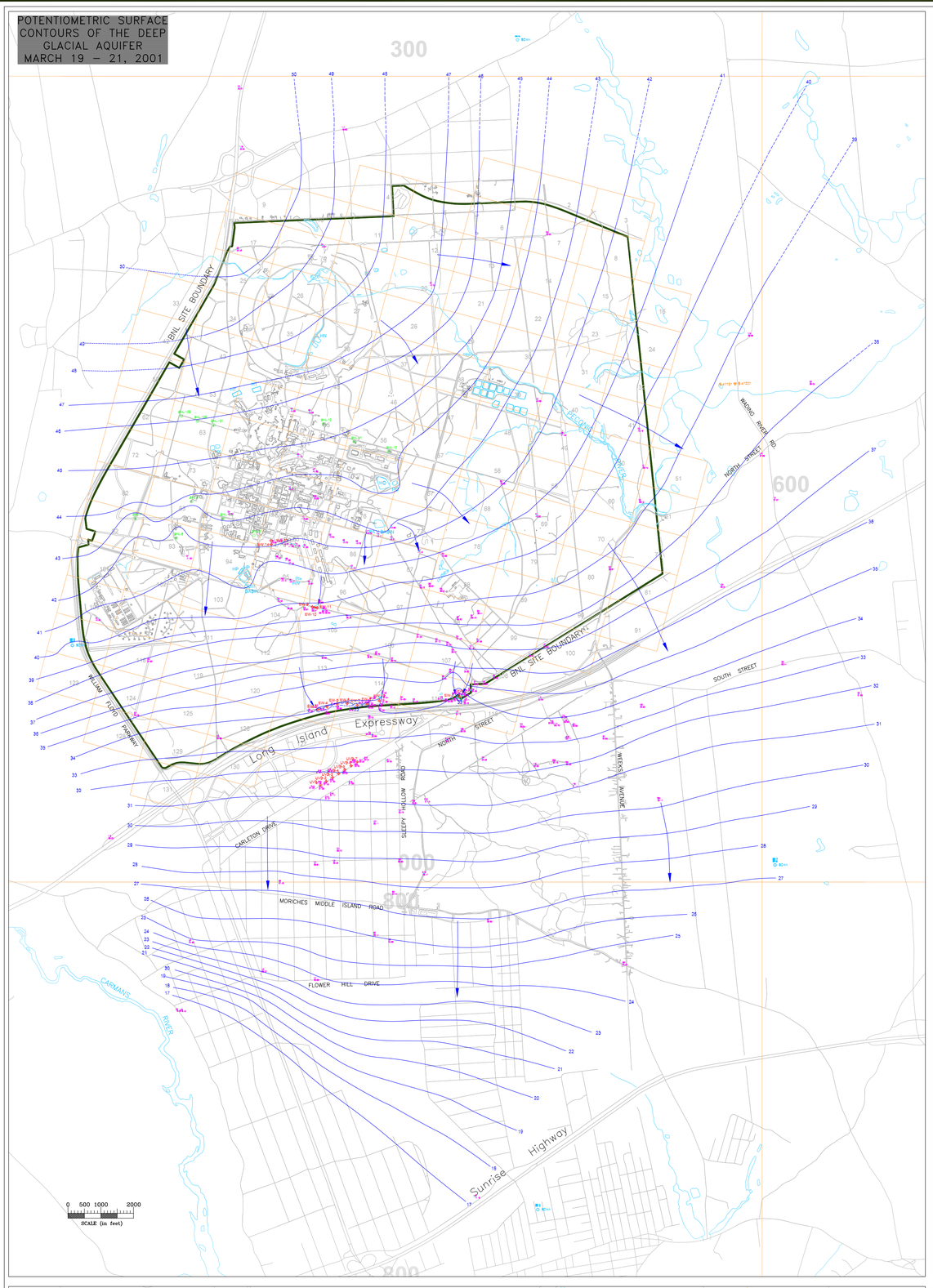

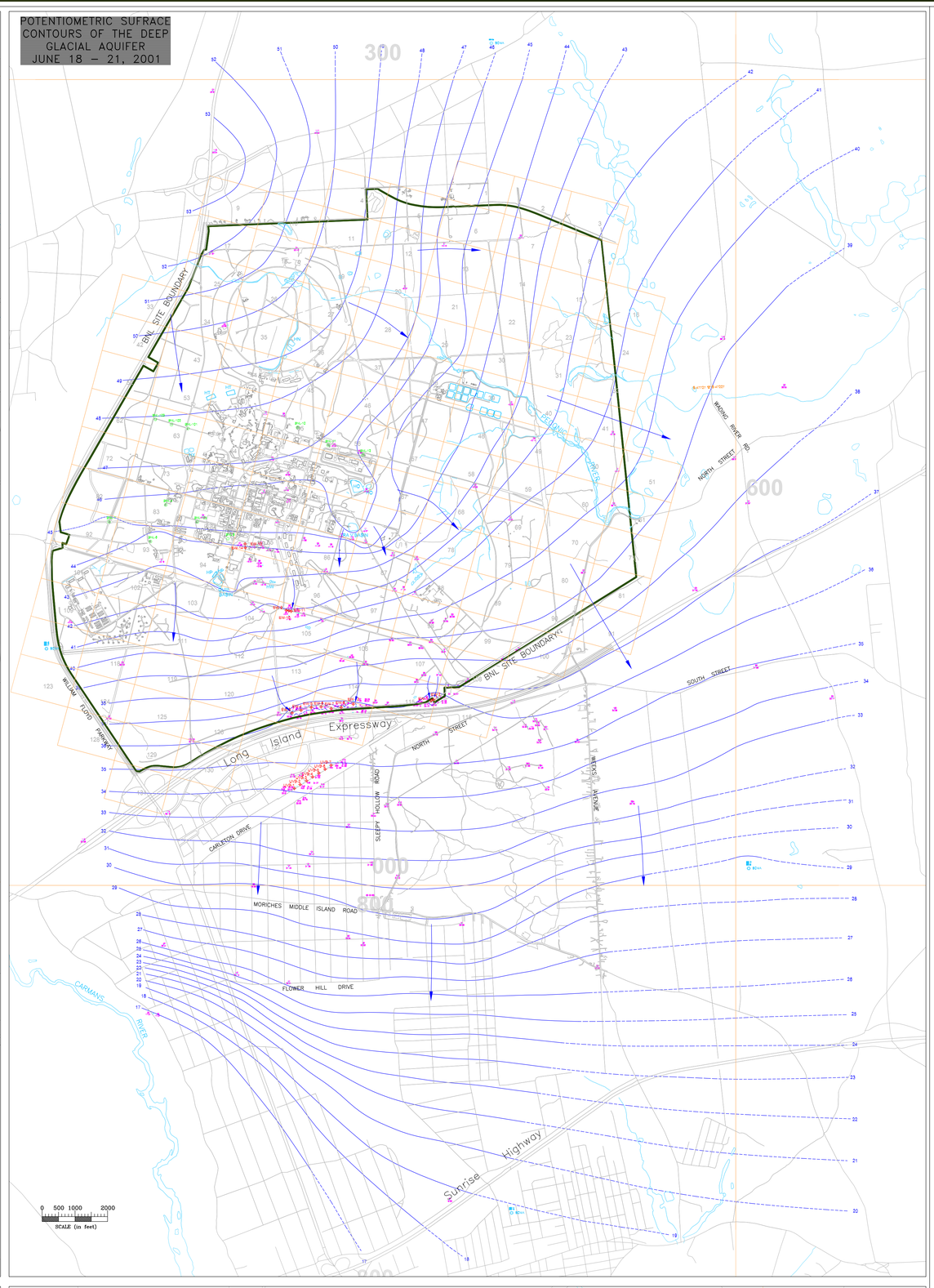

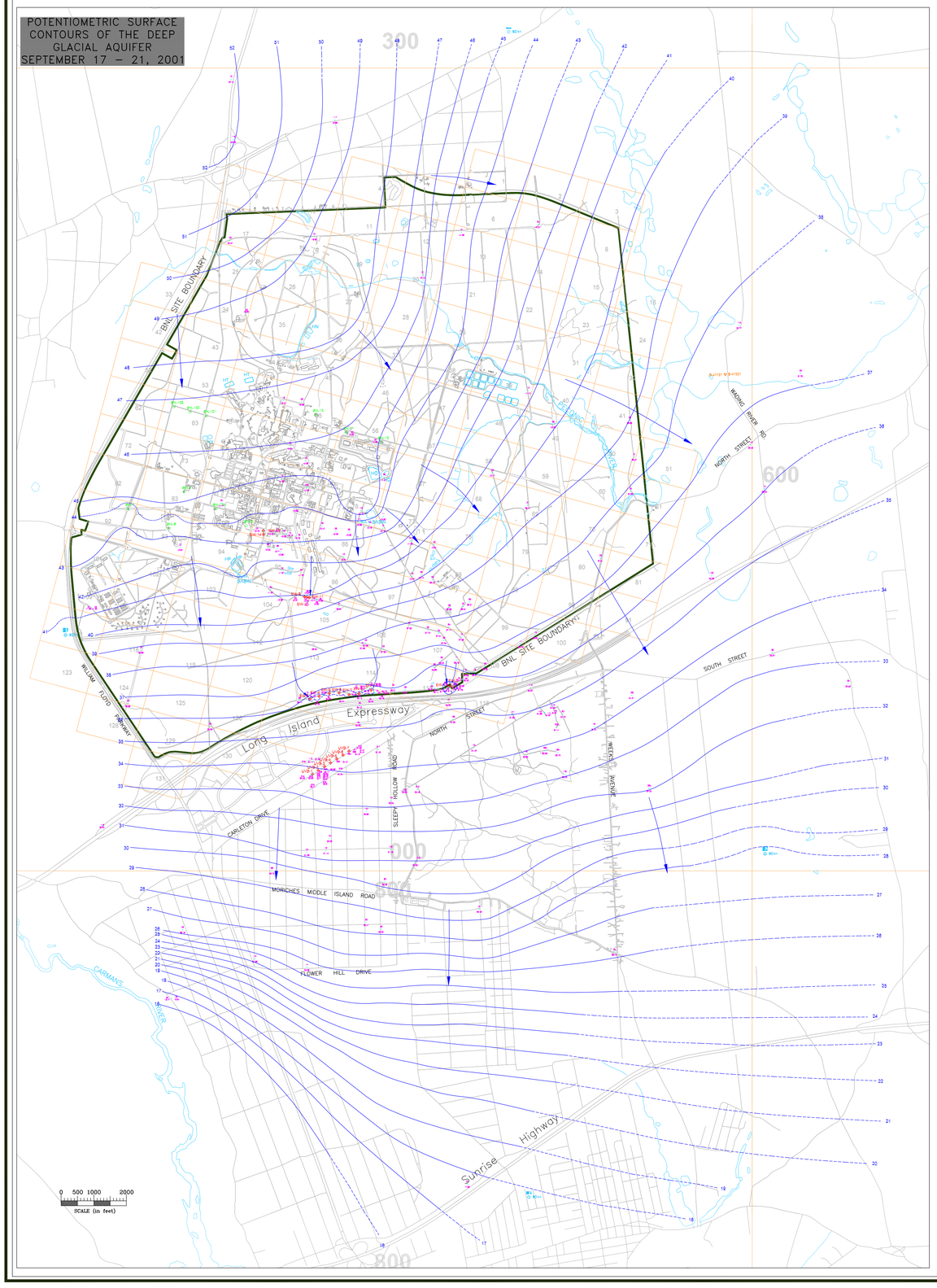

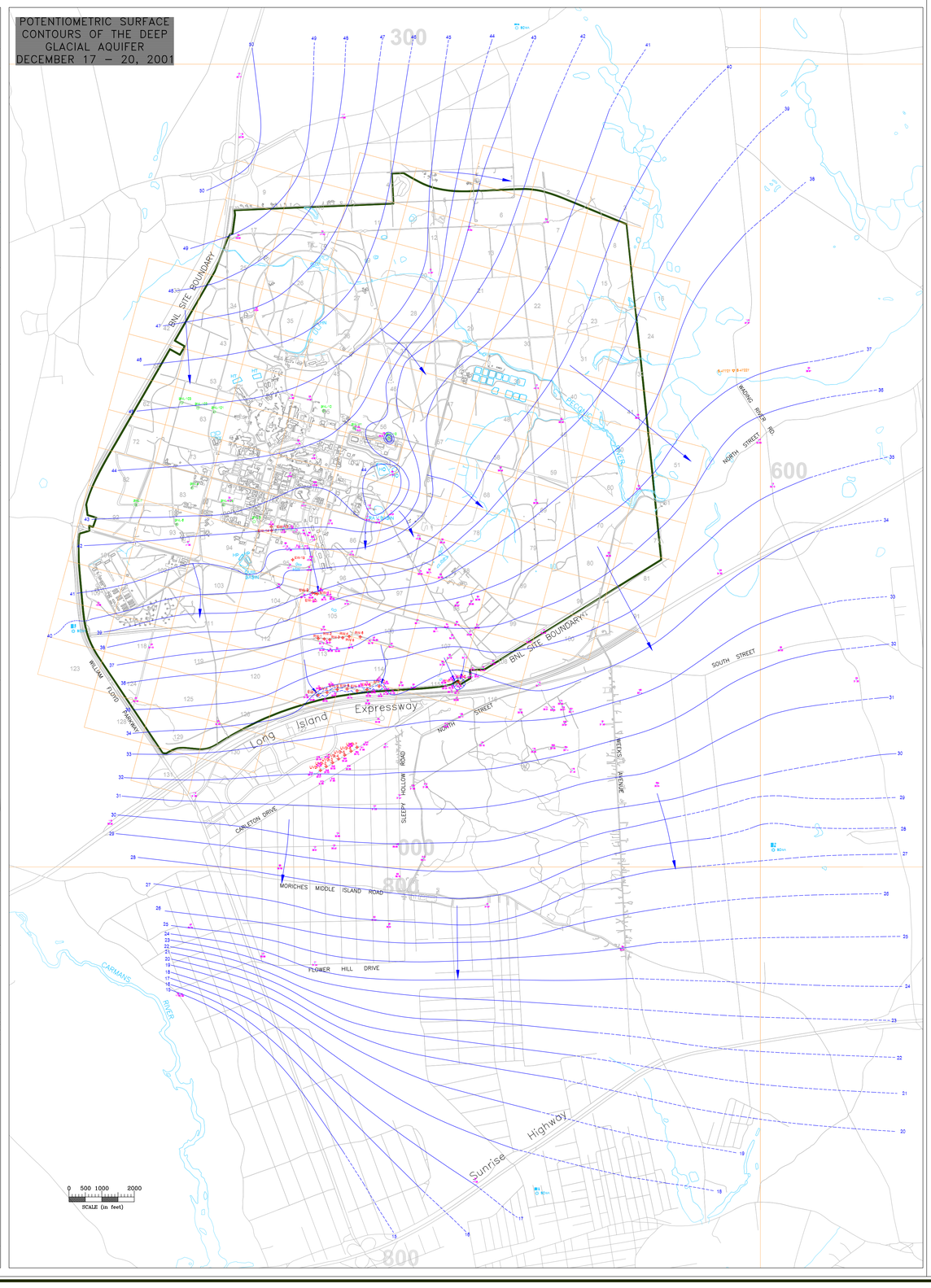

BROOKHAVEN NATIONAL LABORATORY

ENVIRONMENTAL SERVICES DIVISION

2001 BNL GROUNDWATER STATUS REPORT

FIGURE: 2–3

POTENTIOMETRIC SURFACE CONTOURS OF THE DEEP GLACIAL ZONE MARCH, JUNE, SEPTEMBER AND DECEMBER 2001

LEGEND

- BNL MONITORING WELL / PIEZOMETER
- POTENTIOMETRIC SURFACE ELEVATION, IN FEET ABOVE MEAN SEA LEVEL
- 37 POTENTIOMETRIC SURFACE CONTOUR ELEVATION, IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
- 32 BNL GRID NUMBER
- BNL REMEDIATION WELL
- BNL SUPPLY / PROCESS WELL
- U.S.G.S. MONITORING WELL / PIEZOMETER
- S.C.W.A. SUPPLY WELL

BNL WATER USAGE SUMARY MARCH 2001 (CFD)	
POTABLE SUPPLY WELL PUMPAGE	
WESTERN WELL FIELD	
BNL-4	17,412.99
BNL-6	67,258.65
BNL-7	131,041.61
EASTERN WELL FIELD	
BNL-10	0.00
BNL-11	19,306.08
BNL-12	40,371.58
PROCESS WELL PUMPAGE	
BNL-9	208.28
BNL-101	0.00
BNL-102	0.00
BNL-103	0.00
BNL-105	550.46
REMEDIATION SYSTEM PUMPAGE	
OU I SOUTH BOUNDARY	
EW-1	34,692.30
EW-2	69,384.61
OU III SOUTH BOUNDARY	
EW-3	19,348.91
EW-4	19,199.74
EW-5	12,817.44
EW-6	19,582.89
EW-7	19,121.82
EW-8	18,798.44
EW-12	16,863.09
OU III PUMP AND RECHARGE	
EW-9	0.00
EW-10	0.00
EW-11	0.00
OU III CARBON TET	
EW-13	2,971.16
EW-14	9,750.07

BNL WATER USAGE SUMARY JUNE 2001 (CFD)	
POTABLE SUPPLY WELL PUMPAGE	
WESTERN WELL FIELD	
BNL-4	0.00
BNL-6	99,422.81
BNL-7	148,675.25
EASTERN WELL FIELD	
BNL-10	249.54
BNL-11	6,425.59
BNL-12	78,822.61
PROCESS WELL PUMPAGE	
BNL-9	141.84
BNL-101	0.00
BNL-102	0.00
BNL-103	0.00
BNL-105	167.50
REMEDIATION SYSTEM PUMPAGE	
OU I SOUTH BOUNDARY	
EW-1	41,053.35
EW-2	82,111.16
OU III SOUTH BOUNDARY	
EW-3	18,609.25
EW-4	18,359.76
EW-5	17,641.18
EW-6	18,971.70
EW-7	17,902.52
EW-8	16,911.46
EW-12	18,405.70
OU III PUMP AND RECHARGE	
EW-9	0.00
EW-10	0.00
EW-11	0.00
OU III CARBON TET	
EW-13	5,333.86
EW-14	9,562.63

BNL WATER USAGE SUMARY SEPTEMBER 2001 (CFD)	
POTABLE SUPPLY WELL PUMPAGE	
WESTERN WELL FIELD	
BNL-4	0.00
BNL-6	76,144.54
BNL-7	171,851.03
EASTERN WELL FIELD	
BNL-10	0.00
BNL-11	7,245.50
BNL-12	39,538.30
PROCESS WELL PUMPAGE	
BNL-9	98.43
BNL-101	0.00
BNL-102	0.00
BNL-103	0.00
BNL-105	0.00
REMEDIATION SYSTEM PUMPAGE	
OU I SOUTH BOUNDARY	
EW-1	55,170.04
EW-2	110,340.07
OU III SOUTH BOUNDARY	
EW-3	20,221.44
EW-4	20,396.78
EW-5	17,532.18
EW-6	21,039.61
EW-7	19,797.14
EW-8	18,553.41
EW-12	13,944.37
OU III PUMP AND RECHARGE	
EW-9	0.00
EW-10	0.00
EW-11	0.00
OU III CARBON TET	
EW-13	5,249.20
EW-14	10,213.21

BNL WATER USAGE SUMARY DECEMBER 2001 (CFD)	
POTABLE SUPPLY WELL PUMPAGE	
WESTERN WELL FIELD	
BNL-4	0.00
BNL-6	0.00
BNL-7	0.00
EASTERN WELL FIELD	
BNL-10	17.25
BNL-11	45,585.13
BNL-12	192,685.67
PROCESS WELL PUMPAGE	
BNL-9	70.38
BNL-101	0.00
BNL-102	0.00
BNL-103	0.00
BNL-105	0.00
REMEDIATION SYSTEM PUMPAGE	
OU I SOUTH BOUNDARY	
EW-1	54,748.73
EW-2	109,497.45
OU III SOUTH BOUNDARY	
EW-3	20,308.60
EW-4	19,526.27
EW-5	19,458.26
EW-6	19,886.56
EW-7	18,980.03
EW-8	4,722.51
EW-12	24,062.53
OU III PUMP AND RECHARGE	
EW-9	0.00
EW-10	0.00
EW-11	0.00
OU III CARBON TET	
EW-13	5,006.56
EW-14	5,985.45
EW-15	3,359.27
OU III MIDDLE ROAD	
RW-1	15,684.07
RW-2	19,600.96
RW-3	25,521.55
RW-4	26,311.69
RW-5	22,739.78
RW-6	11,190.67

Date: June 13, 2002