0.9	0.5	--	UG/L	195.00	J	

Site ID : 121-45

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	3.11	--	--	UG/L	199.50		
Chloroform	04/11/2025	0.43	0.5	--	UG/L	199.50	J	
Tetrachloroethylene	04/11/2025	2.68	0.5	--	UG/L	199.50		

Site ID : 121-47

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/22/2025	7.59	--	--	UG/L	229.00		
1,1,1-Trichloroethane	04/22/2025	1.6	0.5	--	UG/L	229.00		
1,1-Dichloroethane	04/22/2025	0.7	0.5	--	UG/L	229.00	J	
1,1-Dichloroethylene	04/22/2025	2.91	0.5	--	UG/L	229.00		

Table 3.2-6
OU III South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 121-47

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	04/22/2025	0.97	0.5	--	UG/L	229.00	J	
Tetrachloroethylene	04/22/2025	0.45	0.5	--	UG/L	229.00	J	
Trichloroethylene	04/22/2025	0.96	0.5	--	UG/L	229.00	J	

Site ID : 121-48

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	37.2	--	--	UG/L	228.00		
Carbon tetrachloride	04/24/2025	2.4	2.4	--	UG/L	228.00		
Tetrachloroethylene	04/24/2025	34.3	0.5	--	UG/L	228.00		
Trichloroethylene	04/24/2025	0.5	0.5	--	UG/L	228.00	J	

Site ID : 121-49

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/23/2025	70.57	--	--	UG/L	215.00		
Carbon tetrachloride	04/23/2025	1.57	0.5	--	UG/L	215.00		
Chloroform	04/23/2025	0.37	0.5	--	UG/L	215.00	J	
Tetrachloroethylene	04/23/2025	67.8	0.5	--	UG/L	215.00		
Trichloroethylene	04/23/2025	0.83	0.5	--	UG/L	215.00	J	

Site ID : 121-53

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	169.78	--	--	UG/L	229.00		
1,1,1-Trichloroethane	04/10/2025	2.2	0.5	--	UG/L	229.00	DJ	
1,1-Dichloroethylene	04/10/2025	2.12	0.5	--	UG/L	229.00	DJ	
Carbon tetrachloride	04/10/2025	16.1	0.5	--	UG/L	229.00	D	
Tetrachloroethylene	04/10/2025	146	0.5	--	UG/L	229.00	D	
Trichloroethylene	04/10/2025	3.36	0.5	--	UG/L	229.00	DJ	

Site ID : 121-54

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	40.74	--	--	UG/L	220.00		
Carbon tetrachloride	04/10/2025	3.93	0.5	--	UG/L	220.00		
Chloroform	04/10/2025	0.49	0.5	--	UG/L	220.00	J	
Tetrachloroethylene	04/10/2025	35.7	0.5	--	UG/L	220.00		
Trichloroethylene	04/10/2025	0.62	0.5	--	UG/L	220.00	J	

Site ID : 121-57

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	35.1	--	--	UG/L	217.00		

Table 3.2-6
OU III South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 121-57

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1,1-Trichloroethane	04/24/2025	5.25	5.25	--	UG/L	217.00	D	
Chloroform	04/24/2025	2.7	2.7	--	UG/L	217.00	DJ	
cis-1,2-Dichloroethylene	04/24/2025	12.2	0.5	--	UG/L	217.00	D	
Tetrachloroethylene	04/24/2025	9.1	9.1	--	UG/L	217.00	D	
Trichloroethylene	04/24/2025	5.85	5.85	--	UG/L	217.00	D	

Site ID : 122-05

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	3.67	--	--	UG/L	271.50		
Carbon tetrachloride	04/24/2025	0.52	0.52	--	UG/L	271.50	J	
Chloroform	04/24/2025	0.54	0.54	--	UG/L	271.50	J	
Tetrachloroethylene	04/24/2025	1.65	1.65	--	UG/L	271.50		
Trichloroethylene	04/24/2025	0.96	0.96	--	UG/L	271.50	J	

Site ID : 122-17

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	0.7	--	--	UG/L	215.00		
Tetrachloroethylene	04/24/2025	0.7	0.7	--	UG/L	215.00	J	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
N2 = Not usable based on the results that are not distinguishable from background. The value is less than or equal to the sum of the MDC and the uncertainty or RDL.
U = Compound not detected.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.3-2
OU III Middle Road Extraction Well Data
'Hits Only' April through June 2025

Site ID : 106-66 (RW-6)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	3.42	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.24	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	04/10/2025	0.38	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	04/10/2025	0.17	0.5	--	UG/L	0.00	J	
Chloroform	04/10/2025	0.44	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	2	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.19	0.5	--	UG/L	0.00	J	

Site ID : 113-23 (RW-1)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.97	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.71	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/10/2025	0.26	0.5	--	UG/L	0.00	J	

Site ID : 113-24 (RW-2)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	4.47	--	--	UG/L	0.00		
Carbon tetrachloride	04/10/2025	0.41	0.5	--	UG/L	0.00	J	
Chloroform	04/10/2025	0.37	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	3.4	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.29	0.5	--	UG/L	0.00	J	

Site ID : 113-25 (RW-3)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	2.82	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	1.2	0.5	--	UG/L	0.00		
1,1-Dichloroethane	04/10/2025	0.31	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	04/10/2025	0.61	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.7	0.5	--	UG/L	0.00		

Site ID : 113-26 (RW-4)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	1.96	--	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	0.28	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	04/10/2025	0.43	0.5	--	UG/L	0.00	J	
Chloroform	04/10/2025	0.53	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/10/2025	0.24	0.5	--	UG/L	0.00	J	

Table 3.3-2
OU III Middle Road Extraction Well Data
'Hits Only' April through June 2025

Site ID : 113-26 (RW-4)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Trichloroethylene	04/10/2025	0.48	0.5	--	UG/L	0.00	J	

Site ID : 113-27 (RW-5)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.9	--	--	UG/L	0.00		
Chloroform	04/10/2025	0.9	0.5	--	UG/L	0.00		

Site ID : 113-33 (RW-7)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	31.51	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.46	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	04/10/2025	0.32	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	04/10/2025	1.5	0.5	--	UG/L	0.00		
Chloroform	04/10/2025	0.43	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/10/2025	28	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.8	0.5	--	UG/L	0.00		

Table 3.3-3
OU III Middle Road Influent Data
'Hits Only' April through June 2025

Site ID : 113-34 (Combo Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	57.21	--	--	NG/L	0.00		
8260 TVOC	04/03/2025	13.52	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/03/2025	0.61	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	04/03/2025	0.3	0.5	--	UG/L	0.00	J	
1,4-Dioxane	04/03/2025	0.74	0.27	--	UG/L	0.00		
Carbon tetrachloride	04/03/2025	0.7	0.5	--	UG/L	0.00		
Chloroform	04/03/2025	0.38	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.8	1.7	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/03/2025	7.7	3.4	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/03/2025	0.99	1.7	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	20	1.7	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	3.8	1.7	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/03/2025	2.4	1.7	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/03/2025	0.82	1.7	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	9.4	1.7	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	7.3	1.7	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.1	1.7	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.9	1.7	--	NG/L	0.00		
Tetrachloroethylene	04/03/2025	11	0.5	--	UG/L	0.00		
Trichloroethylene	04/03/2025	0.53	0.5	--	UG/L	0.00		
8260 TVOC	05/07/2025	11.7	--	--	UG/L	0.00		
1,1,1-Trichloroethane	05/07/2025	0.54	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	05/07/2025	0.23	0.5	--	UG/L	0.00	J	
Chloroform	05/07/2025	0.4	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	05/07/2025	10	0.5	--	UG/L	0.00		
Trichloroethylene	05/07/2025	0.53	0.5	--	UG/L	0.00		
8260 TVOC	06/12/2025	15.26	--	--	UG/L	0.00		
1,1,1-Trichloroethane	06/12/2025	0.58	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	06/12/2025	0.2	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	06/12/2025	1.5	0.5	--	UG/L	0.00		
Chloroform	06/12/2025	0.47	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	06/12/2025	12	0.5	--	UG/L	0.00		
Trichloroethylene	06/12/2025	0.51	0.5	--	UG/L	0.00		

Table 3.3-4
OU III Middle Road Effluent Data
'Hits Only' April through June 2025

Site ID : 095-126 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	41.83	--	--	NG/L	0.00		
8260 TVOC	04/03/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/03/2025	1.6	0.26	--	UG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/03/2025	7.1	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/03/2025	0.99	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	17	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	3	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/03/2025	0.94	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	3.8	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	4.9	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
8260 TVOC	05/07/2025	0	--	--	UG/L	0.00		
8260 TVOC	06/12/2025	0.2	--	--	UG/L	0.00		
Methyl chloride	06/12/2025	0.2	0.5	--	UG/L	0.00	J	

Table 3.3-6
OU III Middle Road Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 095-322

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/21/2025	25.18	--	--	UG/L	180.00		
1,1,1-Trichloroethane	04/21/2025	1.28	0.5	--	UG/L	180.00		
1,1-Dichloroethane	04/21/2025	0.36	0.5	--	UG/L	180.00	J	
1,1-Dichloroethylene	04/21/2025	2.62	0.5	--	UG/L	180.00		
Chloroform	04/21/2025	0.84	0.5	--	UG/L	180.00	J	
Tetrachloroethylene	04/21/2025	13.3	0.5	--	UG/L	180.00		
Trichloroethylene	04/21/2025	6.78	0.5	--	UG/L	180.00		

Site ID : 095-323

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/21/2025	14.82	--	--	UG/L	205.00		
1,1,1-Trichloroethane	04/21/2025	1.08	0.5	--	UG/L	205.00		
1,1,2,2-Tetrachloroethane	04/21/2025	1.12	0.5	--	UG/L	205.00		
1,1-Dichloroethylene	04/21/2025	0.52	0.5	--	UG/L	205.00	J	
Chloroform	04/21/2025	0.8	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	04/21/2025	7.85	0.5	--	UG/L	205.00		
Trichloroethylene	04/21/2025	3.45	0.5	--	UG/L	205.00		

Site ID : 104-36

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	0.4	--	--	UG/L	136.00		
Chloroform	04/17/2025	0.4	0.5	--	UG/L	136.00	J	

Site ID : 104-37

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	58.71	--	--	UG/L	209.00		
1,1,1-Trichloroethane	04/18/2025	0.7	0.5	--	UG/L	209.00	J	
1,1,2,2-Tetrachloroethane	04/18/2025	0.54	0.5	--	UG/L	209.00	J	
1,1-Dichloroethylene	04/18/2025	0.76	0.5	--	UG/L	209.00	J	
Carbon tetrachloride	04/18/2025	2.16	0.5	--	UG/L	209.00		
Chloroform	04/18/2025	0.76	0.5	--	UG/L	209.00	J	
Tetrachloroethylene	04/18/2025	51	0.5	--	UG/L	209.00		
Trichloroethylene	04/18/2025	2.79	0.5	--	UG/L	209.00		

Site ID : 104-38

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/21/2025	2.68	--	--	UG/L	205.00		

Table 3.3-6
OU III Middle Road Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 104-38

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1,1-Trichloroethane	04/21/2025	0.8	0.5	--	UG/L	205.00	J	
1,1-Dichloroethylene	04/21/2025	0.53	0.5	--	UG/L	205.00	J	
Chloroform	04/21/2025	0.49	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	04/21/2025	0.86	0.5	--	UG/L	205.00	J	

Site ID : 105-23

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	10.1	--	--	UG/L	180.00		
Tetrachloroethylene	04/18/2025	10.1	0.5	--	UG/L	180.00		

Site ID : 105-44

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	1.58	--	--	UG/L	152.50		
Tetrachloroethylene	04/18/2025	1.58	0.5	--	UG/L	152.50		

Site ID : 105-53

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.71	--	--	UG/L	175.00		
Chloroform	04/10/2025	0.35	0.5	--	UG/L	175.00	J	
Tetrachloroethylene	04/10/2025	0.36	0.5	--	UG/L	175.00	J	

Site ID : 105-66

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	102.52	--	--	UG/L	184.00		
Carbon tetrachloride	04/10/2025	3.14	0.5	--	UG/L	184.00	D	
Tetrachloroethylene	04/10/2025	96.6	0.5	--	UG/L	184.00	D	
Trichloroethylene	04/10/2025	2.78	0.5	--	UG/L	184.00	D	

Site ID : 105-67

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	49.91	--	--	UG/L	90.00		
1,1,1-Trichloroethane	04/11/2025	1.71	0.5	--	UG/L	90.00		
1,1,2,2-Tetrachloroethane	04/11/2025	0.48	0.5	--	UG/L	90.00	J	
1,1-Dichloroethylene	04/11/2025	1.01	0.5	--	UG/L	90.00		
Chloroform	04/11/2025	0.44	0.5	--	UG/L	90.00	J	
Methyl tert-butyl ether	04/11/2025	0.38	0.5	--	UG/L	90.00	J	
Tetrachloroethylene	04/11/2025	44.6	0.5	--	UG/L	90.00		
Trichloroethylene	04/11/2025	1.29	0.5	--	UG/L	90.00		

Table 3.3-6
OU III Middle Road Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 105-68

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	106.43	--	--	UG/L	205.00		
1,1,1-Trichloroethane	04/17/2025	0.42	0.5	--	UG/L	205.00	J	
1,1,2,2-Tetrachloroethane	04/17/2025	1.38	0.5	--	UG/L	205.00		
1,1-Dichloroethylene	04/17/2025	0.56	0.5	--	UG/L	205.00	J	
Carbon tetrachloride	04/17/2025	3.02	0.5	--	UG/L	205.00		
Chloroform	04/17/2025	1	0.5	--	UG/L	205.00		
Tetrachloroethylene	04/17/2025	93	0.5	--	UG/L	205.00	D	
Trichloroethylene	04/17/2025	7.05	0.5	--	UG/L	205.00		

Site ID : 105-80

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	172.37	--	--	UG/L	180.00		
1,1,1-Trichloroethane	04/17/2025	0.62	0.5	--	UG/L	180.00	J	
Carbon tetrachloride	04/17/2025	35.9	0.5	--	UG/L	180.00		
Chloroform	04/17/2025	4.17	0.5	--	UG/L	180.00		
Tetrachloroethylene	04/17/2025	131	0.5	--	UG/L	180.00	D	
Trichloroethylene	04/17/2025	0.68	0.5	--	UG/L	180.00	J	

Site ID : 105-81

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	29.06	--	--	UG/L	193.00		
1,1,1-Trichloroethane	04/17/2025	0.55	0.5	--	UG/L	193.00	J	
1,1,2,2-Tetrachloroethane	04/17/2025	0.47	0.5	--	UG/L	193.00	J	
1,1-Dichloroethylene	04/17/2025	1.53	0.5	--	UG/L	193.00		
Carbon tetrachloride	04/17/2025	0.69	0.5	--	UG/L	193.00	J	
Chloroform	04/17/2025	0.56	0.5	--	UG/L	193.00	J	
Tetrachloroethylene	04/17/2025	23.8	0.5	--	UG/L	193.00		
Trichloroethylene	04/17/2025	1.46	0.5	--	UG/L	193.00		

Site ID : 106-58

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	1.38	--	--	UG/L	205.00		
Chloroform	04/16/2025	0.65	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	04/16/2025	0.73	0.5	--	UG/L	205.00	J	

Site ID : 106-62

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	1.42	--	--	UG/L	72.00		

Table 3.3-6
OU III Middle Road Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 106-62

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	04/16/2025	1.42	0.5	--	UG/L	72.00		

Site ID : 113-08

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/14/2025	1.78	--	--	UG/L	142.00		
Chloroform	04/14/2025	0.95	0.5	--	UG/L	142.00	J	
Tetrachloroethylene	04/14/2025	0.83	0.5	--	UG/L	142.00	J	

Site ID : 113-09

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/14/2025	44.68	--	--	UG/L	222.00		
1,1,1-Trichloroethane	04/14/2025	0.51	0.5	--	UG/L	222.00	J	
1,1-Dichloroethylene	04/14/2025	0.6	0.5	--	UG/L	222.00	J	
Tetrachloroethylene	04/14/2025	41	0.5	--	UG/L	222.00		
Trichloroethylene	04/14/2025	2.57	0.5	--	UG/L	222.00		

Site ID : 113-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	1.39	--	--	UG/L	201.00		
Tetrachloroethylene	04/16/2025	1.39	0.5	--	UG/L	201.00		

Site ID : 113-17

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	17.48	--	--	UG/L	177.00		
Tetrachloroethylene	04/16/2025	16.9	0.5	--	UG/L	177.00		
Trichloroethylene	04/16/2025	0.58	0.5	--	UG/L	177.00	J	

Site ID : 113-19

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	16.89	--	--	UG/L	230.00		
1,1,1-Trichloroethane	04/10/2025	5.12	0.5	--	UG/L	230.00		
1,1-Dichloroethane	04/10/2025	1.06	0.5	--	UG/L	230.00		
1,1-Dichloroethylene	04/10/2025	2.78	0.5	--	UG/L	230.00		
Carbon tetrachloride	04/10/2025	3.68	0.5	--	UG/L	230.00		
Chloroform	04/10/2025	0.61	0.5	--	UG/L	230.00	J	
Trichloroethylene	04/10/2025	3.64	0.5	--	UG/L	230.00		

Site ID : 113-22

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	4.83	--	--	UG/L	240.00		

Table 3.3-6
OU III Middle Road Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 113-22

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Carbon tetrachloride	04/16/2025	4.35	0.5	--	UG/L	240.00		
Chloroform	04/16/2025	0.48	0.5	--	UG/L	240.00	J	

Site ID : 113-29

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/14/2025	0.65	--	--	UG/L	190.00		
Tetrachloroethylene	04/14/2025	0.65	0.5	--	UG/L	190.00	J	

Site ID : 113-30

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/14/2025	2.49	--	--	UG/L	190.00		
Tetrachloroethylene	04/14/2025	2.49	0.5	--	UG/L	190.00		

Site ID : 113-31

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/14/2025	1.23	--	--	UG/L	190.00		
1,1,1-Trichloroethane	04/14/2025	0.77	0.5	--	UG/L	190.00	J	
Trichloroethylene	04/14/2025	0.46	0.5	--	UG/L	190.00	J	

Site ID : 114-12

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	0.7	--	--	UG/L	155.00		
Chloroform	04/11/2025	0.7	0.5	--	UG/L	155.00	J	

Site ID : 121-45

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	3.11	--	--	UG/L	199.50		
Chloroform	04/11/2025	0.43	0.5	--	UG/L	199.50	J	
Tetrachloroethylene	04/11/2025	2.68	0.5	--	UG/L	199.50		

Site ID : 121-53

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	169.78	--	--	UG/L	229.00		
1,1,1-Trichloroethane	04/10/2025	2.2	0.5	--	UG/L	229.00	DJ	
1,1-Dichloroethylene	04/10/2025	2.12	0.5	--	UG/L	229.00	DJ	
Carbon tetrachloride	04/10/2025	16.1	0.5	--	UG/L	229.00	D	
Tetrachloroethylene	04/10/2025	146	0.5	--	UG/L	229.00	D	
Trichloroethylene	04/10/2025	3.36	0.5	--	UG/L	229.00	DJ	

Site ID : 121-54

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	40.74	--	--	UG/L	220.00		

Table 3.3-6
OU III Middle Road Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 121-54

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Carbon tetrachloride	04/10/2025	3.93	0.5	--	UG/L	220.00		
Chloroform	04/10/2025	0.49	0.5	--	UG/L	220.00	J	
Tetrachloroethylene	04/10/2025	35.7	0.5	--	UG/L	220.00		
Trichloroethylene	04/10/2025	0.62	0.5	--	UG/L	220.00	J	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
N2 = Not usable based on the results that are not distinguishable from background. The value is less than or equal to the sum of the MDC and the uncertainty or RDL.
U = Compound not detected.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.4-2
OU III Western South Boundary Extraction Well Data
'Hits Only' April through June 2025

Site ID : 111-17 (WSB-3)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	5.86	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.28	0.5	--	UG/L	0.00	J	
1,1-Dichloroethane	04/10/2025	0.84	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	3.1	0.5	--	UG/L	0.00		
Chloroform	04/10/2025	1	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/10/2025	0.2	0.5	--	UG/L	0.00	J	
Trichloroethylene	04/10/2025	0.44	0.5	--	UG/L	0.00	J	

Site ID : 119-13 (WSB-4)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	7.57	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	1.3	0.5	--	UG/L	0.00		
1,1-Dichloroethane	04/10/2025	0.6	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	4.4	0.5	--	UG/L	0.00		
Chloroform	04/10/2025	0.31	0.5	--	UG/L	0.00	J	
Dichlorodifluoromethane	04/10/2025	0.37	0.5	--	UG/L	0.00	J	
Trichloroethylene	04/10/2025	0.59	0.5	--	UG/L	0.00		

Site ID : 126-12 (WSB-1)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	0.36	--	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	0.17	0.5	--	UG/L	0.00	J	
Trichloroethylene	04/10/2025	0.19	0.5	--	UG/L	0.00	J	

Site ID : 127-05 (WSB-2)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	1.8	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.37	0.5	--	UG/L	0.00	J	
1,1-Dichloroethylene	04/10/2025	0.33	0.5	--	UG/L	0.00	J	
Trichloroethylene	04/10/2025	1.1	0.5	--	UG/L	0.00		

Site ID : 130-12 (WSB-5)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	5.39	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.39	0.5	--	UG/L	0.00	J	
1,1-Dichloroethane	04/10/2025	0.67	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	1.3	0.5	--	UG/L	0.00		

Table 3.4-2
OU III Western South Boundary Extraction Well Data
'Hits Only' April through June 2025

Site ID : 130-12 (WSB-5)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Dichlorodifluoromethane	04/10/2025	2.8	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.23	0.5	--	UG/L	0.00	J	

Site ID : 130-13 (WSB-6)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	5.06	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/10/2025	0.33	0.5	--	UG/L	0.00	J	
1,1-Dichloroethane	04/10/2025	0.62	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	04/10/2025	1.1	0.5	--	UG/L	0.00		
Dichlorodifluoromethane	04/10/2025	2.8	0.5	--	UG/L	0.00		
Trichloroethylene	04/10/2025	0.21	0.5	--	UG/L	0.00	J	

Table 3.4-3
OU III Western South Boundary Influent Data
'Hits Only' April through June 2025

Site ID : 121-55

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	18.34	--	--	NG/L	0.00		
8260 TVOC	04/03/2025	6.65	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/03/2025	0.98	0.5	--	UG/L	0.00		
1,1-Dichloroethane	04/03/2025	0.67	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	04/03/2025	2.8	0.5	--	UG/L	0.00		
1,4-Dioxane	04/03/2025	4.1	0.26	--	UG/L	0.00		
Chloroform	04/03/2025	0.2	0.5	--	UG/L	0.00	J	
Dichlorodifluoromethane	04/03/2025	1.4	0.5	--	UG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/03/2025	0.91	1.7	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/03/2025	5.1	3.3	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/03/2025	6.5	1.7	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	0.93	1.7	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	2.6	1.7	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	2.3	1.7	--	NG/L	0.00		
Trichloroethylene	04/03/2025	0.6	0.5	--	UG/L	0.00		
8260 TVOC	05/07/2025	11.13	--	--	UG/L	0.00		
1,1,1-Trichloroethane	05/07/2025	2.8	0.5	--	UG/L	0.00		
1,1-Dichloroethane	05/07/2025	0.54	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	05/07/2025	5.8	0.5	--	UG/L	0.00		
Chloroform	05/07/2025	1.2	0.5	--	UG/L	0.00		
Trichloroethylene	05/07/2025	0.79	0.5	--	UG/L	0.00		
8260 TVOC	06/12/2025	7.18	--	--	UG/L	0.00		
1,1,1-Trichloroethane	06/12/2025	0.98	0.5	--	UG/L	0.00		
1,1-Dichloroethane	06/12/2025	0.65	0.5	--	UG/L	0.00		
1,1-Dichloroethylene	06/12/2025	3	0.5	--	UG/L	0.00		
Chloroform	06/12/2025	0.21	0.5	--	UG/L	0.00	J	
Dichlorodifluoromethane	06/12/2025	1.9	0.5	--	UG/L	0.00		
Trichloroethylene	06/12/2025	0.44	0.5	--	UG/L	0.00	J	

Table 3.4-4
OU III Western South Boundary Effluent Data
'Hits Only' April through June 2025

Site ID : 095-126 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/03/2025	41.83	--	--	NG/L	0.00		
8260 TVOC	04/03/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/03/2025	1.6	0.26	--	UG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/03/2025	7.1	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/03/2025	0.99	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/03/2025	17	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/03/2025	3	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/03/2025	0.94	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/03/2025	3.8	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/03/2025	4.9	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/03/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/03/2025	1.5	1.6	--	NG/L	0.00	J	
8260 TVOC	05/07/2025	0	--	--	UG/L	0.00		
8260 TVOC	06/12/2025	0.2	--	--	UG/L	0.00		
Methyl chloride	06/12/2025	0.2	0.5	--	UG/L	0.00	J	

Table 3.4-6
OU III Western South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-558

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	18.65	--	--	UG/L	165.00		
1,1,1-Trichloroethane	04/24/2025	1.53	0.5	--	UG/L	165.00		
1,1-Dichloroethane	04/24/2025	0.8	0.5	--	UG/L	165.00	J	
1,1-Dichloroethylene	04/24/2025	3.34	0.5	--	UG/L	165.00		
Chloroform	04/24/2025	1.88	0.5	--	UG/L	165.00		
Dichlorodifluoromethane	04/24/2025	8.31	0.5	--	UG/L	165.00		
Trichloroethylene	04/24/2025	2.79	0.5	--	UG/L	165.00		

Site ID : 000-559

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	3.12	--	--	UG/L	215.00		
Chloroform	04/24/2025	0.75	0.5	--	UG/L	215.00	J	
Dichlorodifluoromethane	04/24/2025	2.37	0.5	--	UG/L	215.00		

Site ID : 000-560

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	8.39	--	--	UG/L	159.50		
1,1,1-Trichloroethane	04/28/2025	0.9	0.5	--	UG/L	159.50	J	
1,1-Dichloroethane	04/28/2025	0.48	0.5	--	UG/L	159.50	J	
1,1-Dichloroethylene	04/28/2025	1.46	0.5	--	UG/L	159.50		
Chloroform	04/28/2025	1.82	0.5	--	UG/L	159.50		
Dichlorodifluoromethane	04/28/2025	1.97	0.5	--	UG/L	159.50		
Trichloroethylene	04/28/2025	1.76	0.5	--	UG/L	159.50		

Site ID : 103-15

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	16.71	--	--	UG/L	200.00		
1,1-Dichloroethane	04/10/2025	3.33	0.5	--	UG/L	200.00		
1,1-Dichloroethylene	04/10/2025	5.81	0.5	--	UG/L	200.00		
Dichlorodifluoromethane	04/10/2025	2.58	0.5	--	UG/L	200.00		
Trichloroethylene	04/10/2025	4.99	0.5	--	UG/L	200.00		

Site ID : 103-18

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	6.68	--	--	UG/L	170.00		
1,1-Dichloroethane	04/24/2025	1.09	0.5	--	UG/L	170.00		
1,1-Dichloroethylene	04/24/2025	1.62	0.5	--	UG/L	170.00		

Table 3.4-6
OU III Western South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 103-18

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Dichlorodifluoromethane	04/24/2025	1.57	0.5	--	UG/L	170.00		
Trichloroethylene	04/24/2025	2.4	0.5	--	UG/L	170.00		

Site ID : 103-19

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	4.64	--	--	UG/L	170.00		
1,1-Dichloroethane	04/10/2025	1.14	0.5	--	UG/L	170.00		
1,1-Dichloroethylene	04/10/2025	1.08	0.5	--	UG/L	170.00		
Trichloroethylene	04/10/2025	2.42	0.5	--	UG/L	170.00		

Site ID : 111-15

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	1.74	--	--	UG/L	175.00		
1,1-Dichloroethylene	04/11/2025	0.34	0.5	--	UG/L	175.00	J	
Chloroform	04/11/2025	1.4	0.5	--	UG/L	175.00		

Site ID : 111-16

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	2.24	--	--	UG/L	173.00		
1,1-Dichloroethane	04/10/2025	0.39	0.5	--	UG/L	173.00	J	
1,1-Dichloroethylene	04/10/2025	0.52	0.5	--	UG/L	173.00	J	
Chloroform	04/10/2025	0.95	0.5	--	UG/L	173.00	J	
Trichloroethylene	04/10/2025	0.38	0.5	--	UG/L	173.00	J	

Site ID : 119-10

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	3.51	--	--	UG/L	200.00		
1,1-Dichloroethane	04/17/2025	0.98	0.5	--	UG/L	200.00	J	
1,1-Dichloroethylene	04/17/2025	0.82	0.5	--	UG/L	200.00	J	
Dichlorodifluoromethane	04/17/2025	0.65	0.5	--	UG/L	200.00	J	
Trichloroethylene	04/17/2025	1.06	0.5	--	UG/L	200.00		

Site ID : 119-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	14.68	--	--	UG/L	180.00		
1,1,1-Trichloroethane	04/10/2025	1.6	0.5	--	UG/L	180.00		
1,1-Dichloroethane	04/10/2025	1.41	0.5	--	UG/L	180.00		
1,1-Dichloroethylene	04/10/2025	8.92	0.5	--	UG/L	180.00		

Table 3.4-6
OU III Western South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 119-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Trichloroethylene	04/10/2025	2.75	0.5	--	UG/L	180.00		

Site ID : 119-12

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	5.15	--	--	UG/L	179.00		
1,1,1-Trichloroethane	04/11/2025	0.88	0.5	--	UG/L	179.00	J	
1,1-Dichloroethane	04/11/2025	0.56	0.5	--	UG/L	179.00	J	
1,1-Dichloroethylene	04/11/2025	1.5	0.5	--	UG/L	179.00		
Trichloroethylene	04/11/2025	2.21	0.5	--	UG/L	179.00		

Site ID : 126-14

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/15/2025	3.28	--	--	UG/L	155.00		
1,1,1-Trichloroethane	04/15/2025	1.72	0.5	--	UG/L	155.00		
1,1-Dichloroethylene	04/15/2025	0.52	0.5	--	UG/L	155.00	J	
Trichloroethylene	04/15/2025	1.04	0.5	--	UG/L	155.00		

Site ID : 126-15

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	3.73	--	--	UG/L	155.00		
Dichlorodifluoromethane	04/24/2025	3.73	0.5	--	UG/L	155.00		

Site ID : 126-16

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	14.17	--	--	UG/L	135.00		
1,1,1-Trichloroethane	04/28/2025	1.69	0.5	--	UG/L	135.00		
1,1-Dichloroethane	04/28/2025	0.98	0.5	--	UG/L	135.00	J	
1,1-Dichloroethylene	04/28/2025	3.33	0.5	--	UG/L	135.00		
Chloroform	04/28/2025	3	0.5	--	UG/L	135.00		
Dichlorodifluoromethane	04/28/2025	2.07	0.5	--	UG/L	135.00		
Trichloroethylene	04/28/2025	3.1	0.5	--	UG/L	135.00		

Site ID : 126-19

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	12.94	--	--	UG/L	195.00		
1,1,1-Trichloroethane	04/16/2025	1.72	0.5	--	UG/L	195.00		
1,1-Dichloroethane	04/16/2025	2.29	0.5	--	UG/L	195.00		
1,1-Dichloroethylene	04/16/2025	3.57	0.5	--	UG/L	195.00		

Table 3.4-6
OU III Western South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 126-19

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	04/16/2025	1.73	0.5	--	UG/L	195.00		
Dichlorodifluoromethane	04/16/2025	3.63	0.5	--	UG/L	195.00		

Site ID : 126-20

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/15/2025	1.97	--	--	UG/L	140.00		
1,1,1-Trichloroethane	04/15/2025	0.64	0.5	--	UG/L	140.00	J	
1,1-Dichloroethylene	04/15/2025	0.58	0.5	--	UG/L	140.00	J	
Tetrachloroethylene	04/15/2025	0.34	0.5	--	UG/L	140.00	J	
Trichloroethylene	04/15/2025	0.41	0.5	--	UG/L	140.00	J	

Site ID : 126-21

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/15/2025	1.59	--	--	UG/L	204.00		
1,1-Dichloroethylene	04/15/2025	0.57	0.5	--	UG/L	204.00	J	
Chloroform	04/15/2025	0.63	0.5	--	UG/L	204.00	J	
Trichloroethylene	04/15/2025	0.39	0.5	--	UG/L	204.00	J	

Site ID : 130-02

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	0.64	--	--	UG/L	115.00		
Chloroform	04/18/2025	0.64	0.5	--	UG/L	115.00	J	

Site ID : 130-03

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	5.27	--	--	UG/L	162.50		
1,1,1-Trichloroethane	04/18/2025	1.2	0.5	--	UG/L	162.50		
1,1-Dichloroethylene	04/18/2025	1.71	0.5	--	UG/L	162.50		
Chloroform	04/18/2025	1.38	0.5	--	UG/L	162.50		
Tetrachloroethylene	04/18/2025	0.39	0.5	--	UG/L	162.50	J	
Trichloroethylene	04/18/2025	0.59	0.5	--	UG/L	162.50	J	

Site ID : 130-08

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/25/2025	0.43	--	--	UG/L	150.00		
Chloroform	04/25/2025	0.43	0.5	--	UG/L	150.00	J	

Site ID : 130-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/23/2025	4.59	--	--	UG/L	200.00		

Table 3.4-6
OU III Western South Boundary Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 130-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1,1-Trichloroethane	04/23/2025	1.1	0.5	--	UG/L	200.00		
1,1-Dichloroethylene	04/23/2025	2.08	0.5	--	UG/L	200.00		
Chloroform	04/23/2025	0.96	0.5	--	UG/L	200.00	J	
Trichloroethylene	04/23/2025	0.45	0.5	--	UG/L	200.00	J	

Site ID : 130-14

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	8.87	--	--	UG/L	208.00		
1,1-Dichloroethane	04/18/2025	0.92	0.5	--	UG/L	208.00	J	
1,1-Dichloroethylene	04/18/2025	0.52	0.5	--	UG/L	208.00	J	
Dichlorodifluoromethane	04/18/2025	7.43	0.5	--	UG/L	208.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.5-1
OU III Industrial Park Extraction Well Data
'Hits Only' April through June 2025

Site ID : 000-532 (EW-8)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	0.8	--	--	UG/L	253.00		
1,1-Dichloroethane	04/28/2025	0.21	0.5	--	UG/L	253.00	J	
1,1-Dichloroethylene	04/28/2025	0.31	0.5	--	UG/L	253.00	J	
Tetrachloroethylene	04/28/2025	0.28	0.5	--	UG/L	253.00	J	

Site ID : 000-533 (EW-9)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	2.59	--	--	UG/L	243.00		
1,1-Dichloroethane	04/28/2025	0.9	0.5	--	UG/L	243.00		
1,1-Dichloroethylene	04/28/2025	1.4	0.5	--	UG/L	243.00		
Methyl tert-butyl ether	04/28/2025	0.29	0.5	--	UG/L	243.00	J	

Table 3.5-2
OU III Industrial Park Influent Well Data
'Hits Only' April through June 2025

Site ID : 000-231 (UVB-1 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	0	--	--	UG/L	230.00		

Site ID : 000-235 (UVB-3 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	0	--	--	UG/L	204.00		

Site ID : 000-237 (UVB-4 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	0.17	--	--	UG/L	180.00		
Chloroform	04/28/2025	0.17	0.5	--	UG/L	180.00	J	

Site ID : 000-239 (UVB-5 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	1.31	--	--	UG/L	190.00		
Carbon tetrachloride	04/28/2025	0.37	0.5	--	UG/L	190.00	J	
Chloroform	04/28/2025	0.19	0.5	--	UG/L	190.00	J	
Tetrachloroethylene	04/28/2025	0.39	0.5	--	UG/L	190.00	J	
Trichloroethylene	04/28/2025	0.36	0.5	--	UG/L	190.00	J	

Site ID : 000-241 (UVB-6 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	0	--	--	UG/L	200.00		

Site ID : 000-243 (UVB-7 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	0	--	--	UG/L	215.00		

Table 3.5-3
OU III Industrial Park Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-112

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	1.4	--	--	UG/L	180.00		
Chloroform	05/27/2025	1.4	0.5	--	UG/L	180.00		

Site ID : 000-249

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	3.55	--	--	UG/L	264.00		
Carbon tetrachloride	05/28/2025	1.7	0.5	--	UG/L	264.00		
Chloroform	05/28/2025	0.56	0.5	--	UG/L	264.00		
Tetrachloroethylene	05/28/2025	0.96	0.5	--	UG/L	264.00		
Trichloroethylene	05/28/2025	0.33	0.5	--	UG/L	264.00	J	

Site ID : 000-259

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	6.89	--	--	UG/L	202.50		
1,1,1-Trichloroethane	05/27/2025	0.31	0.5	--	UG/L	202.50	J	
1,1-Dichloroethylene	05/27/2025	0.18	0.5	--	UG/L	202.50	J	
Carbon tetrachloride	05/27/2025	0.5	0.5	--	UG/L	202.50		
Chloroform	05/27/2025	0.4	0.5	--	UG/L	202.50	J	
Tetrachloroethylene	05/27/2025	5	0.5	--	UG/L	202.50		
Trichloroethylene	05/27/2025	0.5	0.5	--	UG/L	202.50		

Site ID : 000-268

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/20/2025	2.92	--	--	UG/L	215.50		
1,1,1-Trichloroethane	05/20/2025	0.27	0.5	--	UG/L	215.50	J	
1,2-Dichloroethane	05/20/2025	0.17	0.5	--	UG/L	215.50	J	
Carbon tetrachloride	05/20/2025	0.18	0.5	--	UG/L	215.50	J	
Chloroform	05/20/2025	0.56	0.5	--	UG/L	215.50		
cis-1,2-Dichloroethylene	05/20/2025	0.28	0.5	--	UG/L	215.50	J	
Tetrachloroethylene	05/20/2025	0.74	0.5	--	UG/L	215.50		
Trichloroethylene	05/20/2025	0.72	0.5	--	UG/L	215.50		

Site ID : 000-278

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	4.01	--	--	UG/L	194.00		
1,1,1-Trichloroethane	05/27/2025	0.28	0.5	--	UG/L	194.00	J	
Carbon tetrachloride	05/27/2025	0.29	0.5	--	UG/L	194.00	J	

Table 3.5-3
OU III Industrial Park Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-278

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	05/27/2025	0.42	0.5	--	UG/L	194.00	J	
cis-1,2-Dichloroethylene	05/27/2025	0.52	0.5	--	UG/L	194.00		
Tetrachloroethylene	05/27/2025	1.2	0.5	--	UG/L	194.00		
Trichloroethylene	05/27/2025	1.3	0.5	--	UG/L	194.00		

Site ID : 000-279

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/13/2025	1.77	--	--	UG/L	193.00		
Carbon tetrachloride	05/13/2025	0.37	0.5	--	UG/L	193.00	J	
Chloroform	05/13/2025	0.39	0.5	--	UG/L	193.00	J	
Tetrachloroethylene	05/13/2025	0.8	0.5	--	UG/L	193.00		
Trichloroethylene	05/13/2025	0.21	0.5	--	UG/L	193.00	J	

Site ID : 000-431

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	1.3	--	--	UG/L	260.00		
Chloroform	04/28/2025	1.1	0.5	--	UG/L	260.00		
Tetrachloroethylene	04/28/2025	0.2	0.5	--	UG/L	260.00	J	

Site ID : 000-432

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/13/2025	0.59	--	--	UG/L	230.00		
Chloroform	05/13/2025	0.39	0.5	--	UG/L	230.00	J	
Dichlorodifluoromethane	05/13/2025	0.2	0.5	--	UG/L	230.00	J	

Site ID : 000-528

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/19/2025	1.28	--	--	UG/L	220.00		
Chloroform	05/19/2025	0.3	0.5	--	UG/L	220.00	J	
Tetrachloroethylene	05/19/2025	0.98	0.5	--	UG/L	220.00		

Site ID : 000-529

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/19/2025	7.29	--	--	UG/L	215.00		
1,1,1-Trichloroethane	05/19/2025	1.6	0.5	--	UG/L	215.00		
1,1-Dichloroethylene	05/19/2025	0.77	0.5	--	UG/L	215.00		
Carbon tetrachloride	05/19/2025	0.43	0.5	--	UG/L	215.00	J	
Chloroform	05/19/2025	0.29	0.5	--	UG/L	215.00	J	

Table 3.5-3
OU III Industrial Park Monitoring Well Data
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Site ID : 000-529

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tetrachloroethylene	05/19/2025	3.2	0.5	--	UG/L	215.00		
Trichloroethylene	05/19/2025	1	0.5	--	UG/L	215.00		

Site ID : 000-530

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/20/2025	12.67	--	--	UG/L	210.00		
1,1,1-Trichloroethane	05/20/2025	5.5	0.5	--	UG/L	210.00		
1,1-Dichloroethane	05/20/2025	1.9	0.5	--	UG/L	210.00		
1,1-Dichloroethylene	05/20/2025	4.4	0.5	--	UG/L	210.00		
Chloroform	05/20/2025	0.19	0.5	--	UG/L	210.00	J	
Trichloroethylene	05/20/2025	0.68	0.5	--	UG/L	210.00		

Site ID : 000-531

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/19/2025	8.1	--	--	UG/L	205.00		
1,1,1-Trichloroethane	05/19/2025	0.8	0.5	--	UG/L	205.00		
1,1-Dichloroethylene	05/19/2025	0.9	0.5	--	UG/L	205.00		
Carbon tetrachloride	05/19/2025	2.3	0.5	--	UG/L	205.00		
Chloroform	05/19/2025	0.85	0.5	--	UG/L	205.00		
cis-1,2-Dichloroethylene	05/19/2025	0.16	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	05/19/2025	0.39	0.5	--	UG/L	205.00	J	
Trichloroethylene	05/19/2025	2.7	0.5	--	UG/L	205.00		

Site ID : 000-537

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	37.86	--	--	UG/L	245.00		
1,1,1-Trichloroethane	04/03/2025	4.2	0.5	--	UG/L	245.00		
1,1-Dichloroethylene	04/03/2025	1.4	0.5	--	UG/L	245.00		
Carbon tetrachloride	04/03/2025	0.88	0.5	--	UG/L	245.00		
Chloroform	04/03/2025	0.5	0.5	--	UG/L	245.00		
cis-1,2-Dichloroethylene	04/03/2025	0.38	0.5	--	UG/L	245.00	J	
Tetrachloroethylene	04/03/2025	25	0.5	--	UG/L	245.00		
Trichloroethylene	04/03/2025	5.5	0.5	--	UG/L	245.00		

Site ID : 000-538

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	16.75	--	--	UG/L	215.00		

Table 3.5-3
OU III Industrial Park Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-538

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1,1-Trichloroethane	04/03/2025	2.8	0.5	--	UG/L	215.00		
1,1-Dichloroethylene	04/03/2025	1.2	0.5	--	UG/L	215.00		
Carbon tetrachloride	04/03/2025	0.66	0.5	--	UG/L	215.00		
Chloroform	04/03/2025	0.52	0.5	--	UG/L	215.00		
cis-1,2-Dichloroethylene	04/03/2025	0.37	0.5	--	UG/L	215.00	J	
Dichlorodifluoromethane	04/03/2025	0.2	0.5	--	UG/L	215.00	J	
Tetrachloroethylene	04/03/2025	6.5	0.5	--	UG/L	215.00		
Trichloroethylene	04/03/2025	4.5	0.5	--	UG/L	215.00		

Site ID : 000-541

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/19/2025	36	--	--	UG/L	235.00		
1,1,1-Trichloroethane	05/19/2025	1.6	0.5	--	UG/L	235.00		
1,1-Dichloroethane	05/19/2025	0.3	0.5	--	UG/L	235.00	J	
1,1-Dichloroethylene	05/19/2025	1.2	0.5	--	UG/L	235.00		
Carbon tetrachloride	05/19/2025	11	0.5	--	UG/L	235.00		
Chloroform	05/19/2025	3.6	0.5	--	UG/L	235.00		
cis-1,2-Dichloroethylene	05/19/2025	0.2	0.5	--	UG/L	235.00	J	
Tetrachloroethylene	05/19/2025	8.2	0.5	--	UG/L	235.00		
Trichloroethylene	05/19/2025	9.9	0.5	--	UG/L	235.00		

Site ID : 000-544

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	3.84	--	--	UG/L	230.00		
1,1,1-Trichloroethane	05/28/2025	1.7	0.5	--	UG/L	230.00		
1,1-Dichloroethylene	05/28/2025	1.3	0.5	--	UG/L	230.00		
Carbon tetrachloride	05/28/2025	0.44	0.5	--	UG/L	230.00	J	
Chloroform	05/28/2025	0.21	0.5	--	UG/L	230.00	J	
Trichloroethylene	05/28/2025	0.19	0.5	--	UG/L	230.00	J	

Site ID : 000-548

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/12/2025	16.01	--	--	UG/L	235.00		
1,1,1-Trichloroethane	05/12/2025	4.8	0.5	--	UG/L	235.00		
1,1-Dichloroethylene	05/12/2025	2.1	0.5	--	UG/L	235.00		
Carbon tetrachloride	05/12/2025	1.9	0.5	--	UG/L	235.00		

Table 3.5-3
OU III Industrial Park Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-548

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	05/12/2025	0.37	0.5	--	UG/L	235.00	J	
cis-1,2-Dichloroethylene	05/12/2025	0.21	0.5	--	UG/L	235.00	J	
Tetrachloroethylene	05/12/2025	0.73	0.5	--	UG/L	235.00		
Trichloroethylene	05/12/2025	5.9	0.5	--	UG/L	235.00		

Site ID : 127-08

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	16.33	--	--	UG/L	240.00		
1,1,1-Trichloroethane	04/28/2025	0.46	0.5	--	UG/L	240.00	J	
1,1-Dichloroethylene	04/28/2025	0.37	0.5	--	UG/L	240.00	J	
Carbon tetrachloride	04/28/2025	3.4	0.5	--	UG/L	240.00		
Chloroform	04/28/2025	1	0.5	--	UG/L	240.00		
Tetrachloroethylene	04/28/2025	10	0.5	--	UG/L	240.00		
Trichloroethylene	04/28/2025	1.1	0.5	--	UG/L	240.00		

Site ID : 127-09

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/28/2025	3.66	--	--	UG/L	225.00		
Carbon tetrachloride	04/28/2025	0.38	0.5	--	UG/L	225.00	J	
Chloroform	04/28/2025	0.18	0.5	--	UG/L	225.00	J	
Tetrachloroethylene	04/28/2025	3.1	0.5	--	UG/L	225.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.6-2
OU III Building 96 Extraction/Influent Well Data
'Hits Only' April through June 2025

Site ID : 095-151 (RTW-1 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	30.75	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/08/2025	0.87	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/08/2025	12	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/08/2025	0.84	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/08/2025	2	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	1.9	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/08/2025	0.84	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/08/2025	7.3	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	3.3	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	1.7	1.6	--	NG/L	0.00		
1633 TPFAS	05/07/2025	38.57	--	--	NG/L	0.00		
8260 TVOC	05/07/2025	2.65	--	--	UG/L	0.00		
Chloroform	05/07/2025	0.95	0.5	--	UG/L	0.00		
Perfluorobutyric acid (PFBA)	05/07/2025	16	3	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/07/2025	1.3	1.5	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/07/2025	1.7	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/07/2025	3.9	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/07/2025	0.9	1.5	--	NG/L	0.00	J	
Perfluorooctane sulfonamide (PFOSAm)	05/07/2025	0.67	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/07/2025	7.7	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/07/2025	3.3	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/07/2025	3.1	1.5	--	NG/L	0.00		
Tetrachloroethylene	05/07/2025	1.7	0.5	--	UG/L	0.00		

Site ID : 095-153 (RTW-2 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/21/2025	3.18	--	--	UG/L	0.00		
Chloroform	04/21/2025	0.18	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	04/21/2025	3	0.5	--	UG/L	0.00		

Site ID : 095-155 (RTW-3 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/21/2025	1.76	--	--	UG/L	0.00		
Chloroform	04/21/2025	1.5	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/21/2025	0.26	0.5	--	UG/L	0.00	J	

Table 3.6-2
OU III Building 96 Extraction/Influent Well Data
'Hits Only' April through June 2025

Site ID : 095-157 (RTW-4 Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/21/2025	1.57	--	--	UG/L	0.00		
Chloroform	04/21/2025	1.4	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/21/2025	0.17	0.5	--	UG/L	0.00	J	

Table 3.6-3
OU III Building 96 Effluent Data
'Hits Only' April through June 2025

Site ID : 095-152 (RTW-1 Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	31.87	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/08/2025	0.87	1.7	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/08/2025	12	3.4	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/08/2025	0.89	1.7	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/08/2025	1.7	1.7	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	1.8	1.7	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/08/2025	0.91	1.7	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/08/2025	8.3	1.7	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	3.7	1.7	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	1.7	1.7	--	NG/L	0.00		
1633 TPFAS	05/07/2025	40.09	--	--	NG/L	0.00		
8260 TVOC	05/07/2025	0	--	--	UG/L	0.00		
Perfluorobutyric acid (PFBA)	05/07/2025	16	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/07/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/07/2025	1.9	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/07/2025	3.5	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/07/2025	0.86	1.6	--	NG/L	0.00	J	
Perfluorooctane sulfonamide (PFOSAm)	05/07/2025	0.63	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/07/2025	8.9	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/07/2025	4	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/07/2025	3.2	1.6	--	NG/L	0.00		
Barium	06/06/2025	28	0.8	--	UG/L	0.00		
Calcium	06/06/2025	14000	50	--	UG/L	0.00		
Magnesium	06/06/2025	3200	50	--	UG/L	0.00		
Manganese	06/06/2025	7.9	3	--	UG/L	0.00		
Potassium	06/06/2025	1400	150	--	UG/L	0.00		
Sodium	06/06/2025	49000	250	--	UG/L	0.00		

Table 3.6-5
OU III Building 96 Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 085-335

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/13/2025	8.75	--	--	UG/L	35.00		
Barium	06/13/2025	9.8	0.8	--	UG/L	35.00		
Calcium	06/13/2025	23000	50	--	UG/L	35.00		
Magnesium	06/13/2025	3800	50	--	UG/L	35.00		
Manganese	06/13/2025	15	3	--	UG/L	35.00		
Methyl chloride	06/13/2025	0.25	0.5	--	UG/L	35.00	J	
Potassium	06/13/2025	940	150	--	UG/L	35.00		
Selenium	06/13/2025	1.1	2	--	UG/L	35.00	B	
Sodium	06/13/2025	3800	250	--	UG/L	35.00		
Tetrachloroethylene	06/13/2025	8.5	0.5	--	UG/L	35.00		

Site ID : 085-347

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	2.8	--	--	UG/L	22.50		
Aluminum	05/28/2025	100	25	--	UG/L	22.50		
Barium	05/28/2025	3.9	0.8	--	UG/L	22.50		
Calcium	05/28/2025	9500	50	--	UG/L	22.50		
Iron	05/28/2025	990	200	--	UG/L	22.50		
Magnesium	05/28/2025	2500	50	--	UG/L	22.50		
Manganese	05/28/2025	6.1	3	--	UG/L	22.50		
Potassium	05/28/2025	160	150	--	UG/L	22.50		
Sodium	05/28/2025	2600	250	--	UG/L	22.50		
Tetrachloroethylene	05/28/2025	2.8	0.5	--	UG/L	22.50		

Site ID : 085-348

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	8.57	--	--	UG/L	34.50		
1,1,1-Trichloroethane	05/28/2025	0.17	0.5	--	UG/L	34.50	J	
Aluminum	05/28/2025	36	25	--	UG/L	34.50		
Barium	05/28/2025	24	0.8	--	UG/L	34.50		
Calcium	05/28/2025	13000	50	--	UG/L	34.50		
Chromium	05/28/2025	4.5	3	--	UG/L	34.50		
Magnesium	05/28/2025	3300	50	--	UG/L	34.50		
Manganese	05/28/2025	130	3	--	UG/L	34.50		
Potassium	05/28/2025	4600	150	--	UG/L	34.50		

Table 3.6-5
OU III Building 96 Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 085-348

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Selenium	05/28/2025	1.4	2	--	UG/L	34.50	B	
Sodium	05/28/2025	17000	250	--	UG/L	34.50		
Tetrachloroethylene	05/28/2025	8.4	0.5	--	UG/L	34.50		

Site ID : 085-349

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/06/2025	1.7	--	--	UG/L	24.50		
Tetrachloroethylene	06/06/2025	1.7	0.5	--	UG/L	24.50		

Site ID : 085-350

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/21/2025	1.4	--	--	UG/L	34.50		
Tetrachloroethylene	05/21/2025	1.4	0.5	--	UG/L	34.50		

Site ID : 085-351

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/06/2025	2.1	--	--	UG/L	25.00		
Tetrachloroethylene	06/06/2025	2.1	0.5	--	UG/L	25.00		

Site ID : 085-352

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/21/2025	11.2	--	--	UG/L	34.50		
1,1,1-Trichloroethane	05/21/2025	0.2	0.5	--	UG/L	34.50	J	
Aluminum	05/21/2025	46	25	--	UG/L	34.50		
Barium	05/21/2025	22	0.8	--	UG/L	34.50		
Calcium	05/21/2025	17000	50	--	UG/L	34.50		
Chromium	05/21/2025	1.9	3	--	UG/L	34.50	B	
Iron	05/21/2025	93	200	--	UG/L	34.50	B	
Magnesium	05/21/2025	3900	50	--	UG/L	34.50		
Manganese	05/21/2025	15	3	--	UG/L	34.50		
Potassium	05/21/2025	2700	150	--	UG/L	34.50		
Selenium	05/21/2025	1.2	2	--	UG/L	34.50	B	
Sodium	05/21/2025	3900	250	--	UG/L	34.50		
Tetrachloroethylene	05/21/2025	11	0.5	--	UG/L	34.50		

Site ID : 085-354

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/05/2025	3	--	--	UG/L	24.50		

Table 3.6-5
OU III Building 96 Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 085-354

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tetrachloroethylene	06/05/2025	3	0.5	--	UG/L	24.50		

Site ID : 085-379

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Barium	06/06/2025	12	0.8	--	UG/L	17.00		
Calcium	06/06/2025	31000	50	--	UG/L	17.00		
Cobalt	06/06/2025	8	1	--	UG/L	17.00		
Iron	06/06/2025	7100	200	--	UG/L	17.00		
Magnesium	06/06/2025	5200	50	--	UG/L	17.00		
Manganese	06/06/2025	2000	3	--	UG/L	17.00		
Nickel	06/06/2025	2.5	2	--	UG/L	17.00		
Potassium	06/06/2025	1400	150	--	UG/L	17.00		
Selenium	06/06/2025	1.2	2	--	UG/L	17.00	B	
Sodium	06/06/2025	6400	250	--	UG/L	17.00		

Site ID : 085-382

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/05/2025	1.01	--	--	UG/L	37.50		
Methyl chloride	06/05/2025	0.2	0.5	--	UG/L	37.50	J	
Trichlorofluoromethane	06/05/2025	0.81	0.5	--	UG/L	37.50		

Site ID : 085-386

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/06/2025	0.43	--	--	UG/L	31.50		
Trichlorofluoromethane	06/06/2025	0.43	0.5	--	UG/L	31.50	J	

Site ID : 085-416

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/06/2025	12.3	--	--	UG/L	25.00		
Barium	06/06/2025	9.6	0.8	--	UG/L	25.00		
Calcium	06/06/2025	11000	50	--	UG/L	25.00		
cis-1,2-Dichloroethylene	06/06/2025	0.3	0.5	--	UG/L	25.00	J	
Cobalt	06/06/2025	4.5	1	--	UG/L	25.00		
Iron	06/06/2025	3600	200	--	UG/L	25.00		
Magnesium	06/06/2025	3400	50	--	UG/L	25.00		
Manganese	06/06/2025	1300	3	--	UG/L	25.00		
Potassium	06/06/2025	510	150	--	UG/L	25.00		

Table 3.6-5
OU III Building 96 Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 085-416

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Sodium	06/06/2025	3800	250	--	UG/L	25.00		
Tetrachloroethylene	06/06/2025	12	0.5	--	UG/L	25.00		

Site ID : 095-159

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	18.39	--	--	UG/L	50.00		
Barium	05/28/2025	20	0.8	--	UG/L	50.00		
Calcium	05/28/2025	13000	50	--	UG/L	50.00		
Chloroform	05/28/2025	0.21	0.5	--	UG/L	50.00	J	
Chromium	05/28/2025	1.9	3	--	UG/L	50.00	B	
cis-1,2-Dichloroethylene	05/28/2025	0.18	0.5	--	UG/L	50.00	J	
Magnesium	05/28/2025	5000	50	--	UG/L	50.00		
Potassium	05/28/2025	1200	150	--	UG/L	50.00		
Selenium	05/28/2025	0.55	2	--	UG/L	50.00	B	
Sodium	05/28/2025	31000	250	--	UG/L	50.00		
Tetrachloroethylene	05/28/2025	18	0.5	--	UG/L	50.00		

Site ID : 095-162

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	2.9	--	--	UG/L	50.00		
Bromodichloromethane	05/27/2025	0.51	0.5	--	UG/L	50.00		
Bromoform	05/27/2025	0.47	0.5	--	UG/L	50.00	J	
Chloroform	05/27/2025	1.4	0.5	--	UG/L	50.00		
Dibromochloromethane	05/27/2025	0.52	0.5	--	UG/L	50.00		

Site ID : 095-163

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	1.51	--	--	UG/L	50.00		
Chloroform	05/27/2025	0.31	0.5	--	UG/L	50.00	J	
Tetrachloroethylene	05/27/2025	1.2	0.5	--	UG/L	50.00		

Site ID : 095-172

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	2.23	--	--	UG/L	50.00		
Chloroform	05/27/2025	1.4	0.5	--	UG/L	50.00		
Tetrachloroethylene	05/27/2025	0.83	0.5	--	UG/L	50.00		

Site ID : 095-294

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	2.6	--	--	UG/L	30.00		

Table 3.6-5
OU III Building 96 Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 095-294

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tetrachloroethylene	05/27/2025	2.6	0.5	--	UG/L	30.00		

Site ID : 095-305

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	1.6	--	--	UG/L	22.50		
Tetrachloroethylene	05/28/2025	1.6	0.5	--	UG/L	22.50		

Site ID : 095-306

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	8.8	--	--	UG/L	34.50		
Aluminum	05/28/2025	28	25	--	UG/L	34.50		
Barium	05/28/2025	21	0.8	--	UG/L	34.50		
Calcium	05/28/2025	5400	50	--	UG/L	34.50		
Chromium	05/28/2025	2.3	3	--	UG/L	34.50	B	
Magnesium	05/28/2025	3000	50	--	UG/L	34.50		
Manganese	05/28/2025	190	3	--	UG/L	34.50		
Potassium	05/28/2025	2600	150	--	UG/L	34.50		
Sodium	05/28/2025	5000	250	--	UG/L	34.50		
Tetrachloroethylene	05/28/2025	8.8	0.5	--	UG/L	34.50		

Site ID : 095-307

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	2.2	--	--	UG/L	32.50		
Tetrachloroethylene	05/27/2025	2.2	0.5	--	UG/L	32.50		

Site ID : 095-308

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	2.3	--	--	UG/L	37.50		
Tetrachloroethylene	05/27/2025	2.3	0.5	--	UG/L	37.50		

Site ID : 095-312

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	2.9	--	--	UG/L	50.00		
Chloroform	05/27/2025	1.1	0.5	--	UG/L	50.00		
Tetrachloroethylene	05/27/2025	1.8	0.5	--	UG/L	50.00		

Site ID : 095-313

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/27/2025	3.5	--	--	UG/L	52.50		

Table 3.6-5
OU III Building 96 Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 095-313

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tetrachloroethylene	05/27/2025	3.5	0.5	--	UG/L	52.50		

Site ID : 095-325

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/28/2025	8.7	--	--	UG/L	45.00		
Barium	05/28/2025	30	0.8	--	UG/L	45.00		
Calcium	05/28/2025	16000	50	--	UG/L	45.00		
Chromium	05/28/2025	7.9	3	--	UG/L	45.00		
Chromium hexavalent ion	05/28/2025	0.0081	0.01	--	MG/L	45.00	B	
Magnesium	05/28/2025	3900	50	--	UG/L	45.00		
Potassium	05/28/2025	5100	150	--	UG/L	45.00		
Selenium	05/28/2025	1.2	2	--	UG/L	45.00	B	
Sodium	05/28/2025	20000	250	--	UG/L	45.00		
Tetrachloroethylene	05/28/2025	8.7	0.5	--	UG/L	45.00		

Site ID : 095-84

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/06/2025	3.1	--	--	UG/L	25.50		
Aluminum	06/06/2025	54	25	--	UG/L	25.50		
Barium	06/06/2025	18	0.8	--	UG/L	25.50		
Calcium	06/06/2025	3300	50	--	UG/L	25.50		
Magnesium	06/06/2025	1900	50	--	UG/L	25.50		
Manganese	06/06/2025	59	3	--	UG/L	25.50		
Potassium	06/06/2025	930	150	--	UG/L	25.50		
Sodium	06/06/2025	5700	250	--	UG/L	25.50		
Tetrachloroethylene	06/06/2025	3.1	0.5	--	UG/L	25.50		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.7-2
OU III North Street East EDB Extraction Well Data
'Hits Only' April through June 2025

Site ID : 000-561 (NSE-EDB-EW-3)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	1.64	--	--	UG/L	0.00		
Chloroform	04/11/2025	1	0.5	--	UG/L	0.00		
Tetrachloroethylene	04/11/2025	0.24	0.5	--	UG/L	0.00	J	
Trichloroethylene	04/11/2025	0.4	0.5	--	UG/L	0.00	J	

Site ID : 000-562 (NSE-EDB-EW-4)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	1.89	--	--	UG/L	0.00		
Chloroform	04/11/2025	0.68	0.5	--	UG/L	0.00		
EDB	04/11/2025	0.0058	0.019	--	UG/L	0.00	J	
Tetrachloroethylene	04/11/2025	0.99	0.5	--	UG/L	0.00		
Trichloroethylene	04/11/2025	0.22	0.5	--	UG/L	0.00	J	

Table 3.7-3
OU III North Street East EDB Influent Data
'Hits Only' April through June 2025

Site ID : 000-441 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/11/2025	21.64	--	--	NG/L	0.00		
8260 TVOC	04/11/2025	1.89	--	--	UG/L	0.00		
1,4-Dioxane	04/11/2025	0.76	0.26	--	UG/L	0.00		
Chloroform	04/11/2025	0.96	0.5	--	UG/L	0.00		
EDB	04/11/2025	0.011	0.021	--	UG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/11/2025	14	3.1	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/11/2025	4	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/11/2025	0.84	1.6	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	04/11/2025	2.8	1.6	--	NG/L	0.00		
Tetrachloroethylene	04/11/2025	0.67	0.5	--	UG/L	0.00		
Trichloroethylene	04/11/2025	0.26	0.5	--	UG/L	0.00	J	
8260 TVOC	06/04/2025	2.23	--	--	UG/L	0.00		
Chloroform	06/04/2025	0.86	0.5	--	UG/L	0.00		
EDB	06/04/2025	0.014	0.02	--	UG/L	0.00	J	
Methyl chloride	06/04/2025	0.2	0.5	--	UG/L	0.00	J	
Tetrachloroethylene	06/04/2025	0.88	0.5	--	UG/L	0.00		
Trichloroethylene	06/04/2025	0.29	0.5	--	UG/L	0.00	J	

Table 3.7-4
OU III North Street East EDB Effluent Data
'Hits Only' April through June 2025

Site ID : 000-444 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/11/2025	0	--	--	NG/L	0.00		
8260 TVOC	04/11/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/11/2025	0.43	0.25	--	UG/L	0.00		
EDB	04/11/2025	0.02	0.02	--	UG/L	0.00	U	
EDB	04/11/2025	0.5	0.5	--	UG/L	0.00	U	
8260 TVOC	06/04/2025	0.18	--	--	UG/L	0.00		
EDB	06/04/2025	0.02	0.02	--	UG/L	0.00	U	
EDB	06/04/2025	0.5	0.5	--	UG/L	0.00	U	
Methyl chloride	06/04/2025	0.18	0.5	--	UG/L	0.00	J	

Table 3.7-6
OU III North Street East EDB Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-394

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/25/2025	0.011	0.02	--	UG/L	178.00	J P	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.8-1
OU III LIPA Extraction Well Data
'Hits Only' April through June 2025

Site ID : 000-453 (EW-1L)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	1.82	--	--	UG/L	227.00		
1,1,1-Trichloroethane	04/17/2025	0.48	0.5	--	UG/L	227.00	J	
1,1-Dichloroethylene	04/17/2025	0.36	0.5	--	UG/L	227.00	J	
Chloroform	04/17/2025	0.5	0.5	--	UG/L	227.00		
Trichloroethylene	04/17/2025	0.48	0.5	--	UG/L	227.00	J	

Site ID : 000-455 (EW-2L)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	0.84	--	--	UG/L	234.00		
Chloroform	04/17/2025	0.53	0.5	--	UG/L	234.00		
Trichloroethylene	04/17/2025	0.31	0.5	--	UG/L	234.00	J	

Site ID : 000-457 (EW-3L)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	1.2	--	--	UG/L	226.00		
Chloroform	04/17/2025	1.2	0.5	--	UG/L	226.00		

Site ID : 000-461 (EW-4L)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	5.43	--	--	UG/L	314.00		
Carbon tetrachloride	04/17/2025	0.7	0.5	--	UG/L	314.00		
Chloroform	04/17/2025	0.83	0.5	--	UG/L	314.00		
Tetrachloroethylene	04/17/2025	3	0.5	--	UG/L	314.00		
Trichloroethylene	04/17/2025	0.9	0.5	--	UG/L	314.00		

Table 3.8-1
OU III LIPA Extraction Well Data
'Hits Only' April through June 2025

Site ID : 800-122 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	59.38	--	--	NG/L	0.00		
8260 TVOC	04/09/2025	3.29	--	--	UG/L	0.00		
1,4-Dioxane	04/09/2025	0.76	0.25	--	UG/L	0.00		
Carbon tetrachloride	04/09/2025	0.69	0.5	--	UG/L	0.00		
Chloroform	04/09/2025	1.2	0.5	--	UG/L	0.00		
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/09/2025	6.7	3.1	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/09/2025	4.2	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/09/2025	6.6	3.1	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/09/2025	3.8	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	2.9	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/09/2025	11	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/09/2025	0.38	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/09/2025	1.7	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	5.1	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/09/2025	17	1.5	--	NG/L	0.00		
Trichloroethylene	04/09/2025	1.4	0.5	--	UG/L	0.00		
8260 TVOC	05/08/2025	3.01	--	--	UG/L	0.00		
1,1-Dichloroethylene	05/08/2025	0.17	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	05/08/2025	0.66	0.5	--	UG/L	0.00		
Chloroform	05/08/2025	0.78	0.5	--	UG/L	0.00		
Trichloroethylene	05/08/2025	1.4	0.5	--	UG/L	0.00		
8260 TVOC	06/11/2025	2.66	--	--	UG/L	0.00		
Carbon tetrachloride	06/11/2025	0.6	0.5	--	UG/L	0.00		
Chloroform	06/11/2025	0.76	0.5	--	UG/L	0.00		
Trichloroethylene	06/11/2025	1.3	0.5	--	UG/L	0.00		

Table 3.8-1
OU III LIPA Extraction Well Data
'Hits Only' April through June 2025

Site ID : 800-124 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	1.3	--	--	NG/L	0.00		
8260 TVOC	04/09/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/09/2025	0.78	0.25	--	UG/L	0.00		
Perfluorobutyric acid (PFBA)	04/09/2025	1.3	3.1	--	NG/L	0.00	J	
8260 TVOC	05/08/2025	0.52	--	--	UG/L	0.00		
Chloroform	05/08/2025	0.52	0.5	--	UG/L	0.00		
8260 TVOC	06/11/2025	0.83	--	--	UG/L	0.00		
Chloroform	06/11/2025	0.83	0.5	--	UG/L	0.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.9-2
OU III Airport Extraction Well Data
'Hits Only' April through June 2025

Site ID : 800-109 (RTW-1A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	1.31	--	--	UG/L	198.00		
Carbon tetrachloride	04/17/2025	0.42	0.5	--	UG/L	198.00	J	
Chloroform	04/17/2025	0.54	0.5	--	UG/L	198.00		
Trichloroethylene	04/17/2025	0.35	0.5	--	UG/L	198.00	J	

Site ID : 800-110 (RTW-2A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	1.41	--	--	UG/L	196.00		
Carbon tetrachloride	04/17/2025	0.91	0.5	--	UG/L	196.00		
Chloroform	04/17/2025	0.5	0.5	--	UG/L	196.00		

Site ID : 800-111 (RTW-3A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	1.98	--	--	UG/L	220.00		
Carbon tetrachloride	04/17/2025	0.64	0.5	--	UG/L	220.00		
Chloroform	04/17/2025	0.64	0.5	--	UG/L	220.00		
Trichloroethylene	04/17/2025	0.7	0.5	--	UG/L	220.00		

Site ID : 800-112 (RTW-4A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	3.69	--	--	UG/L	278.00		
1,1,2,2-Tetrachloroethane	04/17/2025	0.21	0.5	--	UG/L	278.00	J	
1,1-Dichloroethylene	04/17/2025	0.17	0.5	--	UG/L	278.00	J	
Carbon tetrachloride	04/17/2025	0.17	0.5	--	UG/L	278.00	J	
Chloroform	04/17/2025	2.4	0.5	--	UG/L	278.00		
Trichloroethylene	04/17/2025	0.74	0.5	--	UG/L	278.00		

Site ID : 800-113 (RTW-5A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	0.54	--	--	UG/L	230.00		
Chloroform	04/17/2025	0.54	0.5	--	UG/L	230.00		

Site ID : 800-132 (RTW-6A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	3.77	--	--	UG/L	175.00		
Carbon tetrachloride	04/17/2025	0.91	0.5	--	UG/L	175.00		
Chloroform	04/17/2025	0.56	0.5	--	UG/L	175.00		
Trichloroethylene	04/17/2025	2.3	0.5	--	UG/L	175.00		

Table 3.9-3
OU III Airport Influent Data
'Hits Only' April through June 2025

Site ID : 800-122 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	59.38	--	--	NG/L	0.00		
8260 TVOC	04/09/2025	3.29	--	--	UG/L	0.00		
1,4-Dioxane	04/09/2025	0.76	0.25	--	UG/L	0.00		
Carbon tetrachloride	04/09/2025	0.69	0.5	--	UG/L	0.00		
Chloroform	04/09/2025	1.2	0.5	--	UG/L	0.00		
Fluorotelomer sulfonate 6:2 (6:2 FTS)	04/09/2025	6.7	3.1	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/09/2025	4.2	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/09/2025	6.6	3.1	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/09/2025	3.8	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	2.9	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/09/2025	11	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/09/2025	0.38	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/09/2025	1.7	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	5.1	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/09/2025	17	1.5	--	NG/L	0.00		
Trichloroethylene	04/09/2025	1.4	0.5	--	UG/L	0.00		
8260 TVOC	05/08/2025	3.01	--	--	UG/L	0.00		
1,1-Dichloroethylene	05/08/2025	0.17	0.5	--	UG/L	0.00	J	
Carbon tetrachloride	05/08/2025	0.66	0.5	--	UG/L	0.00		
Chloroform	05/08/2025	0.78	0.5	--	UG/L	0.00		
Trichloroethylene	05/08/2025	1.4	0.5	--	UG/L	0.00		
8260 TVOC	06/11/2025	2.66	--	--	UG/L	0.00		
Carbon tetrachloride	06/11/2025	0.6	0.5	--	UG/L	0.00		
Chloroform	06/11/2025	0.76	0.5	--	UG/L	0.00		
Trichloroethylene	06/11/2025	1.3	0.5	--	UG/L	0.00		

Table 3.9-4
OU III Airport Effluent Data
'Hits Only' April through June 2025

Site ID : 800-124 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	1.3	--	--	NG/L	0.00		
8260 TVOC	04/09/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/09/2025	0.78	0.25	--	UG/L	0.00		
Perfluorobutyric acid (PFBA)	04/09/2025	1.3	3.1	--	NG/L	0.00	J	
8260 TVOC	05/08/2025	0.52	--	--	UG/L	0.00		
Chloroform	05/08/2025	0.52	0.5	--	UG/L	0.00		
8260 TVOC	06/11/2025	0.83	--	--	UG/L	0.00		
Chloroform	06/11/2025	0.83	0.5	--	UG/L	0.00		

Table 3.9-6
OU III Airport Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 800-100

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	0.32	--	--	UG/L	214.00		
Chloroform	06/11/2025	0.32	0.5	--	UG/L	214.00	J	

Site ID : 800-103

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	0.55	--	--	UG/L	225.00		
Chloroform	06/11/2025	0.55	0.5	--	UG/L	225.00		

Site ID : 800-104

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	0.2	--	--	UG/L	170.00		
Chloroform	06/11/2025	0.2	0.5	--	UG/L	170.00	J	

Site ID : 800-105

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	2.64	--	--	UG/L	233.00		
Chloroform	06/11/2025	2.3	0.5	--	UG/L	233.00		
Methyl tert-butyl ether	06/11/2025	0.34	0.5	--	UG/L	233.00	J	

Site ID : 800-106

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/17/2025	0.97	--	--	UG/L	217.00		
Chloroform	06/17/2025	0.97	0.5	--	UG/L	217.00		

Site ID : 800-108

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	0.3	--	--	UG/L	216.00		
Chloroform	06/11/2025	0.3	0.5	--	UG/L	216.00	J	

Site ID : 800-129

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/10/2025	0.79	--	--	UG/L	180.00		
Carbon tetrachloride	06/10/2025	0.55	0.5	--	UG/L	180.00		
Chloroform	06/10/2025	0.24	0.5	--	UG/L	180.00	J	

Site ID : 800-130

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/10/2025	6.87	--	--	UG/L	185.00		
1,1-Dichloroethylene	06/10/2025	0.32	0.5	--	UG/L	185.00	J	
Carbon tetrachloride	06/10/2025	1.4	0.5	--	UG/L	185.00		

Table 3.9-6
OU III Airport Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 800-130

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	06/10/2025	0.65	0.5	--	UG/L	185.00		
Trichloroethylene	06/10/2025	4.5	0.5	--	UG/L	185.00		

Site ID : 800-131

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/10/2025	5.97	--	--	UG/L	194.00		
Carbon tetrachloride	06/10/2025	5.6	0.5	--	UG/L	194.00		
Chloroform	06/10/2025	0.37	0.5	--	UG/L	194.00	J	

Site ID : 800-133

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	10.48	--	--	UG/L	225.00		
1,1,1-Trichloroethane	06/11/2025	0.22	0.5	--	UG/L	225.00	J	
Carbon tetrachloride	06/11/2025	8.8	0.5	--	UG/L	225.00		
Chloroform	06/11/2025	1.3	0.5	--	UG/L	225.00		
Methyl tert-butyl ether	06/11/2025	0.16	0.5	--	UG/L	225.00	J	

Site ID : 800-138

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	3.21	--	--	UG/L	250.00		
1,1,1-Trichloroethane	06/12/2025	0.17	0.5	--	UG/L	250.00	J	
1,1,2,2-Tetrachloroethane	06/12/2025	0.18	0.5	--	UG/L	250.00	J	
Carbon tetrachloride	06/12/2025	0.16	0.5	--	UG/L	250.00	J	
Chloroform	06/12/2025	1.2	0.5	--	UG/L	250.00		
Trichloroethylene	06/12/2025	1.5	0.5	--	UG/L	250.00		

Site ID : 800-43

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	1.31	--	--	UG/L	157.00		
Chloroform	06/12/2025	1.1	0.5	--	UG/L	157.00		
Dichlorodifluoromethane	06/12/2025	0.21	0.5	--	UG/L	157.00	J	

Site ID : 800-44

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	10.54	--	--	UG/L	212.00		
1,1,1-Trichloroethane	06/12/2025	0.24	0.5	--	UG/L	212.00	J	
1,1-Dichloroethylene	06/12/2025	0.34	0.5	--	UG/L	212.00	J	
Carbon tetrachloride	06/12/2025	9.5	0.5	--	UG/L	212.00		

Table 3.9-6
OU III Airport Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 800-44

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Chloroform	06/12/2025	0.46	0.5	--	UG/L	212.00	J	

Site ID : 800-50

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/17/2025	2.77	--	--	UG/L	205.00		
Bromoform	06/17/2025	1.1	0.5	--	UG/L	205.00		
Carbon tetrachloride	06/17/2025	0.53	0.5	--	UG/L	205.00		
Chloroform	06/17/2025	0.8	0.5	--	UG/L	205.00		
Dibromochloromethane	06/17/2025	0.34	0.5	--	UG/L	205.00	J	

Site ID : 800-59

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	0.6	--	--	UG/L	208.00		
Chloroform	06/12/2025	0.36	0.5	--	UG/L	208.00	J	
Dichlorodifluoromethane	06/12/2025	0.24	0.5	--	UG/L	208.00	J	

Site ID : 800-60

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	1.3	--	--	UG/L	210.00		
Chloroform	06/12/2025	1.3	0.5	--	UG/L	210.00		

Site ID : 800-63

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/18/2025	0.81	--	--	UG/L	206.00		
Chloroform	06/18/2025	0.57	0.5	--	UG/L	206.00		
Trichloroethylene	06/18/2025	0.24	0.5	--	UG/L	206.00	J	

Site ID : 800-90

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	2.34	--	--	UG/L	255.00		
Carbon tetrachloride	06/12/2025	0.39	0.5	--	UG/L	255.00	J	
Chloroform	06/12/2025	1.4	0.5	--	UG/L	255.00		
Trichloroethylene	06/12/2025	0.55	0.5	--	UG/L	255.00		

Site ID : 800-92

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	2.12	--	--	UG/L	200.00		
Carbon tetrachloride	06/12/2025	0.29	0.5	--	UG/L	200.00	J	
Chloroform	06/12/2025	1	0.5	--	UG/L	200.00		

Table 3.9-6
OU III Airport Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 800-92

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Trichloroethylene	06/12/2025	0.83	0.5	--	UG/L	200.00		

Site ID : 800-94

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	48.76	--	--	UG/L	180.00		
1,1,1-Trichloroethane	06/12/2025	3.5	0.5	--	UG/L	180.00		
1,1-Dichloroethylene	06/12/2025	5	0.5	--	UG/L	180.00		
1,2-Dichloroethane	06/12/2025	0.61	0.5	--	UG/L	180.00		
Carbon tetrachloride	06/12/2025	18	0.5	--	UG/L	180.00		
Chloroform	06/12/2025	0.96	0.5	--	UG/L	180.00		
cis-1,2-Dichloroethylene	06/12/2025	0.69	0.5	--	UG/L	180.00		
Trichloroethylene	06/12/2025	20	0.5	--	UG/L	180.00		

Site ID : 800-95

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	16.21	--	--	UG/L	187.00		
1,1,1-Trichloroethane	06/12/2025	1.1	0.5	--	UG/L	187.00		
1,1-Dichloroethylene	06/12/2025	1.6	0.5	--	UG/L	187.00		
1,2-Dichloroethane	06/12/2025	0.21	0.5	--	UG/L	187.00	J	
Carbon tetrachloride	06/12/2025	6	0.5	--	UG/L	187.00		
Chloroform	06/12/2025	0.71	0.5	--	UG/L	187.00		
cis-1,2-Dichloroethylene	06/12/2025	0.19	0.5	--	UG/L	187.00	J	
Trichloroethylene	06/12/2025	6.4	0.5	--	UG/L	187.00		

Site ID : 800-96

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/11/2025	46.35	--	--	UG/L	189.00		
1,1,1-Trichloroethane	06/11/2025	1.3	0.5	--	UG/L	189.00		
1,1-Dichloroethylene	06/11/2025	2.1	0.5	--	UG/L	189.00		
1,2-Dichloroethane	06/11/2025	0.3	0.5	--	UG/L	189.00	J	
Carbon tetrachloride	06/11/2025	20	0.5	--	UG/L	189.00		
Chloroform	06/11/2025	0.83	0.5	--	UG/L	189.00		
cis-1,2-Dichloroethylene	06/11/2025	0.82	0.5	--	UG/L	189.00		
Trichloroethylene	06/11/2025	21	0.5	--	UG/L	189.00		

Site ID : 800-97

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/10/2025	3.12	--	--	UG/L	199.00		

Table 3.9-6
OU III Airport Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 800-97

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1-Dichloroethylene	06/10/2025	0.16	0.5	--	UG/L	199.00	J	
Carbon tetrachloride	06/10/2025	2.6	0.5	--	UG/L	199.00		
Chloroform	06/10/2025	0.36	0.5	--	UG/L	199.00	J	

Site ID : 800-98

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	0.42	--	--	UG/L	184.00		
Chloroform	06/12/2025	0.42	0.5	--	UG/L	184.00	J	

Site ID : 800-99

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	06/12/2025	3.84	--	--	UG/L	248.00		
1,1,1-Trichloroethane	06/12/2025	0.54	0.5	--	UG/L	248.00		
1,1-Dichloroethylene	06/12/2025	0.25	0.5	--	UG/L	248.00	J	
Carbon tetrachloride	06/12/2025	0.22	0.5	--	UG/L	248.00	J	
Chloroform	06/12/2025	2.2	0.5	--	UG/L	248.00		
Trichloroethylene	06/12/2025	0.63	0.5	--	UG/L	248.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.10-2
OU III Strontium-90 BGRR/WCF Extraction Well Data
'Hits Only' April through June 2025

Site ID : 065-368 (SR-1)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	04/02/2025	16	0.77	1.17	PCI/L	0.00		
Strontium-90	05/08/2025	15	0.71	1.36	PCI/L	0.00		
Strontium-90	06/18/2025	21.7	0.636	1.54	PCI/L	0.00		

Site ID : 065-369 (SR-2)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	06/18/2025	2.3	0.58	0.557	PCI/L	0.00		

Site ID : 065-403 (SR-6)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/01/2025	0.615	0.309	0.203	PCI/L	0.00	J	

Site ID : 075-676 (SR-3)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	04/02/2025	2.68	0.771	0.641	PCI/L	0.00		

Site ID : 075-677 (SR-4)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/01/2025	5.99	0.387	0.393	PCI/L	0.00		

Site ID : 075-702 (SR-7)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/01/2025	0.772	0.355	0.234	PCI/L	0.00	J	

Site ID : 075-703 (SR-8)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/01/2025	2.44	0.377	0.292	PCI/L	0.00		

Site ID : 075-704 (SR-9)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/01/2025	2.99	0.555	0.403	PCI/L	0.00		

Table 3.10-3
OU III Strontium-90 BGRR/WCF Influent Data
'Hits Only' April through June 2025

Site ID : 066-216 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/02/2025	17.6	--	--	NG/L	0.00		
8260 TVOC	04/02/2025	0.79	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/02/2025	0.79	0.5	--	UG/L	0.00	J	
Perfluorononanoic acid (PFNA)	04/02/2025	1.93	1.87	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/02/2025	11.8	1.74	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/02/2025	3.87	1.87	--	NG/L	0.00		
Strontium-90	04/02/2025	1.88	0.761	0.593	PCI/L	0.00		
1633 TPFAS	05/08/2025	29.46	--	--	NG/L	0.00		
8260 TVOC	05/08/2025	0.56	--	--	UG/L	0.00		
1,1,1-Trichloroethane	05/08/2025	0.56	0.5	--	UG/L	0.00	J	
Perfluorobutyric acid (PFBA)	05/08/2025	7.75	7.44	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/08/2025	2.23	1.86	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/08/2025	1.99	1.86	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/08/2025	12.7	1.73	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/08/2025	4.79	1.86	--	NG/L	0.00		
Strontium-90	05/08/2025	2.04	0.671	0.62	PCI/L	0.00		
1633 TPFAS	06/18/2025	23.97	--	--	NG/L	0.00		
8260 TVOC	06/18/2025	1.37	--	--	UG/L	0.00		
1,1,1-Trichloroethane	06/18/2025	0.56	0.5	--	UG/L	0.00	J	
Naphthalene	06/18/2025	0.81	0.5	--	UG/L	0.00	J	
Perfluorobutyric acid (PFBA)	06/18/2025	7.55	7.43	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/18/2025	12.4	1.72	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/18/2025	4.02	1.86	--	NG/L	0.00		
Strontium-90	06/18/2025	4.64	0.495	0.71	PCI/L	0.00		

Table 3.10-4
OU III Strontium-90 BGRR/WCF Effluent Data
'Hits Only' April through June 2025

Site ID : 066-219 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/02/2025	21.19	--	--	NG/L	0.00		
8260 TVOC	04/02/2025	1.67	--	--	UG/L	0.00		
1,1,1-Trichloroethane	04/02/2025	0.81	0.5	--	UG/L	0.00	J	
1,1-Dichloroethane	04/02/2025	0.34	0.5	--	UG/L	0.00	J	
1,4-Dioxane	04/02/2025	0.24	0.24	--	UG/L	0.00	U	
Ethene, 1,2-dichloro-, (E)-	04/02/2025	0.52	0.5	--	UG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/02/2025	2.11	1.72	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/02/2025	2.07	1.89	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/02/2025	2.07	1.89	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/02/2025	9.26	1.75	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/02/2025	5.68	1.89	--	NG/L	0.00		
Strontium-90	04/02/2025	-0.101	0.779	0.419	PCI/L	0.00	U	
1633 TPFAS	05/08/2025	32.57	--	--	NG/L	0.00		
8260 TVOC	05/08/2025	1.09	--	--	UG/L	0.00		
1,1,1-Trichloroethane	05/08/2025	0.66	0.5	--	UG/L	0.00	J	
Ethene, 1,2-dichloro-, (E)-	05/08/2025	0.43	0.5	--	UG/L	0.00	J	
Perfluorobutyric acid (PFBA)	05/08/2025	7.97	7.7	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/08/2025	2.51	1.76	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/08/2025	2.34	1.92	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/08/2025	2.37	1.92	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/08/2025	10.9	1.79	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/08/2025	6.48	1.92	--	NG/L	0.00		
Strontium-90	05/08/2025	1.92	0.636	0.581	PCI/L	0.00		
Tritium	05/08/2025	355	354	221	PCI/L	0.00	J	N2
1633 TPFAS	06/18/2025	0	--	--	NG/L	0.00		
8260 TVOC	06/18/2025	0.37	--	--	UG/L	0.00		
Naphthalene	06/18/2025	0.37	0.5	--	UG/L	0.00	J	
Strontium-90	06/18/2025	0.262	0.573	0.337	PCI/L	0.00	U	
Tritium	06/18/2025	529	366	251	PCI/L	0.00		N2

Table 3.10-6
OU III Strontium-90 BGRR/WCF Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 065-160

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/19/2025	58.9	0.522	2.44	PCI/L	43.00		

Site ID : 065-169

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/19/2025	38.7	0.555	0.998	PCI/L	85.00		

Site ID : 065-175

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/20/2025	53.9	0.795	1.26	PCI/L	40.00		

Site ID : 065-325

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/20/2025	19	0.313	0.585	PCI/L	69.00		

Site ID : 065-37

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/19/2025	12.7	0.4	0.509	PCI/L	76.00		

Site ID : 065-39

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	04/30/2025	3.39	0.38	0.322	PCI/L	87.40		

Site ID : 065-404

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/16/2025	1.74	0.391	0.289	PCI/L	100.00		

Site ID : 065-405

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/19/2025	6.25	0.363	0.417	PCI/L	80.00		

Site ID : 075-664

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	06/13/2025	1.78	0.736	0.625	PCI/L	70.00		

Site ID : 075-684

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/09/2025	2.97	0.704	0.689	PCI/L	79.00		

Site ID : 075-701

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	04/29/2025	2.92	0.528	0.376	PCI/L	58.00		
Strontium-90	05/19/2025	3.92	0.424	0.357	PCI/L	58.00		
Strontium-90	06/13/2025	4.54	0.562	0.714	PCI/L	58.00		

Table 3.10-6
OU III Strontium-90 BGRR/WCF Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 075-705

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/16/2025	2.7	0.61	0.424	PCI/L	90.00		

Site ID : 085-398

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/12/2025	2.54	0.617	0.636	PCI/L	130.00		

Site ID : 085-402

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/05/2025	1.18	0.628	0.49	PCI/L	100.00		

Site ID : 085-403

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/12/2025	1.76	0.63	0.592	PCI/L	120.00		

Site ID : 085-415

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	05/05/2025	1.53	0.68	0.561	PCI/L	125.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.11-2
OU III Strontium-90 Chemical Holes Extraction Well Data
'Hits Only' April through June 2025

Site ID : 106-92 (EW-1)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Strontium-90	04/18/2025	7.88	0.756	0.957	PCI/L	0.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.15-1
OU III HFBR Tritium Plume Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 075-805

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tritium	04/02/2025	12125.81	2086.8	1313.61	PCI/L	55.73		

Site ID : 075-806

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tritium	04/03/2025	3809.288	2034.79	1230.33	PCI/L	55.00		

Site ID : 075-807

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Tritium	04/02/2025	14089.185	2092.05	1328.82	PCI/L	54.46		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.18-2
OU VI Ethylene Dibromide Extraction Well Data
'Hits Only' April through June 2025

Site ID : 000-503 (EW-1E)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/01/2025	1.7	--	--	UG/L	0.00		
Chloroform	05/01/2025	1.7	0.5	--	UG/L	0.00		

Site ID : 000-504 (EW-2E)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/01/2025	0.46	--	--	UG/L	0.00		
Chloroform	05/01/2025	0.46	0.5	--	UG/L	0.00	J	

Site ID : 000-578 (EW-3E)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	0.55	--	--	UG/L	0.00		
Chloroform	04/03/2025	0.55	0.5	--	UG/L	0.00		
EDB	04/03/2025	0.061	0.02	--	UG/L	0.00		

Site ID : 000-579 (EW-4E)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	0.65	--	--	UG/L	0.00		
Chloroform	04/03/2025	0.65	0.5	--	UG/L	0.00		
EDB	04/03/2025	0.093	0.02	--	UG/L	0.00		

Table 3.18-3
OU VI Ethylene Dibromide Influent Data
'Hits Only' April through June 2025

Site ID : 000-512 (Combined Influent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	0.59	--	--	UG/L	0.00		
Chloroform	04/03/2025	0.59	0.5	--	UG/L	0.00		
EDB	04/03/2025	0.076	0.02	--	UG/L	0.00		
8260 TVOC	05/09/2025	0.61	--	--	UG/L	0.00		
Barium	05/09/2025	19	0.8	--	UG/L	0.00		
Calcium	05/09/2025	7100	50	--	UG/L	0.00		
Chloroform	05/09/2025	0.61	0.5	--	UG/L	0.00		
Chromium	05/09/2025	1.9	3	--	UG/L	0.00	B	
Copper	05/09/2025	7.2	1	--	UG/L	0.00		
EDB	05/09/2025	0.074	0.02	--	UG/L	0.00		
Iron	05/09/2025	3500	200	--	UG/L	0.00		
Lead	05/09/2025	11	1	--	UG/L	0.00		
Magnesium	05/09/2025	3500	50	--	UG/L	0.00		
Manganese	05/09/2025	4.4	3	--	UG/L	0.00		
Potassium	05/09/2025	530	150	--	UG/L	0.00		
Sodium	05/09/2025	13000	250	--	UG/L	0.00		
Zinc	05/09/2025	48	10	--	UG/L	0.00		
Barium	06/04/2025	20	0.8	--	UG/L	0.00		
Calcium	06/04/2025	6500	50	--	UG/L	0.00		
Chromium	06/04/2025	1.3	3	--	UG/L	0.00	B	
Copper	06/04/2025	2.9	1	--	UG/L	0.00		
EDB	06/04/2025	0.072	0.02	--	UG/L	0.00		
Iron	06/04/2025	3300	200	--	UG/L	0.00		
Lead	06/04/2025	27	1	--	UG/L	0.00		
Magnesium	06/04/2025	3100	50	--	UG/L	0.00		
Manganese	06/04/2025	6.8	3	--	UG/L	0.00		
Nickel	06/04/2025	1	2	--	UG/L	0.00	B	
Potassium	06/04/2025	650	150	--	UG/L	0.00		
Sodium	06/04/2025	12000	250	--	UG/L	0.00		
Zinc	06/04/2025	43	10	--	UG/L	0.00		
8260 TVOC	06/11/2025	0.75	--	--	UG/L	0.00		
Chloroform	06/11/2025	0.57	0.5	--	UG/L	0.00		
Methyl chloride	06/11/2025	0.18	0.5	--	UG/L	0.00	J	

Table 3.18-4
OU VI Ethylene Dibromide Effluent Data
'Hits Only' April through June 2025

Site ID : 000-510 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	0.19	--	--	UG/L	0.00		
1,4-Dioxane	04/03/2025	0.27	0.26	--	UG/L	0.00		
Chloroform	04/03/2025	0.19	0.5	--	UG/L	0.00	J	
EDB	04/03/2025	0.02	0.02	--	UG/L	0.00	U	
EDB	04/03/2025	0.5	0.5	--	UG/L	0.00	U	
Barium	04/16/2025	19	0.8	--	UG/L	0.00		
Calcium	04/16/2025	6900	50	--	UG/L	0.00		
Copper	04/16/2025	11	1	--	UG/L	0.00		
Iron	04/16/2025	320	200	--	UG/L	0.00		
Lead	04/16/2025	0.86	1	--	UG/L	0.00	B	
Magnesium	04/16/2025	3300	50	--	UG/L	0.00		
Potassium	04/16/2025	560	150	--	UG/L	0.00		
Sodium	04/16/2025	11000	250	--	UG/L	0.00		
Zinc	04/16/2025	17	10	--	UG/L	0.00		
8260 TVOC	05/09/2025	0.33	--	--	UG/L	0.00		
Barium	05/09/2025	18	0.8	--	UG/L	0.00		
Calcium	05/09/2025	6800	50	--	UG/L	0.00		
Chloroform	05/09/2025	0.33	0.5	--	UG/L	0.00	J	
Copper	05/09/2025	25	1	--	UG/L	0.00		
EDB	05/09/2025	0.02	0.02	--	UG/L	0.00	U	
EDB	05/09/2025	0.5	0.5	--	UG/L	0.00	U	
Lead	05/09/2025	0.55	1	--	UG/L	0.00	B	
Magnesium	05/09/2025	3300	50	--	UG/L	0.00		
Manganese	05/09/2025	1.6	3	--	UG/L	0.00	B	
Potassium	05/09/2025	500	150	--	UG/L	0.00		
Sodium	05/09/2025	12000	250	--	UG/L	0.00		
Zinc	05/09/2025	66	10	--	UG/L	0.00		
8260 TVOC	06/04/2025	0.53	--	--	UG/L	0.00		
Barium	06/04/2025	18	0.8	--	UG/L	0.00		
Calcium	06/04/2025	6400	50	--	UG/L	0.00		
Chloroform	06/04/2025	0.53	0.5	--	UG/L	0.00		
Copper	06/04/2025	11	1	--	UG/L	0.00		
EDB	06/04/2025	0.02	0.02	--	UG/L	0.00	U	

Table 3.18-4
OU VI Ethylene Dibromide Effluent Data
'Hits Only' April through June 2025

Site ID : 000-510 (System Effluent)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/04/2025	0.5	0.5	--	UG/L	0.00	U	
Magnesium	06/04/2025	3100	50	--	UG/L	0.00		
Potassium	06/04/2025	680	150	--	UG/L	0.00		
Sodium	06/04/2025	12000	250	--	UG/L	0.00		
Zinc	06/04/2025	26	10	--	UG/L	0.00		

Table 3.18-6
OU VI Ethylene Dibromide Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-178

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/23/2025	0.073	0.02	--	UG/L	133.00		

Site ID : 000-283

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/23/2025	0.15	0.02	--	UG/L	107.00		

Site ID : 000-520

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/20/2025	0.033	0.02	--	UG/L	140.00		

Site ID : 000-524

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/26/2025	0.0075	0.02	--	UG/L	140.00	J	

Site ID : 000-549

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/24/2025	0.22	0.02	--	UG/L	145.00		

Site ID : 000-550

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/24/2025	0.27	0.02	--	UG/L	130.00		

Site ID : 000-567

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/24/2025	0.06	0.02	--	UG/L	145.00		

Site ID : 000-568

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/24/2025	0.28	0.019	--	UG/L	160.00		

Site ID : 000-570

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/18/2025	0.23	0.02	--	UG/L	160.00		

Site ID : 000-571

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/18/2025	0.028	0.02	--	UG/L	175.00		

Site ID : 000-572

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/18/2025	0.012	0.02	--	UG/L	200.00	J	

Site ID : 000-581

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/24/2025	0.048	0.02	--	UG/L	180.00		

Table 3.18-6
OU VI Ethylene Dibromide Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-582

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
EDB	06/20/2025	0.31	0.02	--	UG/L	185.00		

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 073-34 (CF-RW-A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	180.14	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/26/2025	2.5	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	3.5	3	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/26/2025	0.88	1.5	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/26/2025	2.8	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	26	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	7.9	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/26/2025	2	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/26/2025	0.76	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	120	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	3.6	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	2.8	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/26/2025	7.4	1.5	--	NG/L	0.00		
1633 TPFAS	05/21/2025	331.29	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	05/21/2025	3.7	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/21/2025	5	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/21/2025	4.7	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/21/2025	42	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/21/2025	11	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/21/2025	2.3	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/21/2025	0.99	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/21/2025	240	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	5.6	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/21/2025	5	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/21/2025	11	1.6	--	NG/L	0.00		
1633 TPFAS	06/30/2025	203	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	06/30/2025	3.2	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/30/2025	4.2	3.3	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/30/2025	4.5	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/30/2025	36	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/30/2025	12	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/30/2025	2	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/30/2025	120	1.6	--	NG/L	0.00		

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 073-34 (CF-RW-A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanoic acid (PFOA)	06/30/2025	4.5	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/30/2025	4.6	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/30/2025	12	1.6	--	NG/L	0.00		

Site ID : 073-35 (CF-RW-B)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	154.43	--	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/26/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/26/2025	0.46	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/26/2025	18	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	1.2	1.6	--	NG/L	0.00	J	
Perfluorononanoic acid (PFNA)	04/26/2025	10	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/26/2025	120	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	2.6	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	0.59	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/26/2025	0.48	1.6	--	NG/L	0.00	J	
1633 TPFAS	05/21/2025	171.53	--	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/21/2025	0.93	3.2	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/21/2025	15	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/21/2025	1.1	1.6	--	NG/L	0.00	J	
Perfluorononanoic acid (PFNA)	05/21/2025	11	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/21/2025	140	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	3.1	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/21/2025	0.4	1.6	--	NG/L	0.00	J	
1633 TPFAS	06/30/2025	124.99	--	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/30/2025	1	2.8	--	NG/L	0.00	J	
Perfluoroheptanesulfonate (PFHpS)	06/30/2025	0.71	1.4	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	06/30/2025	10	1.4	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/30/2025	11	1.4	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/30/2025	100	1.4	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/30/2025	1.9	1.4	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/30/2025	0.38	1.4	--	NG/L	0.00	J	

Site ID : 083-45 (CF-RW-C)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	1.31	--	--	NG/L	0.00		

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 083-45 (CF-RW-C)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,4-Dioxane	04/26/2025	0.56	0.26	--	UG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	0.6	1.6	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	04/26/2025	0.71	1.6	--	NG/L	0.00	J	
1633 TPFAS	05/21/2025	2.38	--	--	NG/L	0.00		
1,4-Dioxane	05/21/2025	0.75	0.24	--	UG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/21/2025	0.58	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/21/2025	1.2	1.5	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	05/21/2025	0.6	1.5	--	NG/L	0.00	J	
1633 TPFAS	06/30/2025	2.03	--	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/30/2025	0.71	1.4	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	06/30/2025	0.83	1.4	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	06/30/2025	0.49	1.4	--	NG/L	0.00	J	

Site ID : 083-46 (CF-RW-D)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	13.27	--	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	0.97	3.1	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/26/2025	1.4	1.6	--	NG/L	0.00	J	
Perfluorohexanoic acid (PFHxA)	04/26/2025	1.2	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	7.7	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	1.4	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/26/2025	0.6	1.6	--	NG/L	0.00	J	
1633 TPFAS	05/21/2025	18.07	--	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/21/2025	1.2	3	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/21/2025	1.8	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/21/2025	1.2	1.5	--	NG/L	0.00	J	
Perfluorononanoic acid (PFNA)	05/21/2025	0.51	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/21/2025	11	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	1.7	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/21/2025	0.66	1.5	--	NG/L	0.00	J	
1633 TPFAS	06/30/2025	13.84	--	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/30/2025	1.6	3.2	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	06/30/2025	0.45	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	06/30/2025	1.8	1.6	--	NG/L	0.00		

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 083-46 (CF-RW-D)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanesulfonate (PFOS)	06/30/2025	8.2	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/30/2025	1.2	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	06/30/2025	0.59	1.6	--	NG/L	0.00	J	

Site ID : 084-102 (CF-RW-E)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	346.4	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/26/2025	2.6	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	2.2	3	--	NG/L	0.00	J	
Perfluoroheptanesulfonate (PFHpS)	04/26/2025	2.3	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/26/2025	1.9	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	58	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	8.7	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/26/2025	13	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/26/2025	1.4	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	240	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	7.2	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	4.6	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/26/2025	4.5	1.5	--	NG/L	0.00		
1633 TPFAS	05/21/2025	396.9	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	05/21/2025	3.3	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/21/2025	2.6	3	--	NG/L	0.00	J	
Perfluoroheptanesulfonate (PFHpS)	05/21/2025	2.4	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/21/2025	2.2	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/21/2025	63	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/21/2025	7.8	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/21/2025	16	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/21/2025	1.3	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/21/2025	280	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	8.4	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/21/2025	5.2	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/21/2025	4.7	1.5	--	NG/L	0.00		
1633 TPFAS	06/30/2025	311.4	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	06/30/2025	2.7	1.7	--	NG/L	0.00		

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 084-102 (CF-RW-E)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorobutyric acid (PFBA)	06/30/2025	1.9	3.3	--	NG/L	0.00	J	
Perfluoroheptanesulfonate (PFHpS)	06/30/2025	1.8	1.7	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/30/2025	2.2	1.7	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/30/2025	56	1.7	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/30/2025	8	1.7	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/30/2025	13	1.7	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/30/2025	210	1.7	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/30/2025	6.7	1.7	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/30/2025	4.8	1.7	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/30/2025	4.3	1.7	--	NG/L	0.00		

Site ID : 102-32 (CF-RW-F)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	1.9	--	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	0.53	1.8	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	0.78	1.8	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	04/26/2025	0.59	1.8	--	NG/L	0.00	J	
1633 TPFAS	05/30/2025	2.9	--	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/30/2025	1.6	4	--	NG/L	0.00	J DE	DJ
Perfluorooctanoic acid (PFOA)	05/30/2025	1.3	4	--	NG/L	0.00	J DE	DJ
1633 TPFAS	06/30/2025	2.47	--	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/30/2025	0.72	1.4	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	06/30/2025	0.92	1.4	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	06/30/2025	0.83	1.4	--	NG/L	0.00	J	

Site ID : 102-33 (CF-RW-G)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	26.95	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/26/2025	3	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	0.98	3	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/26/2025	7.7	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	0.77	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	12	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	1.4	1.5	--	NG/L	0.00	J	
Perfluoropentanesulfonate (PFPeS)	04/26/2025	0.64	1.5	--	NG/L	0.00	J	

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 102-33 (CF-RW-G)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluoropentanoic acid (PFPeA)	04/26/2025	0.46	1.5	--	NG/L	0.00	J	
1633 TPFAS	05/21/2025	39.4	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	05/21/2025	3.5	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/21/2025	1.3	3.1	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/21/2025	11	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/21/2025	0.92	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/21/2025	20	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	2.1	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/21/2025	0.58	1.5	--	NG/L	0.00	J	
1633 TPFAS	06/30/2025	32.94	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	06/30/2025	2.5	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/30/2025	0.83	3.2	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	06/30/2025	0.53	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	06/30/2025	11	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/30/2025	15	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/30/2025	1.4	1.6	--	NG/L	0.00	J	
Perfluoropentanesulfonate (PFPeS)	06/30/2025	0.95	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	06/30/2025	0.73	1.6	--	NG/L	0.00	J	

Site ID : 102-34 (CF-RW-H)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	48.62	--	--	NG/L	0.00		
1,4-Dioxane	04/26/2025	0.46	0.26	--	UG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/26/2025	1	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/26/2025	1.6	3.3	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/26/2025	0.52	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/26/2025	9.7	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	2.9	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/26/2025	0.71	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	28	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	1.8	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	0.99	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/26/2025	1.4	1.6	--	NG/L	0.00	J	
1633 TPFAS	05/21/2025	53.64	--	--	NG/L	0.00		

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 102-34 (CF-RW-H)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,4-Dioxane	05/21/2025	0.4	0.25	--	UG/L	0.00		
Perfluorobutanesulfonate (PFBS)	05/21/2025	0.83	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	05/21/2025	1.9	3.3	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/21/2025	10	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/21/2025	3	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/21/2025	0.91	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/21/2025	33	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	2.3	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/21/2025	1.7	1.6	--	NG/L	0.00		
1633 TPFAS	06/30/2025	40.89	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	06/30/2025	0.87	1.6	--	NG/L	0.00	J	
Perfluorobutyric acid (PFBA)	06/30/2025	1.1	3.3	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	06/30/2025	0.46	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	06/30/2025	8.8	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/30/2025	2.5	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/30/2025	0.71	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	06/30/2025	23	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/30/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluoropentanesulfonate (PFPeS)	06/30/2025	0.65	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	06/30/2025	1.3	1.6	--	NG/L	0.00	J	

Site ID : 102-35 (CF-RW-I)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	5.84	--	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	1.9	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/26/2025	0.83	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/26/2025	2.4	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	0.71	1.6	--	NG/L	0.00	J	
1633 TPFAS	05/21/2025	5.5	--	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/21/2025	2	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/21/2025	2.4	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/21/2025	1.1	1.6	--	NG/L	0.00	J	
1633 TPFAS	06/30/2025	4.96	--	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/30/2025	2.2	1.5	--	NG/L	0.00		

Table 3.19-2
Current Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 102-35 (CF-RW-I)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanesulfonate (PFOS)	06/30/2025	2.1	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/30/2025	0.66	1.5	--	NG/L	0.00	J	

Table 3.19-3
Current Firehouse PFAS Influent Data
'Hits Only' April through June 2025

Site ID : 084-99

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	138.35	--	--	NG/L	0.00		
8260 TVOC	04/04/2025	0.45	--	--	UG/L	0.00		
Chloroform	04/04/2025	0.45	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/04/2025	1.7	1.4	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/04/2025	1.1	2.9	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/04/2025	1	1.4	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/04/2025	20	1.4	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/04/2025	3.1	1.4	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/04/2025	4.5	1.4	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/04/2025	0.45	1.4	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/04/2025	100	1.4	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/04/2025	3	1.4	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/04/2025	1.3	1.4	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/04/2025	2.2	1.4	--	NG/L	0.00		
1633 TPFAS	04/18/2025	144.77	--	--	NG/L	0.00		
8260 TVOC	04/18/2025	0.49	--	--	UG/L	0.00		
Chloroform	04/18/2025	0.49	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/18/2025	1.9	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/18/2025	1.7	3.1	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/18/2025	1.3	1.6	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/18/2025	23	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/18/2025	3.9	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/18/2025	5.2	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/18/2025	0.47	1.6	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	04/18/2025	100	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/18/2025	3	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/18/2025	1.6	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/18/2025	2.7	1.6	--	NG/L	0.00		
1633 TPFAS	05/05/2025	123.1	--	--	NG/L	0.00		
8260 TVOC	05/05/2025	0.45	--	--	UG/L	0.00		
Chloroform	05/05/2025	0.45	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	05/05/2025	1.7	1.4	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/05/2025	1.6	2.9	--	NG/L	0.00	J	

Table 3.19-3
Current Firehouse PFAS Influent Data
'Hits Only' April through June 2025

Site ID : 084-99

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluoroheptanoic acid (PFHpA)	05/05/2025	1	1.4	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/05/2025	20	1.4	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/05/2025	3.7	1.4	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/05/2025	5.5	1.4	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/05/2025	0.4	1.4	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/05/2025	82	1.4	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/05/2025	3.2	1.4	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/05/2025	1.4	1.4	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/05/2025	2.6	1.4	--	NG/L	0.00		
1633 TPFAS	05/19/2025	137.04	--	--	NG/L	0.00		
8260 TVOC	05/19/2025	0.83	--	--	UG/L	0.00		
Chloroform	05/19/2025	0.43	0.5	--	UG/L	0.00	J	
Methyl chloride	05/19/2025	0.23	0.5	--	UG/L	0.00	J	
Naphthalene	05/19/2025	0.17	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	05/19/2025	1.6	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/19/2025	1.4	3	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	05/19/2025	1.2	1.5	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/19/2025	19	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/19/2025	3.4	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/19/2025	4.6	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/19/2025	0.44	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	05/19/2025	98	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/19/2025	3.4	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/19/2025	1.4	1.5	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	05/19/2025	2.6	1.5	--	NG/L	0.00		
1633 TPFAS	06/03/2025	151.67	--	--	NG/L	0.00		
8260 TVOC	06/03/2025	0.43	--	--	UG/L	0.00		
Chloroform	06/03/2025	0.43	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	06/03/2025	1.6	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/03/2025	1.6	2.9	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	06/03/2025	1.4	1.5	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	06/03/2025	20	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/03/2025	3.7	1.5	--	NG/L	0.00		

Table 3.19-3
Current Firehouse PFAS Influent Data
'Hits Only' April through June 2025

Site ID : 084-99

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorononanoic acid (PFNA)	06/03/2025	5	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	06/03/2025	0.47	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	06/03/2025	110	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/03/2025	3.2	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/03/2025	1.6	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/03/2025	3.1	1.5	--	NG/L	0.00		
1633 TPFAS	06/16/2025	122.92	--	--	NG/L	0.00		
8260 TVOC	06/16/2025	0.43	--	--	UG/L	0.00		
Chloroform	06/16/2025	0.43	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	06/16/2025	1.7	1.4	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/16/2025	1.4	1.4	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/16/2025	21	1.4	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/16/2025	3.6	1.4	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/16/2025	4.2	1.4	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	06/16/2025	0.42	1.4	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	06/16/2025	86	1.4	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/16/2025	1.4	1.4	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/16/2025	3.2	1.4	--	NG/L	0.00		

Table 3.19-4
Current Firehouse PFAS Effluent Data
'Hits Only' April through June 2025

Site ID : 084-101

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	0	--	--	NG/L	0.00		
8260 TVOC	04/04/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/04/2025	0.25	0.25	--	UG/L	0.00	U	
1633 TPFAS	04/18/2025	0	--	--	NG/L	0.00		
8260 TVOC	04/18/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/18/2025	0.25	0.25	--	UG/L	0.00	U	
1633 TPFAS	05/05/2025	0	--	--	NG/L	0.00		
8260 TVOC	05/05/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	05/05/2025	0.25	0.25	--	UG/L	0.00	U	
1633 TPFAS	05/19/2025	0	--	--	NG/L	0.00		
8260 TVOC	05/19/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	05/19/2025	0.25	0.25	--	UG/L	0.00	U	
1633 TPFAS	06/03/2025	0	--	--	NG/L	0.00		
8260 TVOC	06/03/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	06/03/2025	0.15	0.25	--	UG/L	0.00	J	
1633 TPFAS	06/16/2025	0	--	--	NG/L	0.00		
8260 TVOC	06/16/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	06/16/2025	0.24	0.24	--	UG/L	0.00	U	

Table 3.19-6
Current Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 073-26

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	1337.3	--	--	NG/L	42.50		
Perfluorohexanesulfonate (PFHxS)	04/04/2025	23	10	--	NG/L	42.50	DE	
Perfluorooctanesulfonate (PFOS)	04/04/2025	1300	10	--	NG/L	42.50	DE	
Perfluorooctanoic acid (PFOA)	04/04/2025	7.6	10	--	NG/L	42.50	J DE	
Perfluoroundecanoic acid (PFUdA)	04/04/2025	6.7	10	--	NG/L	42.50	J DE	

Site ID : 073-27

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/07/2025	212.16	--	--	NG/L	42.50		
Perfluorobutanesulfonate (PFBS)	04/07/2025	16	1.6	--	NG/L	42.50		
Perfluorobutyric acid (PFBA)	04/07/2025	6	3.3	--	NG/L	42.50		
Perfluorodecanoic acid (PFDA)	04/07/2025	0.56	1.6	--	NG/L	42.50	J	
Perfluoroheptanesulfonate (PFHpS)	04/07/2025	0.9	1.6	--	NG/L	42.50	J	
Perfluoroheptanoic acid (PFHpA)	04/07/2025	2.5	1.6	--	NG/L	42.50		
Perfluorohexanesulfonate (PFHxS)	04/07/2025	15	1.6	--	NG/L	42.50		
Perfluorohexanoic acid (PFHxA)	04/07/2025	9.5	1.6	--	NG/L	42.50		
Perfluorononanoic acid (PFNA)	04/07/2025	1.6	1.6	--	NG/L	42.50		
Perfluorooctanesulfonate (PFOS)	04/07/2025	140	1.6	--	NG/L	42.50		
Perfluorooctanoic acid (PFOA)	04/07/2025	9.7	1.6	--	NG/L	42.50		
Perfluoropentanesulfonate (PFPeS)	04/07/2025	2.3	1.6	--	NG/L	42.50		
Perfluoropentanoic acid (PFPeA)	04/07/2025	8.1	1.6	--	NG/L	42.50		

Site ID : 073-28

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	495.21	--	--	NG/L	42.50		
Perfluorobutanesulfonate (PFBS)	04/04/2025	3.6	1.6	--	NG/L	42.50		
Perfluorobutyric acid (PFBA)	04/04/2025	1.1	3.2	--	NG/L	42.50	J	
Perfluorohexanesulfonate (PFHxS)	04/04/2025	1.9	1.6	--	NG/L	42.50		
Perfluorohexanoic acid (PFHxA)	04/04/2025	2.1	1.6	--	NG/L	42.50		
Perfluorooctanesulfonate (PFOS)	04/04/2025	480	1.6	--	NG/L	42.50		
Perfluorooctanoic acid (PFOA)	04/04/2025	0.62	1.6	--	NG/L	42.50	J	
Perfluoropentanesulfonate (PFPeS)	04/04/2025	0.97	1.6	--	NG/L	42.50	J	
Perfluoropentanoic acid (PFPeA)	04/04/2025	4.5	1.6	--	NG/L	42.50		
Perfluoroundecanoic acid (PFUdA)	04/04/2025	0.42	1.6	--	NG/L	42.50	J	

Site ID : 073-29

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	5.35	--	--	NG/L	42.50		

Table 3.19-6
Current Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 073-29

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorohexanesulfonate (PFHxS)	04/04/2025	3	1.7	--	NG/L	42.50		
Perfluorooctanesulfonate (PFOS)	04/04/2025	1	1.7	--	NG/L	42.50	J	
Perfluorooctanoic acid (PFOA)	04/04/2025	0.55	1.7	--	NG/L	42.50	J	
Perfluoropentanoic acid (PFPeA)	04/04/2025	0.8	1.7	--	NG/L	42.50	J	

Site ID : 073-30

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	129.2	--	--	NG/L	42.50		
Perfluorobutanesulfonate (PFBS)	04/08/2025	1.7	1.6	--	NG/L	42.50		
Perfluorobutyric acid (PFBA)	04/08/2025	2.7	3.1	--	NG/L	42.50	J	
Perfluoroheptanoic acid (PFHpA)	04/08/2025	1.5	1.6	--	NG/L	42.50	J	
Perfluorohexanesulfonate (PFHxS)	04/08/2025	5.6	1.6	--	NG/L	42.50		
Perfluorohexanoic acid (PFHxA)	04/08/2025	1.9	1.6	--	NG/L	42.50		
Perfluorononanoic acid (PFNA)	04/08/2025	2	1.6	--	NG/L	42.50		
Perfluorooctanesulfonate (PFOS)	04/08/2025	97	1.6	--	NG/L	42.50		
Perfluorooctanoic acid (PFOA)	04/08/2025	15	1.6	--	NG/L	42.50		
Perfluoropentanoic acid (PFPeA)	04/08/2025	1.8	1.6	--	NG/L	42.50		

Site ID : 073-31

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/07/2025	1093.2	--	--	NG/L	42.50		
Perfluorobutanesulfonate (PFBS)	04/07/2025	27	10	--	NG/L	42.50	DE	
Perfluorobutyric acid (PFBA)	04/07/2025	11	20	--	NG/L	42.50	J DE	
Perfluoroheptanesulfonate (PFHpS)	04/07/2025	4.7	10	--	NG/L	42.50	J DE	
Perfluoroheptanoic acid (PFHpA)	04/07/2025	15	10	--	NG/L	42.50	DE	
Perfluorohexanesulfonate (PFHxS)	04/07/2025	330	10	--	NG/L	42.50	DE	
Perfluorohexanoic acid (PFHxA)	04/07/2025	32	10	--	NG/L	42.50	DE	
Perfluorononanoic acid (PFNA)	04/07/2025	7.4	10	--	NG/L	42.50	J DE	
Perfluorooctane sulfonamide (PFOSAm)	04/07/2025	4.1	10	--	NG/L	42.50	J DE	
Perfluorooctanesulfonate (PFOS)	04/07/2025	590	10	--	NG/L	42.50	DE	
Perfluorooctanoic acid (PFOA)	04/07/2025	23	10	--	NG/L	42.50	DE	
Perfluoropentanesulfonate (PFPeS)	04/07/2025	23	10	--	NG/L	42.50	DE	
Perfluoropentanoic acid (PFPeA)	04/07/2025	26	10	--	NG/L	42.50	DE	

Site ID : 073-32

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/07/2025	39.54	--	--	NG/L	60.00		

Table 3.19-6
Current Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 073-32

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorobutanesulfonate (PFBS)	04/07/2025	1.7	1.5	--	NG/L	60.00		
Perfluorobutyric acid (PFBA)	04/07/2025	0.81	3	--	NG/L	60.00	J	
Perfluoroheptanoic acid (PFHpA)	04/07/2025	0.71	1.5	--	NG/L	60.00	J	
Perfluorohexanesulfonate (PFHxS)	04/07/2025	14	1.5	--	NG/L	60.00		
Perfluorohexanoic acid (PFHxA)	04/07/2025	2.4	1.5	--	NG/L	60.00		
Perfluorononanoic acid (PFNA)	04/07/2025	0.62	1.5	--	NG/L	60.00	J	
Perfluorooctanesulfonate (PFOS)	04/07/2025	15	1.5	--	NG/L	60.00		
Perfluorooctanoic acid (PFOA)	04/07/2025	1.7	1.5	--	NG/L	60.00		
Perfluoropentanesulfonate (PFPeS)	04/07/2025	1.3	1.5	--	NG/L	60.00	J	
Perfluoropentanoic acid (PFPeA)	04/07/2025	1.3	1.5	--	NG/L	60.00	J	

Site ID : 073-33

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	1825.4	--	--	NG/L	42.50		
Perfluorobutanesulfonate (PFBS)	04/08/2025	8.6	10	--	NG/L	42.50	J DE	
Perfluoroheptanesulfonate (PFHpS)	04/08/2025	14	10	--	NG/L	42.50	DE	
Perfluoroheptanoic acid (PFHpA)	04/08/2025	3	10	--	NG/L	42.50	J DE	
Perfluorohexanesulfonate (PFHxS)	04/08/2025	70	10	--	NG/L	42.50	DE	
Perfluorohexanoic acid (PFHxA)	04/08/2025	7	10	--	NG/L	42.50	J DE	
Perfluorononanoic acid (PFNA)	04/08/2025	3.3	10	--	NG/L	42.50	J DE	
Perfluorooctanesulfonate (PFOS)	04/08/2025	1700	10	--	NG/L	42.50	DE	
Perfluorooctanoic acid (PFOA)	04/08/2025	8.6	10	--	NG/L	42.50	J DE	
Perfluoropentanesulfonate (PFPeS)	04/08/2025	5.9	10	--	NG/L	42.50	J DE	
Perfluoropentanoic acid (PFPeA)	04/08/2025	5	10	--	NG/L	42.50	J DE	

Site ID : 074-135

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	15.46	--	--	NG/L	60.00		
Perfluorobutanesulfonate (PFBS)	04/08/2025	0.44	1.5	--	NG/L	60.00	J	
Perfluorobutyric acid (PFBA)	04/08/2025	0.84	3	--	NG/L	60.00	J	
Perfluorohexanesulfonate (PFHxS)	04/08/2025	2	1.5	--	NG/L	60.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	0.62	1.5	--	NG/L	60.00	J	
Perfluorooctanesulfonate (PFOS)	04/08/2025	8.9	1.5	--	NG/L	60.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	1.9	1.5	--	NG/L	60.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	0.76	1.5	--	NG/L	60.00	J	

Table 3.19-6
Current Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 093-04

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	4160	--	--	NG/L	49.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	290	250	--	NG/L	49.00	DE	
Perfluorooctanesulfonate (PFOS)	04/09/2025	3800	250	--	NG/L	49.00	DE	
Perfluorooctanoic acid (PFOA)	04/09/2025	70	250	--	NG/L	49.00	J DE	

Site ID : 093-93

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	19.9	--	--	NG/L	60.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	7.9	1.6	--	NG/L	60.00		
Perfluorooctanesulfonate (PFOS)	04/09/2025	11	1.6	--	NG/L	60.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	1	1.6	--	NG/L	60.00	J	

Site ID : 093-94

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	2167	--	--	NG/L	50.00		
Perfluorobutanesulfonate (PFBS)	04/09/2025	18	25	--	NG/L	50.00	J DE	
Perfluoroheptanesulfonate (PFHpS)	04/09/2025	27	25	--	NG/L	50.00	DE	
Perfluoroheptanoic acid (PFHpA)	04/09/2025	13	25	--	NG/L	50.00	J DE	
Perfluorohexanesulfonate (PFHxS)	04/09/2025	1300	25	--	NG/L	50.00	DE	
Perfluorohexanoic acid (PFHxA)	04/09/2025	17	25	--	NG/L	50.00	J DE	
Perfluorooctanesulfonate (PFOS)	04/09/2025	660	25	--	NG/L	50.00	DE	
Perfluorooctanoic acid (PFOA)	04/09/2025	91	25	--	NG/L	50.00	DE	
Perfluoropentanesulfonate (PFPeS)	04/09/2025	41	25	--	NG/L	50.00	DE	

Site ID : 093-95

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	57.71	--	--	NG/L	65.00		
Perfluorobutanesulfonate (PFBS)	04/09/2025	0.66	1.5	--	NG/L	65.00	J	
Perfluorobutyric acid (PFBA)	04/09/2025	0.9	3.1	--	NG/L	65.00	J	
Perfluoroheptanoic acid (PFHpA)	04/09/2025	0.95	1.5	--	NG/L	65.00	J	
Perfluorohexanesulfonate (PFHxS)	04/09/2025	18	1.5	--	NG/L	65.00		
Perfluorohexanoic acid (PFHxA)	04/09/2025	2.8	1.5	--	NG/L	65.00		
Perfluorooctanesulfonate (PFOS)	04/09/2025	30	1.5	--	NG/L	65.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	1.8	1.5	--	NG/L	65.00		
Perfluoropentanesulfonate (PFPeS)	04/09/2025	1.2	1.5	--	NG/L	65.00	J	
Perfluoropentanoic acid (PFPeA)	04/09/2025	1.4	1.5	--	NG/L	65.00	J	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.

Table 3.20-2
Former Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 085-414 (FF-RW-A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	282.6	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/26/2025	2.5	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	9	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/26/2025	1.4	1.6	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/26/2025	3.5	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	86	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	18	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/26/2025	2.5	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/26/2025	15	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/26/2025	110	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	29	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	1.5	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/26/2025	4.2	1.6	--	NG/L	0.00		
1633 TPFAS	05/12/2025	314.9	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	05/12/2025	2.3	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/12/2025	10	3	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/12/2025	4.3	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/12/2025	110	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/12/2025	20	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/12/2025	3.3	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/12/2025	13	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/12/2025	110	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/12/2025	35	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/12/2025	2.1	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/12/2025	4.9	1.5	--	NG/L	0.00		
1633 TPFAS	06/23/2025	307.2	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	06/23/2025	2.7	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/23/2025	9.7	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	06/23/2025	1.8	1.6	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/23/2025	4.4	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/23/2025	100	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/23/2025	15	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/23/2025	3.6	1.6	--	NG/L	0.00		

Table 3.20-2
Former Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 085-414 (FF-RW-A)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctane sulfonamide (PFOSAm)	06/23/2025	15	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/23/2025	110	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/23/2025	39	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/23/2025	1.6	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/23/2025	4.4	1.6	--	NG/L	0.00		

Site ID : 096-132 (FF-RW-B)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	214.6	--	--	NG/L	0.00		
1,4-Dioxane	04/26/2025	0.14	0.26	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/26/2025	2.6	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	5.8	3.2	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/26/2025	2.6	1.6	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/26/2025	3	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	79	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	14	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/26/2025	9.8	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/26/2025	5.2	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/26/2025	61	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	26	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	1.9	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/26/2025	3.7	1.6	--	NG/L	0.00		
1633 TPFAS	05/12/2025	236	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	05/12/2025	2.8	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/12/2025	6.5	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	05/12/2025	3	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/12/2025	3.4	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/12/2025	86	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/12/2025	15	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/12/2025	11	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/12/2025	3.5	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/12/2025	68	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/12/2025	31	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/12/2025	1.9	1.5	--	NG/L	0.00		

Table 3.20-2
Former Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 096-132 (FF-RW-B)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluoropentanoic acid (PFPeA)	05/12/2025	3.9	1.5	--	NG/L	0.00		
1633 TPFAS	06/23/2025	256	--	--	NG/L	0.00		
1,4-Dioxane	06/23/2025	0.17	0.27	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	06/23/2025	2.8	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/23/2025	6.1	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	06/23/2025	2.6	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/23/2025	3.4	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/23/2025	100	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/23/2025	13	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/23/2025	12	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	06/23/2025	3.7	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/23/2025	74	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/23/2025	33	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/23/2025	1.7	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/23/2025	3.7	1.5	--	NG/L	0.00		

Site ID : 105-79 (FF-RW-C)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/26/2025	122.8	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	04/26/2025	1.8	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/26/2025	6.5	2.9	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/26/2025	1.2	1.5	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	04/26/2025	2.4	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/26/2025	42	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/26/2025	8.9	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/26/2025	2	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/26/2025	1.9	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/26/2025	37	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/26/2025	14	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/26/2025	1.5	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/26/2025	3.6	1.5	--	NG/L	0.00		
1633 TPFAS	05/12/2025	133.7	--	--	NG/L	0.00		
1,4-Dioxane	05/12/2025	0.14	0.26	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	05/12/2025	2.2	1.6	--	NG/L	0.00		

Table 3.20-2
Former Firehouse PFAS Extraction Well Data
'Hits Only' April through June 2025

Site ID : 105-79 (FF-RW-C)

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorobutyric acid (PFBA)	05/12/2025	7	3.2	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/12/2025	2.9	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/12/2025	49	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/12/2025	10	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/12/2025	2.4	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/12/2025	1.6	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/12/2025	37	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/12/2025	16	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/12/2025	1.6	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/12/2025	4	1.6	--	NG/L	0.00		
1633 TPFAS	06/23/2025	127.47	--	--	NG/L	0.00		
Perfluorobutanesulfonate (PFBS)	06/23/2025	1.8	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/23/2025	5.6	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	06/23/2025	0.97	1.5	--	NG/L	0.00	J	
Perfluoroheptanoic acid (PFHpA)	06/23/2025	2	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/23/2025	47	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/23/2025	7.1	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/23/2025	2.2	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	06/23/2025	1.1	1.5	--	NG/L	0.00	J	
Perfluorooctanesulfonate (PFOS)	06/23/2025	39	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/23/2025	16	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/23/2025	1.1	1.5	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	06/23/2025	3.6	1.5	--	NG/L	0.00		

Table 3.20-3
Former Firehouse PFAS Influent Data
'Hits Only' April through June 2025

Site ID : 076-422

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	224	--	--	NG/L	0.00		
8260 TVOC	04/09/2025	0.55	--	--	UG/L	0.00		
1,1-Dichloroethylene	04/09/2025	0.17	0.5	--	UG/L	0.00	J	
1,4-Dioxane	04/09/2025	0.23	0.24	--	UG/L	0.00	J	
Chloroform	04/09/2025	0.38	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/09/2025	2.7	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/09/2025	6.9	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/09/2025	2.5	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/09/2025	3.3	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	81	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/09/2025	15	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/09/2025	4.8	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/09/2025	4.6	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/09/2025	72	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	25	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/09/2025	2	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/09/2025	4.2	1.5	--	NG/L	0.00		
1633 TPFAS	04/18/2025	230.8	--	--	NG/L	0.00		
8260 TVOC	04/18/2025	0.39	--	--	UG/L	0.00		
Chloroform	04/18/2025	0.39	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	04/18/2025	2.5	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	04/18/2025	7.2	3	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	04/18/2025	2.5	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	04/18/2025	3	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	04/18/2025	84	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	04/18/2025	14	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	04/18/2025	5.8	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	04/18/2025	4.9	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	04/18/2025	75	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/18/2025	26	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	04/18/2025	1.9	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	04/18/2025	4	1.5	--	NG/L	0.00		
1633 TPFAS	05/05/2025	236.5	--	--	NG/L	0.00		

Table 3.20-3
Former Firehouse PFAS Influent Data
'Hits Only' April through June 2025

Site ID : 076-422

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/05/2025	0.44	--	--	UG/L	0.00		
Chloroform	05/05/2025	0.44	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	05/05/2025	2.6	1.6	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/05/2025	8.1	3.1	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	05/05/2025	2.2	1.6	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/05/2025	3.5	1.6	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/05/2025	91	1.6	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/05/2025	14	1.6	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/05/2025	6.2	1.6	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/05/2025	5.5	1.6	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/05/2025	68	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/05/2025	29	1.6	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/05/2025	2	1.6	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/05/2025	4.4	1.6	--	NG/L	0.00		
1633 TPFAS	05/19/2025	229.7	--	--	NG/L	0.00		
8260 TVOC	05/19/2025	0.72	--	--	UG/L	0.00		
Chloroform	05/19/2025	0.39	0.5	--	UG/L	0.00	J	
Naphthalene	05/19/2025	0.33	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	05/19/2025	2.5	1.4	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	05/19/2025	7.2	2.9	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	05/19/2025	2	1.4	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	05/19/2025	3.6	1.4	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	05/19/2025	81	1.4	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	05/19/2025	14	1.4	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	05/19/2025	5.7	1.4	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	05/19/2025	5.5	1.4	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	05/19/2025	74	1.4	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/19/2025	28	1.4	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	05/19/2025	2.1	1.4	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	05/19/2025	4.1	1.4	--	NG/L	0.00		
1633 TPFAS	06/02/2025	241.5	--	--	NG/L	0.00		
8260 TVOC	06/02/2025	0.38	--	--	UG/L	0.00		
Chloroform	06/02/2025	0.38	0.5	--	UG/L	0.00	J	

Table 3.20-3
Former Firehouse PFAS Influent Data
'Hits Only' April through June 2025

Site ID : 076-422

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorobutanesulfonate (PFBS)	06/02/2025	2.7	1.4	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/02/2025	7.2	2.9	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	06/02/2025	2.2	1.4	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/02/2025	3.2	1.4	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/02/2025	85	1.4	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/02/2025	12	1.4	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/02/2025	6.5	1.4	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	06/02/2025	5.5	1.4	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/02/2025	83	1.4	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/02/2025	28	1.4	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/02/2025	1.8	1.4	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/02/2025	4.4	1.4	--	NG/L	0.00		
1633 TPFAS	06/16/2025	241.3	--	--	NG/L	0.00		
8260 TVOC	06/16/2025	0.38	--	--	UG/L	0.00		
Chloroform	06/16/2025	0.38	0.5	--	UG/L	0.00	J	
Perfluorobutanesulfonate (PFBS)	06/16/2025	2.7	1.5	--	NG/L	0.00		
Perfluorobutyric acid (PFBA)	06/16/2025	7.1	3	--	NG/L	0.00		
Perfluoroheptanesulfonate (PFHpS)	06/16/2025	2.6	1.5	--	NG/L	0.00		
Perfluoroheptanoic acid (PFHpA)	06/16/2025	3.5	1.5	--	NG/L	0.00		
Perfluorohexanesulfonate (PFHxS)	06/16/2025	82	1.5	--	NG/L	0.00		
Perfluorohexanoic acid (PFHxA)	06/16/2025	12	1.5	--	NG/L	0.00		
Perfluorononanoic acid (PFNA)	06/16/2025	5.7	1.5	--	NG/L	0.00		
Perfluorooctane sulfonamide (PFOSAm)	06/16/2025	5.5	1.5	--	NG/L	0.00		
Perfluorooctanesulfonate (PFOS)	06/16/2025	85	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	06/16/2025	29	1.5	--	NG/L	0.00		
Perfluoropentanesulfonate (PFPeS)	06/16/2025	1.9	1.5	--	NG/L	0.00		
Perfluoropentanoic acid (PFPeA)	06/16/2025	4.3	1.5	--	NG/L	0.00		

Table 3.20-4
Former Firehouse PFAS Effluent Data
'Hits Only' April through June 2025

Site ID : 076-424

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	8.46	--	--	NG/L	0.00		
8260 TVOC	04/09/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/09/2025	0.16	0.25	--	UG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/09/2025	0.92	3.4	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/09/2025	1.5	1.7	--	NG/L	0.00	J	
Perfluorohexanoic acid (PFHxA)	04/09/2025	4.4	1.7	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	0.75	1.7	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/09/2025	0.89	1.7	--	NG/L	0.00	J	
1633 TPFAS	04/18/2025	6.32	--	--	NG/L	0.00		
8260 TVOC	04/18/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	04/18/2025	0.12	0.26	--	UG/L	0.00	J	
Perfluorobutyric acid (PFBA)	04/18/2025	0.8	3.2	--	NG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	04/18/2025	1.4	1.6	--	NG/L	0.00	J	
Perfluorohexanoic acid (PFHxA)	04/18/2025	3	1.6	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	04/18/2025	0.49	1.6	--	NG/L	0.00	J	
Perfluoropentanoic acid (PFPeA)	04/18/2025	0.63	1.6	--	NG/L	0.00	J	
1633 TPFAS	05/05/2025	3.21	--	--	NG/L	0.00		
8260 TVOC	05/05/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	05/05/2025	0.16	0.26	--	UG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/05/2025	0.81	1.5	--	NG/L	0.00	J	
Perfluorohexanoic acid (PFHxA)	05/05/2025	1.9	1.5	--	NG/L	0.00		
Perfluorooctanoic acid (PFOA)	05/05/2025	0.5	1.5	--	NG/L	0.00	J	
1633 TPFAS	05/19/2025	2.49	--	--	NG/L	0.00		
8260 TVOC	05/19/2025	0.39	--	--	UG/L	0.00		
1,4-Dioxane	05/19/2025	0.24	0.24	--	UG/L	0.00	U	
Methyl chloride	05/19/2025	0.2	0.5	--	UG/L	0.00	J	
Naphthalene	05/19/2025	0.19	0.5	--	UG/L	0.00	J	
Perfluorohexanesulfonate (PFHxS)	05/19/2025	0.79	1.5	--	NG/L	0.00	J	
Perfluorohexanoic acid (PFHxA)	05/19/2025	1.2	1.5	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	05/19/2025	0.5	1.5	--	NG/L	0.00	J	
1633 TPFAS	06/02/2025	2.15	--	--	NG/L	0.00		
8260 TVOC	06/02/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	06/02/2025	0.25	0.25	--	UG/L	0.00	U	

Table 3.20-4
Former Firehouse PFAS Effluent Data
'Hits Only' April through June 2025

Site ID : 076-424

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorohexanesulfonate (PFHxS)	06/02/2025	0.72	1.5	--	NG/L	0.00	J	
Perfluorohexanoic acid (PFHxA)	06/02/2025	0.95	1.5	--	NG/L	0.00	J	
Perfluorooctanoic acid (PFOA)	06/02/2025	0.48	1.5	--	NG/L	0.00	J	
1633 TPFAS	06/16/2025	1	--	--	NG/L	0.00		
8260 TVOC	06/16/2025	0	--	--	UG/L	0.00		
1,4-Dioxane	06/16/2025	0.29	0.29	--	UG/L	0.00	U	
Perfluorohexanoic acid (PFHxA)	06/16/2025	1	1.7	--	NG/L	0.00	J	

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-268

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/20/2025	2.92	--	--	UG/L	215.50		
1,1,1-Trichloroethane	05/20/2025	0.27	0.5	--	UG/L	215.50	J	
1,2-Dichloroethane	05/20/2025	0.17	0.5	--	UG/L	215.50	J	
Carbon tetrachloride	05/20/2025	0.18	0.5	--	UG/L	215.50	J	
Chloroform	05/20/2025	0.56	0.5	--	UG/L	215.50		
cis-1,2-Dichloroethylene	05/20/2025	0.28	0.5	--	UG/L	215.50	J	
Tetrachloroethylene	05/20/2025	0.74	0.5	--	UG/L	215.50		
Trichloroethylene	05/20/2025	0.72	0.5	--	UG/L	215.50		

Site ID : 000-528

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/19/2025	1.28	--	--	UG/L	220.00		
Chloroform	05/19/2025	0.3	0.5	--	UG/L	220.00	J	
Tetrachloroethylene	05/19/2025	0.98	0.5	--	UG/L	220.00		

Site ID : 000-529

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/19/2025	7.29	--	--	UG/L	215.00		
1,1,1-Trichloroethane	05/19/2025	1.6	0.5	--	UG/L	215.00		
1,1-Dichloroethylene	05/19/2025	0.77	0.5	--	UG/L	215.00		
Carbon tetrachloride	05/19/2025	0.43	0.5	--	UG/L	215.00	J	
Chloroform	05/19/2025	0.29	0.5	--	UG/L	215.00	J	
Tetrachloroethylene	05/19/2025	3.2	0.5	--	UG/L	215.00		
Trichloroethylene	05/19/2025	1	0.5	--	UG/L	215.00		

Site ID : 000-537

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	37.86	--	--	UG/L	245.00		
1,1,1-Trichloroethane	04/03/2025	4.2	0.5	--	UG/L	245.00		
1,1-Dichloroethylene	04/03/2025	1.4	0.5	--	UG/L	245.00		
Carbon tetrachloride	04/03/2025	0.88	0.5	--	UG/L	245.00		
Chloroform	04/03/2025	0.5	0.5	--	UG/L	245.00		
cis-1,2-Dichloroethylene	04/03/2025	0.38	0.5	--	UG/L	245.00	J	
Tetrachloroethylene	04/03/2025	25	0.5	--	UG/L	245.00		
Trichloroethylene	04/03/2025	5.5	0.5	--	UG/L	245.00		

Site ID : 000-538

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/03/2025	16.75	--	--	UG/L	215.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 000-538

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1,1-Trichloroethane	04/03/2025	2.8	0.5	--	UG/L	215.00		
1,1-Dichloroethylene	04/03/2025	1.2	0.5	--	UG/L	215.00		
Carbon tetrachloride	04/03/2025	0.66	0.5	--	UG/L	215.00		
Chloroform	04/03/2025	0.52	0.5	--	UG/L	215.00		
cis-1,2-Dichloroethylene	04/03/2025	0.37	0.5	--	UG/L	215.00	J	
Dichlorodifluoromethane	04/03/2025	0.2	0.5	--	UG/L	215.00	J	
Tetrachloroethylene	04/03/2025	6.5	0.5	--	UG/L	215.00		
Trichloroethylene	04/03/2025	4.5	0.5	--	UG/L	215.00		

Site ID : 000-548

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/12/2025	16.01	--	--	UG/L	235.00		
1,1,1-Trichloroethane	05/12/2025	4.8	0.5	--	UG/L	235.00		
1,1-Dichloroethylene	05/12/2025	2.1	0.5	--	UG/L	235.00		
Carbon tetrachloride	05/12/2025	1.9	0.5	--	UG/L	235.00		
Chloroform	05/12/2025	0.37	0.5	--	UG/L	235.00	J	
cis-1,2-Dichloroethylene	05/12/2025	0.21	0.5	--	UG/L	235.00	J	
Tetrachloroethylene	05/12/2025	0.73	0.5	--	UG/L	235.00		
Trichloroethylene	05/12/2025	5.9	0.5	--	UG/L	235.00		

Site ID : 075-809

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	3266.2	--	--	NG/L	35.00		
Perfluorobutyric acid (PFBA)	04/04/2025	15	40	--	NG/L	35.00	J DE	
Perfluoroheptanesulfonate (PFHpS)	04/04/2025	37	20	--	NG/L	35.00	DE	
Perfluoroheptanoic acid (PFHpA)	04/04/2025	5.2	20	--	NG/L	35.00	J DE	
Perfluorohexanesulfonate (PFHxS)	04/04/2025	130	20	--	NG/L	35.00	DE	
Perfluorohexanoic acid (PFHxA)	04/04/2025	34	20	--	NG/L	35.00	DE	
Perfluorooctanesulfonate (PFOS)	04/04/2025	3000	20	--	NG/L	35.00	DE	
Perfluorooctanoic acid (PFOA)	04/04/2025	29	20	--	NG/L	35.00	DE	
Perfluoropentanoic acid (PFPeA)	04/04/2025	16	20	--	NG/L	35.00	J DE	

Site ID : 075-810

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	5615	--	--	NG/L	36.00		
Perfluorobutanesulfonate (PFBS)	04/04/2025	14	20	--	NG/L	36.00	J DE	

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 075-810

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorobutyric acid (PFBA)	04/04/2025	21	40	--	NG/L	36.00	J DE	
Perfluoroheptanesulfonate (PFHpS)	04/04/2025	29	20	--	NG/L	36.00	DE	
Perfluoroheptanoic acid (PFHpA)	04/04/2025	26	20	--	NG/L	36.00	DE	
Perfluorohexanesulfonate (PFHxS)	04/04/2025	3600	20	--	NG/L	36.00	DE	
Perfluorohexanoic acid (PFHxA)	04/04/2025	120	20	--	NG/L	36.00	DE	
Perfluorooctanesulfonate (PFOS)	04/04/2025	1300	20	--	NG/L	36.00	DE	
Perfluorooctanoic acid (PFOA)	04/04/2025	430	20	--	NG/L	36.00	DE	
Perfluoropentanesulfonate (PFPeS)	04/04/2025	51	20	--	NG/L	36.00	DE	
Perfluoropentanoic acid (PFPeA)	04/04/2025	24	20	--	NG/L	36.00	DE	

Site ID : 075-811

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/04/2025	1672.3	--	--	NG/L	36.00		
Perfluoroheptanesulfonate (PFHpS)	04/04/2025	9.9	10	--	NG/L	36.00	J DE	
Perfluoroheptanoic acid (PFHpA)	04/04/2025	11	10	--	NG/L	36.00	DE	
Perfluorohexanesulfonate (PFHxS)	04/04/2025	260	10	--	NG/L	36.00	DE	
Perfluorohexanoic acid (PFHxA)	04/04/2025	29	10	--	NG/L	36.00	DE	
Perfluorononanoic acid (PFNA)	04/04/2025	4.5	10	--	NG/L	36.00	J DE	
Perfluorooctane sulfonamide (PFOSAm)	04/04/2025	42	10	--	NG/L	36.00	DE	
Perfluorooctanesulfonate (PFOS)	04/04/2025	1200	10	--	NG/L	36.00	DE	
Perfluorooctanoic acid (PFOA)	04/04/2025	110	10	--	NG/L	36.00	DE	
Perfluoropentanoic acid (PFPeA)	04/04/2025	5.9	10	--	NG/L	36.00	J DE	

Site ID : 085-350

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	05/21/2025	1.4	--	--	UG/L	34.50		
Tetrachloroethylene	05/21/2025	1.4	0.5	--	UG/L	34.50		

Site ID : 085-404

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	91.41	--	--	NG/L	33.00		
Perfluorobutanesulfonate (PFBS)	04/09/2025	2.7	1.4	--	NG/L	33.00		
Perfluorobutyric acid (PFBA)	04/09/2025	8.1	2.9	--	NG/L	33.00		
Perfluoroheptanesulfonate (PFHpS)	04/09/2025	0.81	1.4	--	NG/L	33.00	J	
Perfluoroheptanoic acid (PFHpA)	04/09/2025	4.2	1.4	--	NG/L	33.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	27	1.4	--	NG/L	33.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 085-404

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorohexanoic acid (PFHxA)	04/09/2025	3.9	1.4	--	NG/L	33.00		
Perfluorononanoic acid (PFNA)	04/09/2025	1.1	1.4	--	NG/L	33.00	J	
Perfluorooctanesulfonate (PFOS)	04/09/2025	15	1.4	--	NG/L	33.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	26	1.4	--	NG/L	33.00		
Perfluoropentanoic acid (PFPeA)	04/09/2025	2.6	1.4	--	NG/L	33.00		

Site ID : 085-405

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/09/2025	35.8	--	--	NG/L	55.00		
Perfluorobutanesulfonate (PFBS)	04/09/2025	1.1	1.5	--	NG/L	55.00	J	
Perfluorobutyric acid (PFBA)	04/09/2025	13	3	--	NG/L	55.00		
Perfluoroheptanoic acid (PFHpA)	04/09/2025	1.8	1.5	--	NG/L	55.00		
Perfluorohexanesulfonate (PFHxS)	04/09/2025	4.2	1.5	--	NG/L	55.00		
Perfluorohexanoic acid (PFHxA)	04/09/2025	3.7	1.5	--	NG/L	55.00		
Perfluorooctanesulfonate (PFOS)	04/09/2025	4.6	1.5	--	NG/L	55.00		
Perfluorooctanoic acid (PFOA)	04/09/2025	4.5	1.5	--	NG/L	55.00		
Perfluoropentanoic acid (PFPeA)	04/09/2025	2.9	1.5	--	NG/L	55.00		

Site ID : 085-406

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	93.2	--	--	NG/L	33.00		
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/08/2025	2.2	7.8	--	NG/L	33.00	J	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/08/2025	3.5	7.8	--	NG/L	33.00	J	
Perfluorobutanesulfonate (PFBS)	04/08/2025	1.5	1.6	--	NG/L	33.00	J	
Perfluorobutyric acid (PFBA)	04/08/2025	11	3.1	--	NG/L	33.00		
Perfluoroheptanesulfonate (PFHpS)	04/08/2025	1.5	1.6	--	NG/L	33.00	J	
Perfluoroheptanoic acid (PFHpA)	04/08/2025	2.6	1.6	--	NG/L	33.00		
Perfluorohexanesulfonate (PFHxS)	04/08/2025	15	1.6	--	NG/L	33.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	3.4	1.6	--	NG/L	33.00		
Perfluorononanoic acid (PFNA)	04/08/2025	11	1.6	--	NG/L	33.00		
Perfluorooctanesulfonate (PFOS)	04/08/2025	30	1.6	--	NG/L	33.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	8.5	1.6	--	NG/L	33.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	3	1.6	--	NG/L	33.00		

Site ID : 085-407

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	68.39	--	--	NG/L	55.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
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Site ID : 085-407

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorobutanesulfonate (PFBS)	04/08/2025	1.6	1.7	--	NG/L	55.00	J	
Perfluorobutyric acid (PFBA)	04/08/2025	5.9	3.3	--	NG/L	55.00		
Perfluoroheptanoic acid (PFHpA)	04/08/2025	1.8	1.7	--	NG/L	55.00		
Perfluorohexanesulfonate (PFHxS)	04/08/2025	19	1.7	--	NG/L	55.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	5.7	1.7	--	NG/L	55.00		
Perfluorononanoic acid (PFNA)	04/08/2025	0.89	1.7	--	NG/L	55.00	J	
Perfluorooctane sulfonamide (PFOSAm)	04/08/2025	10	1.7	--	NG/L	55.00		
Perfluorooctanesulfonate (PFOS)	04/08/2025	14	1.7	--	NG/L	55.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	7.3	1.7	--	NG/L	55.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	2.2	1.7	--	NG/L	55.00		

Site ID : 085-408

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	36.08	--	--	NG/L	65.00		
Perfluorobutanesulfonate (PFBS)	04/08/2025	1.1	1.8	--	NG/L	65.00	J	
Perfluorobutyric acid (PFBA)	04/08/2025	5.4	3.6	--	NG/L	65.00		
Perfluoroheptanoic acid (PFHpA)	04/08/2025	1.7	1.8	--	NG/L	65.00	J	
Perfluorohexanesulfonate (PFHxS)	04/08/2025	5.9	1.8	--	NG/L	65.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	3.3	1.8	--	NG/L	65.00		
Perfluorononanoic acid (PFNA)	04/08/2025	0.88	1.8	--	NG/L	65.00	J	
Perfluorooctane sulfonamide (PFOSAm)	04/08/2025	1.9	1.8	--	NG/L	65.00		
Perfluorooctanesulfonate (PFOS)	04/08/2025	6.6	1.8	--	NG/L	65.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	7.4	1.8	--	NG/L	65.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	1.9	1.8	--	NG/L	65.00		

Site ID : 085-409

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	34.85	--	--	NG/L	34.00		
Perfluorobutanesulfonate (PFBS)	04/08/2025	1.6	1.5	--	NG/L	34.00		
Perfluorobutyric acid (PFBA)	04/08/2025	5.1	3.1	--	NG/L	34.00		
Perfluoroheptanoic acid (PFHpA)	04/08/2025	3	1.5	--	NG/L	34.00		
Perfluorohexanesulfonate (PFHxS)	04/08/2025	5.1	1.5	--	NG/L	34.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	1.9	1.5	--	NG/L	34.00		
Perfluorononanoic acid (PFNA)	04/08/2025	0.63	1.5	--	NG/L	34.00	J	
Perfluorooctanesulfonate (PFOS)	04/08/2025	4.7	1.5	--	NG/L	34.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
'Hits Only' April through June 2025

Site ID : 085-409

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Perfluorooctanoic acid (PFOA)	04/08/2025	12	1.5	--	NG/L	34.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	0.82	1.5	--	NG/L	34.00	J	

Site ID : 085-410

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1633 TPFAS	04/08/2025	285.58	--	--	NG/L	55.00		
N-Ethylperfluorooctane sulfonamido acetic acid (NEtFOSAA)	04/08/2025	0.98	1.4	--	NG/L	55.00	J	
N-Ethylperfluorooctane sulfonamido ethanol (NEtFOSE)	04/08/2025	3.9	7	--	NG/L	55.00	J	
N-Methylperfluorooctane sulfonamido ethanol (NMeFOSE)	04/08/2025	6.2	7	--	NG/L	55.00	J	
Perfluorobutanesulfonate (PFBS)	04/08/2025	2.9	1.4	--	NG/L	55.00		
Perfluorobutyric acid (PFBA)	04/08/2025	6.5	2.8	--	NG/L	55.00		
Perfluoroheptanesulfonate (PFHpS)	04/08/2025	6.5	1.4	--	NG/L	55.00		
Perfluoroheptanoic acid (PFHpA)	04/08/2025	2.6	1.4	--	NG/L	55.00		
Perfluorohexanesulfonate (PFHxS)	04/08/2025	80	1.4	--	NG/L	55.00		
Perfluorohexanoic acid (PFHxA)	04/08/2025	13	1.4	--	NG/L	55.00		
Perfluorononanoic acid (PFNA)	04/08/2025	1	1.4	--	NG/L	55.00	J	
Perfluorooctane sulfonamide (PFOSAm)	04/08/2025	1.3	1.4	--	NG/L	55.00	J	
Perfluorooctanesulfonate (PFOS)	04/08/2025	140	1.4	--	NG/L	55.00		
Perfluorooctanoic acid (PFOA)	04/08/2025	13	1.4	--	NG/L	55.00		
Perfluoropentanesulfonate (PFPeS)	04/08/2025	4.3	1.4	--	NG/L	55.00		
Perfluoropentanoic acid (PFPeA)	04/08/2025	3.4	1.4	--	NG/L	55.00		

Site ID : 105-44

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/18/2025	1.58	--	--	UG/L	152.50		
Tetrachloroethylene	04/18/2025	1.58	0.5	--	UG/L	152.50		

Site ID : 105-66

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	102.52	--	--	UG/L	184.00		
Carbon tetrachloride	04/10/2025	3.14	0.5	--	UG/L	184.00	D	
Tetrachloroethylene	04/10/2025	96.6	0.5	--	UG/L	184.00	D	
Trichloroethylene	04/10/2025	2.78	0.5	--	UG/L	184.00	D	

Site ID : 105-67

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	49.91	--	--	UG/L	90.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
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Site ID : 105-67

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
1,1,1-Trichloroethane	04/11/2025	1.71	0.5	--	UG/L	90.00		
1,1,2,2-Tetrachloroethane	04/11/2025	0.48	0.5	--	UG/L	90.00	J	
1,1-Dichloroethylene	04/11/2025	1.01	0.5	--	UG/L	90.00		
Chloroform	04/11/2025	0.44	0.5	--	UG/L	90.00	J	
Methyl tert-butyl ether	04/11/2025	0.38	0.5	--	UG/L	90.00	J	
Tetrachloroethylene	04/11/2025	44.6	0.5	--	UG/L	90.00		
Trichloroethylene	04/11/2025	1.29	0.5	--	UG/L	90.00		

Site ID : 105-68

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/17/2025	106.43	--	--	UG/L	205.00		
1,1,1-Trichloroethane	04/17/2025	0.42	0.5	--	UG/L	205.00	J	
1,1,2,2-Tetrachloroethane	04/17/2025	1.38	0.5	--	UG/L	205.00		
1,1-Dichloroethylene	04/17/2025	0.56	0.5	--	UG/L	205.00	J	
Carbon tetrachloride	04/17/2025	3.02	0.5	--	UG/L	205.00		
Chloroform	04/17/2025	1	0.5	--	UG/L	205.00		
Tetrachloroethylene	04/17/2025	93	0.5	--	UG/L	205.00	D	
Trichloroethylene	04/17/2025	7.05	0.5	--	UG/L	205.00		

Site ID : 106-58

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	1.38	--	--	UG/L	205.00		
Chloroform	04/16/2025	0.65	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	04/16/2025	0.73	0.5	--	UG/L	205.00	J	

Site ID : 113-17

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/16/2025	17.48	--	--	UG/L	177.00		
Tetrachloroethylene	04/16/2025	16.9	0.5	--	UG/L	177.00		
Trichloroethylene	04/16/2025	0.58	0.5	--	UG/L	177.00	J	

Site ID : 113-19

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	16.89	--	--	UG/L	230.00		
1,1,1-Trichloroethane	04/10/2025	5.12	0.5	--	UG/L	230.00		
1,1-Dichloroethane	04/10/2025	1.06	0.5	--	UG/L	230.00		
1,1-Dichloroethylene	04/10/2025	2.78	0.5	--	UG/L	230.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
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Site ID : 113-19

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Carbon tetrachloride	04/10/2025	3.68	0.5	--	UG/L	230.00		
Chloroform	04/10/2025	0.61	0.5	--	UG/L	230.00	J	
Trichloroethylene	04/10/2025	3.64	0.5	--	UG/L	230.00		

Site ID : 113-30

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/14/2025	2.49	--	--	UG/L	190.00		
Tetrachloroethylene	04/14/2025	2.49	0.5	--	UG/L	190.00		

Site ID : 121-10

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/23/2025	0.4	--	--	UG/L	165.00		
Tetrachloroethylene	04/23/2025	0.4	0.5	--	UG/L	165.00	J	

Site ID : 121-11

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/22/2025	14.38	--	--	UG/L	205.00		
Carbon tetrachloride	04/22/2025	1.64	0.5	--	UG/L	205.00		
Chloroform	04/22/2025	0.39	0.5	--	UG/L	205.00	J	
Tetrachloroethylene	04/22/2025	11.7	0.5	--	UG/L	205.00		
Trichloroethylene	04/22/2025	0.65	0.5	--	UG/L	205.00	J	

Site ID : 121-45

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/11/2025	3.11	--	--	UG/L	199.50		
Chloroform	04/11/2025	0.43	0.5	--	UG/L	199.50	J	
Tetrachloroethylene	04/11/2025	2.68	0.5	--	UG/L	199.50		

Site ID : 121-49

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/23/2025	70.57	--	--	UG/L	215.00		
Carbon tetrachloride	04/23/2025	1.57	0.5	--	UG/L	215.00		
Chloroform	04/23/2025	0.37	0.5	--	UG/L	215.00	J	
Tetrachloroethylene	04/23/2025	67.8	0.5	--	UG/L	215.00		
Trichloroethylene	04/23/2025	0.83	0.5	--	UG/L	215.00	J	

Site ID : 121-54

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/10/2025	40.74	--	--	UG/L	220.00		

Table 3.20-6
Former Firehouse PFAS Monitoring Well Data
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Site ID : 121-54

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
Carbon tetrachloride	04/10/2025	3.93	0.5	--	UG/L	220.00		
Chloroform	04/10/2025	0.49	0.5	--	UG/L	220.00	J	
Tetrachloroethylene	04/10/2025	35.7	0.5	--	UG/L	220.00		
Trichloroethylene	04/10/2025	0.62	0.5	--	UG/L	220.00	J	

Site ID : 122-05

Chemical	Sample Date	Value	Det. Limit	Error	Units	Depth	Lab Qual	Review Qual
8260 TVOC	04/24/2025	3.67	--	--	UG/L	271.50		
Carbon tetrachloride	04/24/2025	0.52	0.52	--	UG/L	271.50	J	
Chloroform	04/24/2025	0.54	0.54	--	UG/L	271.50	J	
Tetrachloroethylene	04/24/2025	1.65	1.65	--	UG/L	271.50		
Trichloroethylene	04/24/2025	0.96	0.96	--	UG/L	271.50	J	

Qualifiers :
D = Compound was identified in an analysis at a secondary dilution factor.
E = Identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
H = Qualified due to holding time violation.
J = Estimated value.
U = Compound not detected.
UJ (RAD) = The reported concentration value is less than or equal to the sum of the MDC and the uncertainty, analyte not detected at an estimated MDC.

Organic Compounds :
B = Compound was found in both the sample And associated laboratory blank.

Inorganic Compounds :
B = Result Is between instrument detection limit And contract required reporting limit.