



Consolidated Edison Company
of New York
31-01 20th Avenue
Long Island City, NY 11105-2048
www.conEd.com

March 24, 2016

Mr. Dennis Pokrzywka
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233

**Subject: December 2015 Groundwater Monitoring Report
White Plains Former Manufactured Gas Plant Site
White Plains, New York
NYSDEC Site #V00438-3**

Dear Mr. Pokrzywka:

This Groundwater Monitoring Report (GMR) summarizes the December 2015 semi-annual groundwater sampling activities, performed in support of the New York State Department of Environmental Conservation (NYSDEC) approved March 2011 Site Management Plan (SMP) for the White Plains Former Manufactured Gas Plant (MGP) Site Operable Unit Nos. 1 and 2 located in White Plains, New York (the Site). A Site Location Map is included as Figure 1 and a Monitoring Well Location Map is included as Figure 2.

This GMR documents the semi-annual groundwater sampling activities performed from December 1 through 4, 2015. Descriptions of groundwater sampling activities and discussions of sampling results are provided below.

SEMI-ANNUAL GROUNDWATER SAMPLING

Groundwater sampling was conducted in accordance with the January 19, 2010 *USEPA Region 1 Low Stress (Low Flow) Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells*. Groundwater samples were collected from nineteen (19) monitoring wells (MW-6 through MW-10, MW-11A, MW-11B, MW-11C, MW-12A, MW-12B, MW-13 through MW-20, and MW-101). A groundwater sample was not collected from monitoring well MW-12C due to the presence of dense non-aqueous phase liquid (DNAPL) during gauging.

Prior to sampling, each well was purged utilizing low-flow purging and sampling techniques in accordance with the aforementioned USEPA protocol. Purging continued until stabilization of water quality parameters (including temperature, conductivity, pH, dissolved oxygen, oxidation-reduction potential, and turbidity) was achieved to allow for the collection of a representative groundwater sample. Water quality parameters were recorded approximately every five minutes and immediately prior to sample collection. After the water quality parameters stabilized, groundwater samples were collected utilizing a decontaminated monsoon pump and dedicated tubing. Water quality parameter measurements and

observations recorded during sampling are documented on the Groundwater Sampling Records provided in Attachment 1.

Groundwater samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) and TCL Semi-Volatile Organic Compounds (SVOCs) in accordance with the SMP and the results are depicted in Figures 3 and 4, respectively. QA/QC procedures were implemented as described in the NYSDEC approved OU-1 RAWP (Parsons, 2007). Laboratory analyses of groundwater samples were conducted by Chemtech of Mountainside, New Jersey, a New York State Department of Health Environmental Laboratory Analysis Program (ELAP) approved laboratory certified for analyses using Analytical Services Protocol (ASP). Laboratory analyses were conducted in accordance with USEPA SW-846 methods and standard deliverable format including initial and continuing instrument calibrations, standard compound spikes, surrogate compound spikes, and analysis of other samples (blanks, laboratory control samples, matrix spikes/matrix spike duplicates, etc.).

Groundwater Level Measurements

Prior to sampling activities, groundwater levels at the Site's twenty (20) monitoring well locations were gauged on December 1, 2015. An oil/water level interface probe was utilized to measure the depths to the water table and thickness of any non-aqueous phase liquid (NAPL) in the water column if present (accurate to 0.01 foot). In addition, the Site's piezometers and recovery wells were also gauged during this event. Groundwater was encountered in the monitoring wells at elevations ranging from 180.86 (MW-6) to 176.46 (MW-18) feet above Mean Sea Level (MSL). The groundwater levels and corresponding elevations are summarized in Tables 1A and 1B and were used to produce a Site groundwater contour map (Figure 5). The groundwater monitoring data indicates that the groundwater flow on the Site remains consistent with past gauging events and flows from northeast to southwest.

Waste Management

Waste fluids were placed in United States Department of Transportation (USDOT) approved drums with closed tops. The drums generated during groundwater sampling were staged in a secure area on the Site as approved by St. John's Church property representatives prior to proper disposal. The drums were transported and disposed of by Parsons Subcontractor, Clean Earth of South Kearny, New Jersey (a RCRA Part B permitted Transfer, Storage and Disposal Facility (TSDF)).

December 2015 Groundwater Sampling - Field Observations

Measureable amounts of NAPL were observed at one location during the December 2015 groundwater sampling event. At MW-12C, 0.66 feet of NAPL was measured with an oil/water interface probe (see Table 1B). In addition, coal tar was noted on the tip of the probe in RW-3 (see Table 1A). Slight hydrocarbon odors were noted during the purging of MW-6, MW-7, MW-9, MW-13, MW-15, and MW-101. Strong hydrocarbon odors were noted during the purging of MW-11C, MW-14, MW-16, and MW-18. No sheens were observed during purging of any wells sampled during this event. Purge water observations recorded during sampling are documented on the Groundwater Sampling Records provided in Attachment 1.

ANALYTICAL RESULTS

Laboratory analytical results for constituents detected in the groundwater samples are summarized in Table 2. For evaluation purposes, analytical results were compared with Ambient Water Quality Standards and Guidance Values (AWQSGVs) for Class GA groundwater contained in New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) (NYSDEC, 1998). These standards and guidance values are protective of groundwater quality assuming that groundwater is used as a source of drinking water. That assumption is not applicable to the Site because groundwater is not anticipated to be used as a source of drinking water. Thus, the use of Class GA standards and guidance values for comparison to Site groundwater is conservative. Figure 3 presents a summary of total BTEX and total VOC concentrations and Figure 4 presents a summary of total PAH and total SVOC concentrations detected in groundwater samples collected during the December 2015 semi-annual groundwater sampling event. Analytical results from the groundwater investigation are summarized below.

VOCs

A total of fourteen (14) VOCs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, nine (9) VOCs (isopropylbenzene, styrene, tert-butyl methyl ether, benzene, ethylbenzene, toluene, o-xylene, m/p-xylene, and 1,2-dichloroethane) were detected at concentrations exceeding their AWQSGVs. 1,2-dichloroethane is a chlorinated Volatile Organic Compound (CVOC). CVOCs are not MGP-related compounds and are not associated with operations of the former manufactured gas plant site.

No VOCs were detected above AWQSGVs in ten (10) monitoring wells (MW-7, MW-8, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20). Groundwater VOC analytical results are summarized in Table 2 and on Figure 3.

SVOCs

A total of four (4) SVOCs and eight (8) PAHs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, two (2) SVOCs (biphenyl and 2-methylphenol) and one (1) PAH (naphthalene) were detected at concentrations exceeding their AWQSGVs. Biphenyl was detected above its AWQSGV in two (2) monitoring wells (MW-11C and MW-14). 2-methylphenol was detected above its AWQSGVs in one (1) monitoring well (MW-9). Naphthalene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-11C, MW-14, MW-15, and MW-16).

No SVOCs or PAHs were detected above AWQSGVs in thirteen (13) monitoring wells (MW-6, MW-7, MW-8, MW-10, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-18, MW-19, MW-20, and MW-101). Analytical data was not available for monitoring well MW-11A during the December 2015 groundwater sampling event. However, data will be available in subsequent groundwater sampling events. Groundwater SVOC analytical results are summarized in Table 2 and on Figure 4.

DATA VALIDATION AND REPORTING

Data validation was performed in accordance with the USEPA Region II standard operating procedures (SOPs) for organic and inorganic data review. These validation guidelines are regional modifications to the National Functional Guidelines for organic and inorganic data review (USEPA, 1999 and 2004). Validation included the following:

- Verification of 100% of all quality control (QC) sample results (both qualitative and quantitative);
- Verification of the identification of 100% of all sample results (both positive hits and non-detects);
- Recalculation of 10% of all investigative sample results; and
- Preparation of a Data Usability Summary Report (DUSR).

The quality of the data has been assessed and is documented in the DUSR provided in Attachment 2. In summary, the results of the data usability assessment show that the collected analytical data for groundwater are valid for the intended purposes of the semi-annual groundwater sampling.

CONCLUSIONS AND RECOMMENDATIONS

The results of the groundwater sampling activities conducted at the Site in December 2015 generally indicate consistency with data obtained during previous groundwater sampling events.

Total BTEX and total VOC concentrations are within the range previously detected in each monitoring well with the exception of MW-11C and MW-101. BTEX and total VOC concentrations in MW-11C and MW-101 exhibited historical lows. BTEX concentrations were at non-detect levels in monitoring wells MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-19, and MW-20 during the December 2015 groundwater sampling event.

Total VOC concentrations in monitoring wells MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-17, MW-19, and MW-20 have frequently been below detection limits during the various groundwater sampling events. Concentrations have generally decreased over time in monitoring wells MW-11C and MW-101.

Total PAH and SVOC concentrations are within the range previously detected in each monitoring well. Total SVOC concentrations were at non-detect levels at monitoring wells MW-6, MW-7, MW-8, MW-10, MW-11B, MW-12A, MW-13, MW-17, MW-19, and MW-20 during the December 2015 groundwater sampling event.

Total SVOC concentrations in monitoring wells MW-6, MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-13, MW-17, MW-19, and MW-20 have frequently been below detection limits during the various groundwater sampling events. Concentrations have generally decreased over time in monitoring well MW-101.

NAPL continues to be observed within the sump of monitoring well MW-12C.

Based on the results of this groundwater sampling event, the layer of clean groundwater beneath the St. John's Church property portion of the Site continues to be present. The

Mr. Dennis Pokrzywka
New York State Department of Environmental Conservation
March 24, 2016
Page 5 of 5

upper aquifer analytical results from the December 2015 groundwater sampling event are supportive of the selected remedy for the St. John's Church property portion of the Site as outlined in the approved RAWP. Semi-annual groundwater sampling will continue for another two (2) rounds through the end of 2016 to conclude that the layer of clean groundwater beneath the St. John's Church property portion of the Site continues to be present.

If you have any questions or comments concerning the results documented herein, please contact me at (718) 204-4205.

Sincerely,



Yelena Skorobogatov
Technical Specialist
MGP Remediation
Environment, Health and Safety

Enclosures (figures/tables)
Attachments

cc:

Anthony Perretta, NYSDOH – 1 copy
Dolores Tuohy, Esq., NYSDEC Albany – w/o enc.
Edward Moore, NYSDEC, Region 3 – w/o enc.
David S. Brown, Archdiocese of New York – 1 copy
Kimberlea Shaw Rea, Bosworth, Gray & Fuller – 1 copy
Rev. Msgr. Neil Graham, St. John's Church – 1 copy
Kenneth Kaiser, Con Edison – 1 copy

TABLES

Table 1A
OU-2 Gauging Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-2	190.54	No longer exists				
MW-4	194.92	Unable to locate				
MW-5	189.12	No longer exists				
MW-6	187.82	6.96	180.86	ND	5 - 15	16.04
MW-7	189.51	9.17	180.34	ND	7 - 17	15.94
MW-8	202.08	23.60	178.48	ND	20 - 40	39.40
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	25.62	178.98	ND	16 - 51	44.94
RW-2	200.05	22.80	177.25	ND	18 - 48	44.30
RW-3	203.60	25.15	178.45	Coal tar on tip	20 - 50	51.88
RW-4	200.90	-	-	-	17 - 57	-
RW-5	200.04	-	-	-	14 - 54	-
RW-6	203.55	24.93	178.62	ND	19 - 49	48.80
RW-7	203.97	23.90	180.07	ND	17.5 - 47.5	45.67
PZ-1	203.63	24.78	178.85	ND	15 - 35	36.50
PZ-2	203.59	24.70	178.89	ND	15 - 35	35.40
PZ-3	200.21	23.90	176.31	ND	15 - 35	34.85
PZ-4	200.14	23.94	176.20	ND	15 - 35	34.60
MW-101	203.07	25.65	177.42	ND	NA	60.25

AMSL = Above Mean Sea Level

Gauging conducted on December 1, 2015

Table 1B
OU-1 Monitoring Well Gauging Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	NAPL Thickness (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-10	198.45	21.20	177.25	ND	NA	52 - 62	49.72
MW-11A	201.82	24.50	177.32	ND	NA	40 - 50	26.73
MW-11B	201.97	24.70	177.27	ND	NA	22 - 27	35.88
MW-11C	201.74	24.55	177.19	ND	NA	31 - 36	49.85
MW-12A	205.13	27.82	177.31	ND	NA	40 - 50	30.54
MW-12B	204.96	27.80	177.16	ND	NA	21 - 36	44.45
MW-12C	205.14	27.79	177.35	59.31 ⁽¹⁾	0.66	38 - 45	59.97
MW-13	204.84	27.63	177.21	ND	NA	50 - 60	64.44
MW-14	205.00	28.23	176.77	ND	NA	55 - 65	64.35
MW-15	207.60	30.95	176.65	ND	NA	55 - 65	66.51
MW-16	205.96	29.02	176.94	ND	NA	57 - 67	64.38
MW-17	204.95	28.03	176.92	ND	NA	55 - 65	49.84
MW-9	207.34	30.57	176.77	ND	NA	38 - 50	61.80
MW-18	208.9	32.44	176.46	ND	NA	60 - 70	71.6
MW-19	188.24	9.17	179.07	ND	NA	5 - 20	20.09
MW-20	191.58	14.97	176.61	ND	NA	5 - 20	19.82

AMSL = Above Mean Sea Level

Gauging conducted on December 1, 2015

(1) The Non-Aqueous Phase Liquid noted in MW-12C was located at the bottom of the well (i.e., DNAPL).

Table 2
Summary of Groundwater Analytical Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Location ID:	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11A
			Sample ID:	MW-6-20151202	MW-7-20151201	MW-8-20151203	MW-9-20151203	MW-10-20151203	MW-11A-20151202
			Lab Sample Id:	G4676-05	G4676-01	G4676-18	G4676-15	G4676-17	G4676-07
			Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		SDG:	G4676	G4676	G4676	G4676	G4676	G4676	G4676
		Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sampled:	12/2/2015 9:20	12/1/2015 13:55	12/3/2015 14:45	12/3/2015 11:40	12/3/2015 13:50	12/2/2015 12:50	
		Validated:	1/21/2016	1/21/2016	1/21/2016	1/21/2016	1/21/2016	1/21/2016	
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
75-15-0	CARBON DISULFIDE	60 (G)	ug/l	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/l	ND	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	1.9 J	ND	1.3 J	0.61 J	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	ND	ND	0.59 J	0.49 J	ND	ND
100-42-5	STYRENE	5	ug/l	ND	ND	0.51 J	15	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	ND	ND	ND	3.6 J	ND	ND
	BTEX								
71-43-2	BENZENE	1	ug/l	8.8	ND	ND	3.4 J	ND	ND
100-41-4	ETHYLBENZENE	5	ug/l	2 J	ND	ND	7	ND	ND
108-88-3	TOLUENE	5	ug/l	0.39 J	ND	0.5 J	71.8	ND	ND
179601-23-1	M,P-XYLENE	5	ug/l	ND	ND	ND	15	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	2.4 J	ND	ND	16.5	ND	ND
	CVOCs								
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	0.97 J	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	ND	0.45 J	ND	ND
	Total BTEX			13.59	ND	0.5	113.7	ND	ND
	Total VOCs			15.49	ND	2.9	134.82	ND	ND
	SEMIVOLATILES								
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND	ND	ND	ND	NA
86-74-8	CARBAZOLE	NS	ug/l	ND	ND	ND	ND	ND	NA
132-64-9	DIBENZOFURAN	NS	ug/l	ND	ND	ND	ND	ND	NA
95-48-7	2-METHYLPHENOL (O-CRESOL)	1	ug/l	ND	ND	ND	5.3 J	ND	NA
	PAHs								
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	ND	ND	ND	ND	NA
208-96-8	ACENAPHTHYLENE	NS	ug/l	ND	ND	ND	4.1 J	ND	NA
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	ND	ND	ND	NA
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND	ND	ND	ND	NA
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	ND	ND	ND	ND	ND	NA
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND	ND	53.6	ND	NA
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	NA
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	NA
	Total PAHs			ND	ND	ND	57.7	ND	NA
	Total SVOCs			ND	ND	ND	63	ND	NA

Notes:

Indicates concentration exceeds standard or guidance value.

(G) Indicates guidance value.

NS No standard or guidance value available.

ND Indicates compound was not detected.

NA Not analyzed (sample bottle broken prior to analysis).

J Indicates an estimated concentration.

ug/l Micrograms per liter

Table 2
Summary of Groundwater Analytical Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Location ID: Sample ID: Lab Sample ID: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-11B	MW-11B	MW-11C	MW-12A	MW-12B	MW-13
CAS NO.	COMPOUND			MW-11B-20151202	MW-11B-20151202	MW-11C-20151202	MW-12A-20151204	MW-12B-20151204	MW-13-20151204
	VOLATILES								
75-15-0	CARBON DISULFIDE	60 (G)	ug/l	ND	ND	0.46 J	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/l	ND	ND	34.6	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	ND	15.9	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	ND	ND	56.1	ND	ND	ND
100-42-5	STYRENE	5	ug/l	ND	ND	290	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	ND	ND	ND	ND	ND	210
	BTEX								
71-43-2	BENZENE	1	ug/l	ND	ND	ND	ND	ND	ND
100-41-4	ETHYLBENZENE	5	ug/l	ND	ND	140	ND	ND	ND
108-88-3	TOLUENE	5	ug/l	ND	ND	0.37 J	ND	ND	ND
179601-23-1	M,P-XYLENE	5	ug/l	ND	ND	960	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	ND	510	ND	ND	ND
	CVOCs								
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	ND	2.4 J
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	4.6 J	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	2.9 J	ND	ND	ND
	Total BTEX			ND	ND	1610.37	ND	ND	ND
	Total VOCs			ND	ND	2014.93	ND	ND	212.4
	SEMIVOLATILES								
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND	44.9	ND	ND	ND
86-74-8	CARBAZOLE	NS	ug/l	ND	ND	6.7 J	ND	ND	ND
132-64-9	DIBENZOFURAN	NS	ug/l	ND	ND	3 J	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	1	ug/l	ND	ND	ND	ND	ND	ND
	PAHs								
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	ND	12.7	ND	ND	ND
208-96-8	ACENAPHTHYLENE	NS	ug/l	ND	ND	65.9	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	3.5 J	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND	31.2	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	ND	ND	570 J	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND	9500	ND	2.7 J	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND	31.4	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	2.3 J	ND	ND	ND
	Total PAHs			ND	ND	10217	ND	2.7	ND
	Total SVOCs			ND	ND	10271.6	ND	2.7	ND

Notes:

Indicates concentration exceeds standard or guidance value.

(G) Indicates guidance value.

NS No standard or guidance value available.

ND Indicates compound was not detected.

NA Not analyzed (sample bottle broken prior to analysis).

J Indicates an estimated concentration.

ug/l Micrograms per liter

Table 2
Summary of Groundwater Analytical Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Location ID:	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19
			Sample ID:	MW-14-20151203	MW-15-20151204	MW-16-20151203	MW-17-20151203	MW-18-20151204	MW-19-20151204
			Lab Sample Id:	G4676-16	G4676-19	G4676-10	G4676-09	G4676-23	G4676-21
			Source:	CTECH	CTECH	CTECH	CTECH	CTECH	CTECH
		SDG:	G4676	G4676	G4676	G4676	G4676	G4676	G4676
		Matrix:	WATER	WATER	WATER	WATER	WATER	WATER	WATER
		Sampled:	12/3/2015 14:00	12/4/2015 9:40	12/3/2015 10:05	12/3/2015 9:10	12/4/2015 12:10	12/4/2015 11:05	
		Validated:	1/21/2016	1/21/2016	1/21/2016	1/21/2016	1/21/2016	1/21/2016	
CAS NO.	COMPOUND		UNITS:						
VOLATILES									
75-15-0	CARBON DISULFIDE	60 (G)	ug/l	0.21 J	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/l	14.3	ND	20.6	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	4 J	0.5 J	11.2	ND	1.4 J	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	16.1	0.61 J	31.7	ND	0.58 J	ND
100-42-5	STYRENE	5	ug/l	1000	30.2	850	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	3.6 J	190	ND	ND	2.8 J	ND
BTEX									
71-43-2	BENZENE	1	ug/l	12.2	0.65 J	63	ND	20.7	ND
100-41-4	ETHYLBENZENE	5	ug/l	160	5.7	180	ND	1.1 J	ND
108-88-3	TOLUENE	5	ug/l	1500	32.2	1400	ND	4.3 J	ND
179601-23-1	M,P-XYLENE	5	ug/l	560	12.6	670	ND	3.5 J	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	410	12.3	530	ND	23.3	ND
CVOCs									
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	4.7 J	ND	ND	0.73 J	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	1.4 J	ND	0.36 J	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	1.2 J	ND	0.89 J	ND
Total BTEX				2642.2	63.45	2843	ND	52.9	ND
Total VOCs				3680.41	289.46	3759.1	ND	59.66	ND
SEMIVOLATILES									
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	21.4	ND	3.4 J	ND	ND	ND
86-74-8	CARBAZOLE	NS	ug/l	3 J	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	NS	ug/l	ND	ND	ND	ND	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	1	ug/l	ND	ND	ND	ND	ND	ND
PAHs									
83-32-9	ACENAPHTHENE	20 (G)	ug/l	6.7 J	ND	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	NS	ug/l	130	4.4 J	11.5	ND	6.1 J	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	2.7 J	ND	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	12.3	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	200	ND	29.3	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	3200	91.3	480	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	21	ND	3.1 J	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
Total PAHs				3572.7	95.7	523.9	ND	6.1	ND
Total SVOCs				3597.1	95.7	527.3	ND	6.1	ND

Notes:

	Indicates concentration exceeds standard or guidance value.
(G)	Indicates guidance value.
NS	No standard or guidance value available.
ND	Indicates compound was not detected.
NA	Not analyzed (sample bottle broken prior to analysis).
J	Indicates an estimated concentration.
ug/l	Micrograms per liter

Table 2
Summary of Groundwater Analytical Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-20 MW-20-20151202 G4676-06 CTECH G4676 WATER 12/2/2015 10:30 1/21/2016	MW-101 MW-101-20151201 G4676-02 CTECH G4676 WATER 12/1/2015 15:00 1/21/2016
CAS NO.	COMPOUND				
VOLATILES					
75-15-0	CARBON DISULFIDE	60 (G)	ug/l	ND	ND
110-82-7	CYCLOHEXANE	NS	ug/l	ND	3.3 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	ND	ND
100-42-5	STYRENE	5	ug/l	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	ND	ND
BTEX					
71-43-2	BENZENE	1	ug/l	ND	11.3
100-41-4	ETHYLBENZENE	5	ug/l	ND	0.26 J
108-88-3	TOLUENE	5	ug/l	ND	ND
179601-23-1	M,P-XYLENE	5	ug/l	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	0.47 J
CVOCs					
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND
Total BTEX				ND	12.03
Total VOCs				ND	15.33
SEMIVOLATILES					
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND
86-74-8	CARBAZOLE	NS	ug/l	ND	ND
132-64-9	DIBENZOFURAN	NS	ug/l	ND	ND
95-48-7	2-METHYLPHENOL (O-CRESOL)	1	ug/l	ND	ND
PAHs					
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	27.3
208-96-8	ACENAPHTHYLENE	NS	ug/l	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND
Total PAHs				ND	27.3
Total SVOCs				ND	27.3

Notes:

Indicates concentration exceeds standard or guidance value.

(G) Indicates guidance value.

NS No standard or guidance value available.

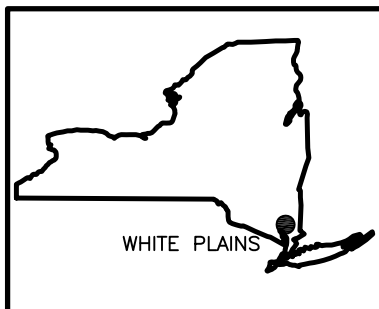
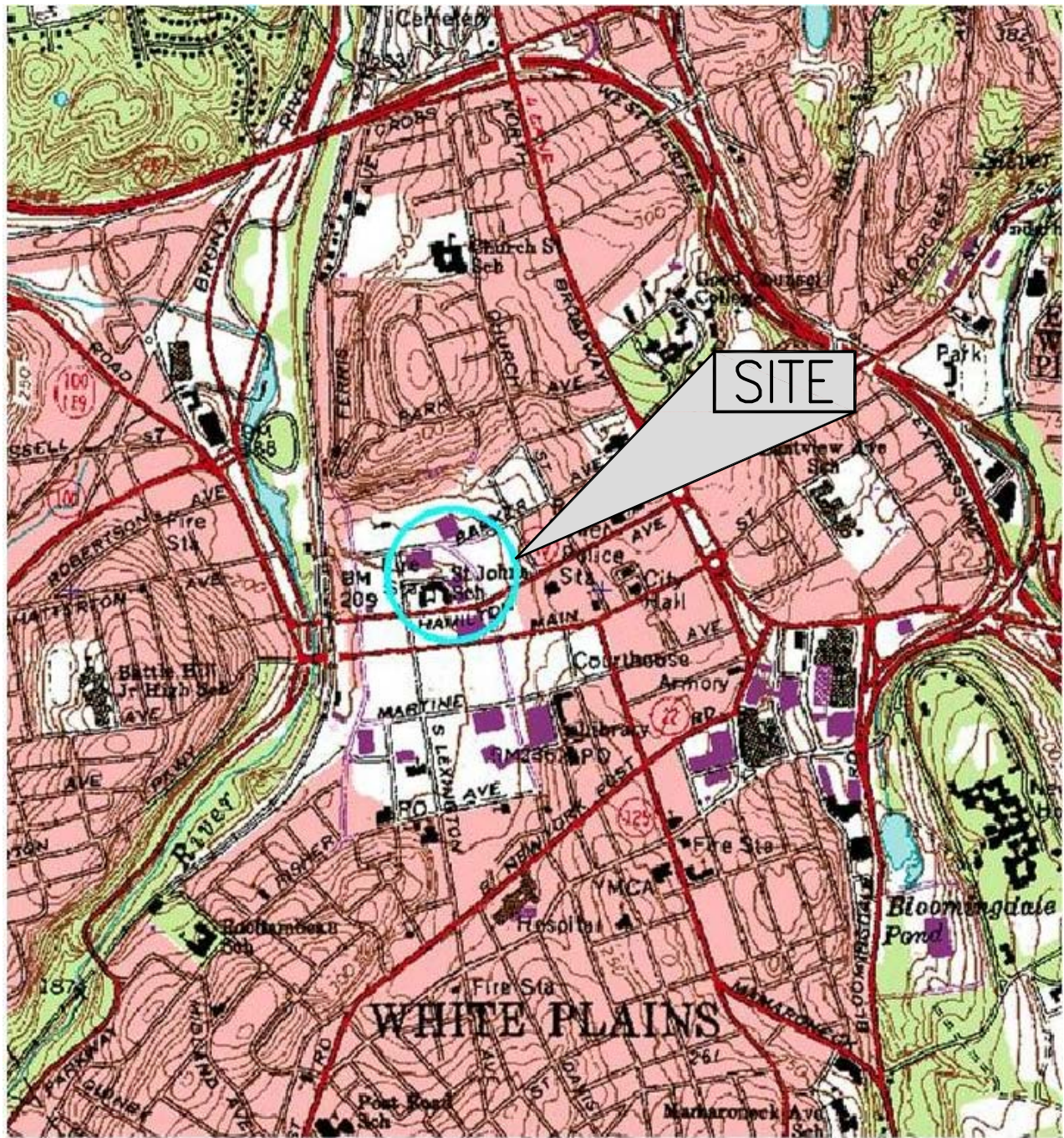
ND Indicates compound was not detected.

NA Not analyzed (sample bottle broken prior to analysis).

J Indicates an estimated concentration.

ug/l Micrograms per liter

FIGURES



QUADRANGLE LOCATION
NEW YORK



LATITUDE: N42° 02' 00"
LONGITUDE: W73° 46' 16"

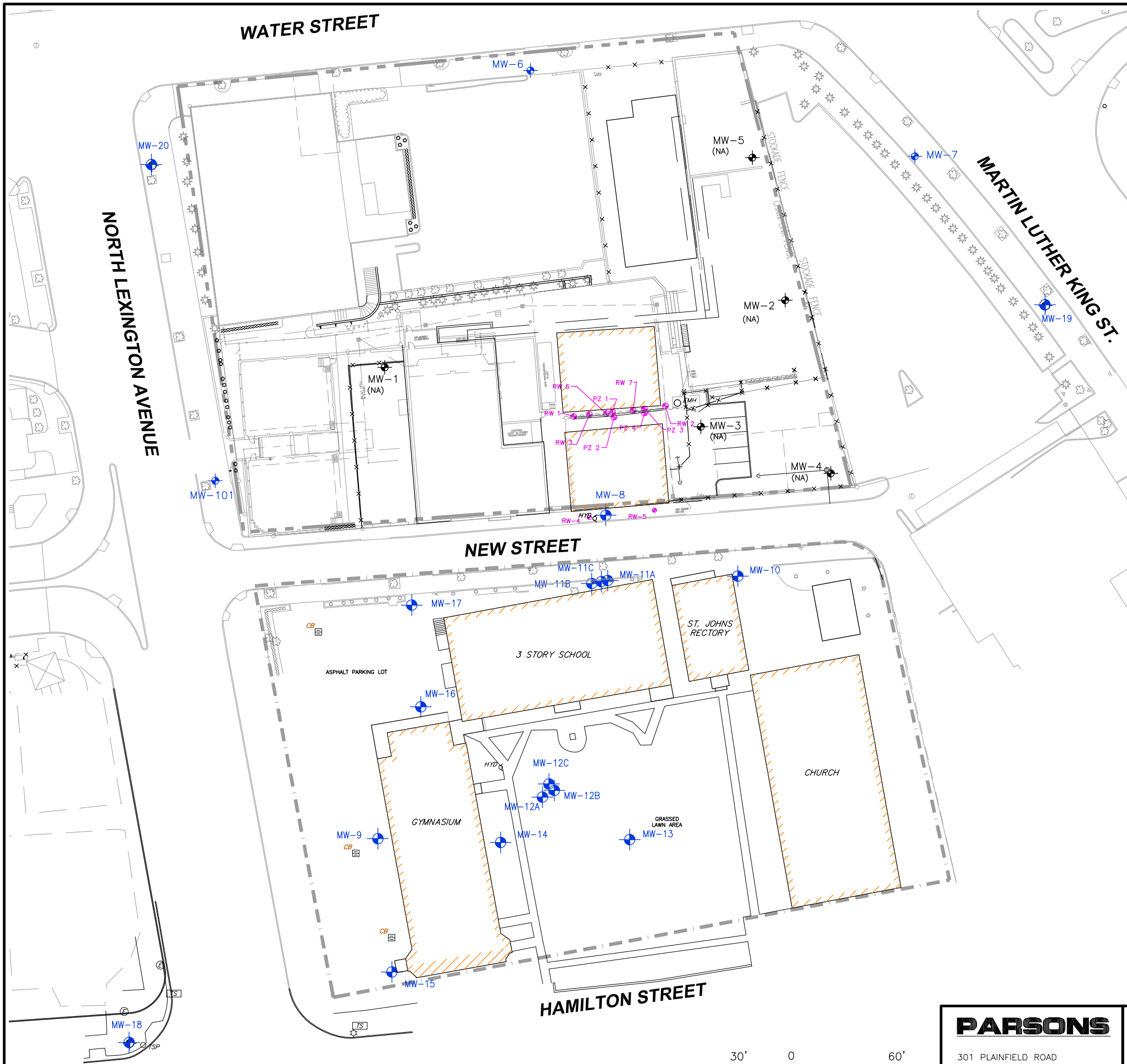
FIGURE 1

**CONSOLIDATED EDISON
WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK**

SITE LOCATION MAP

PARSONS

301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, N.Y. 13212, PHONE: 315-451-9560



LEGEND:

 MONITORING WELL

(NA) NO LONGER ACCESSIBLE

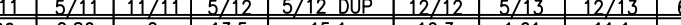
NOTE:
 MAP SOURCE:
 CHAZEN ENGINEERING , LAND SURVEYING & LANDSCAPING
 ARCHITECTURE CO., P.C. DATED 6/6/11.

MW-20	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND

MW-6	7/01	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	353.6	ND	ND	ND	ND	ND	9.66	13.8	ND	8.87	13.59
Total VOCs	402.1	ND	ND	ND	ND	ND	12.24	15.8	ND	9.86	15.49

MW-7	7/01	5/11	11/11	5/12	12/12	12/12 DUP	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	28.69	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND

MW-19	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	6/15 DUP	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND

MW-8	7/01	7/01 DUP	5/11	5/11	11/11	5/12	5/12 DUP	12/12	5/13	12/13	6/14
Total BTEX	3.4	ND	2.86	2.86	2	13.5	15.1	10.3	1.61	11.1	2.57
Total VOCs	28.93	25.98	7.09	7.09	2	41.48	45.83	23.17	8.91	35.5	13
MW-8(con't)	12/14	6/15	12/15								
Total BTEX	11.8	ND	0.5								
Total VOCs	39.7	ND	2.9								

MW-11B	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	12/14 DUP	6/15	12/15	12/15 DUP
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	2.9	ND	ND	ND	ND	ND	1.3	0.81	ND	ND	ND	ND	ND

MW-11C	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	5711.3	4051.8	3160	4751.4	5201.6	2861.55	3835.1	1910	2530	2332.9	1610.4
Total VOCs	7294.3	5095.8	3900	10668.8	6373.6	3473.15	4630.8	2341	3107.5	2852.8	2014.9

MW-11A	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	6/14 DUP	12/14	6/15	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	2.9	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND

MW-101	5/11	11/11	11/11 DUP	5/12	12/12	5/13	12/13	6/14
Total BTEX	428	687	452	710	139.18	128.8	147.1	61.8
Total VOCs	454	687	452	1488	144.78	133.6	159.61	68.9
MW-101(con't)	12/14	6/15	12/15					
Total BTEX	59.7	17.7	12.0					
Total VOCs	66.9	17.7	15.3					

MW-10	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	1.02	ND	ND
Total VOCs	5.1	0.61	ND	0.62	0.84	ND	2.12	ND	2.82	ND	ND

MW-17	11/09	5/11	5/11 DUP	11/11	5/12	12/12	5/13	12/13	12/13 DUP	6/14	12/14	6/15	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	2.4	0.8	0.9	ND	ND	ND	ND	1.4	1.5	ND	ND	ND	ND

MW-16	11/09	11/09 DUP	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	2640.0	6160.0	3810	3020	1780	4910	2470	3530	2590	3550	4088.2	2843
Total VOCs	3401.7	7953.9	4850.9	3980	4028.7	6146.97	3077.74	4468.7	3272	4415.7	5425.27	3759.1

MW-14	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14
Total BTEX	3146.0	3618.6	2990	3678.4	5223	4240	36.3	2557
Total VOCs	4692.9	5689.3	4590	9250.6	8196.4	6340	44.64	3806

MW-14(con't)	12/14	6/15	12/15
Total BTEX	4430	3950	2642.2
Total VOCs	6563.1	6079.4	3680.4

MW-9	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	2305	374	664	172.9	53.4	34.51	36.3	189.1	474.1	7.4	113.7
Total VOCs	2987.3	509.64	824	383.72	186.27	42.21	44.64	229	612.9	14.3	134.8

MW-15	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	379.8	366.2	46	399.8	163	150.3	100.5	ND	327.8	69.74	63.5
Total VOCs	600.3	688.89	285	1156.3	414.63	321.03	332.27	8.4	507.03	317.8	289.5

MW-18	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	37.2	2.6	8.2	30.2	31.11	125.9	29.3	95.8	67.7	52.9
Total VOCs	48.09	13.2	31.47	40.09	41.54	143.38	36.3	111.1	79.1	59.7

MW-13	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	ND	ND	ND	ND	ND	ND	ND	ND	1.97	ND	ND
Total VOCs	188.5	444.1	340	414.4	820	353.6	527.81	242	325.17	243	212.4

MW-12B	11/09	5/11	11/11	5/12	12/12	5/13	5/13 DUP	12/13	6/14	12/14	6/15	12/15
Total BTEX	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	43.0	41.34	16	16	16	4.4	4.4	7.04	1	ND	0.37	ND

MW-12A	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15
Total BTEX	ND	23.2	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total VOCs	ND	31.7	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-12C	11/09	5/11	11/11	5/12	12/12
Total BTEX	826.7	951.5	1171	1174.3	3194.4
Total VOCs	1269.0	1610.07	1761	2918.7	4921.9



MONITORING WELL

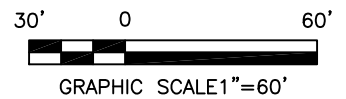
(NA)

NO LONGER ACCESSIBLE

LEGEND:

SAMPLE ID	SAMPLE DATE
TOTAL BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES	RESULTS IN ug/L
TOTAL VOLATILE ORGANIC COMPOUNDS	RESULTS IN ug/L

NOTE:
MAP SOURCE:
CHAZEN ENGINEERING , LAND SURVEYING & LANDSCAPING
ARCHITECTURE CO., P.C. DATED 6/6/11.



PARSONS

301 PLAINFIELD ROAD
SUITE 350
SYRACUSE, N.Y. 13212
PHONE: (315) 451-9560
FAX: (315) 451-9570

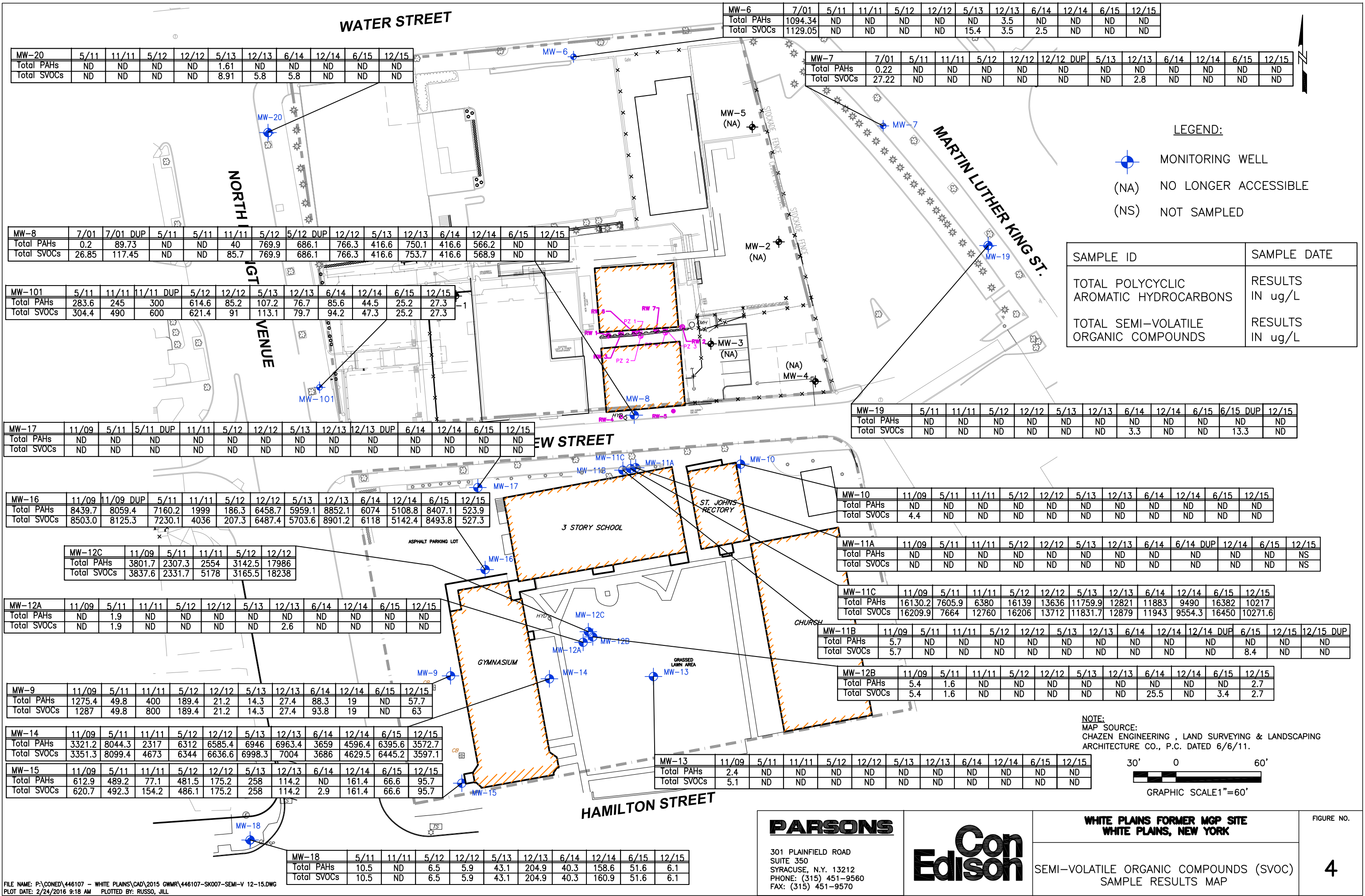
Con Edison

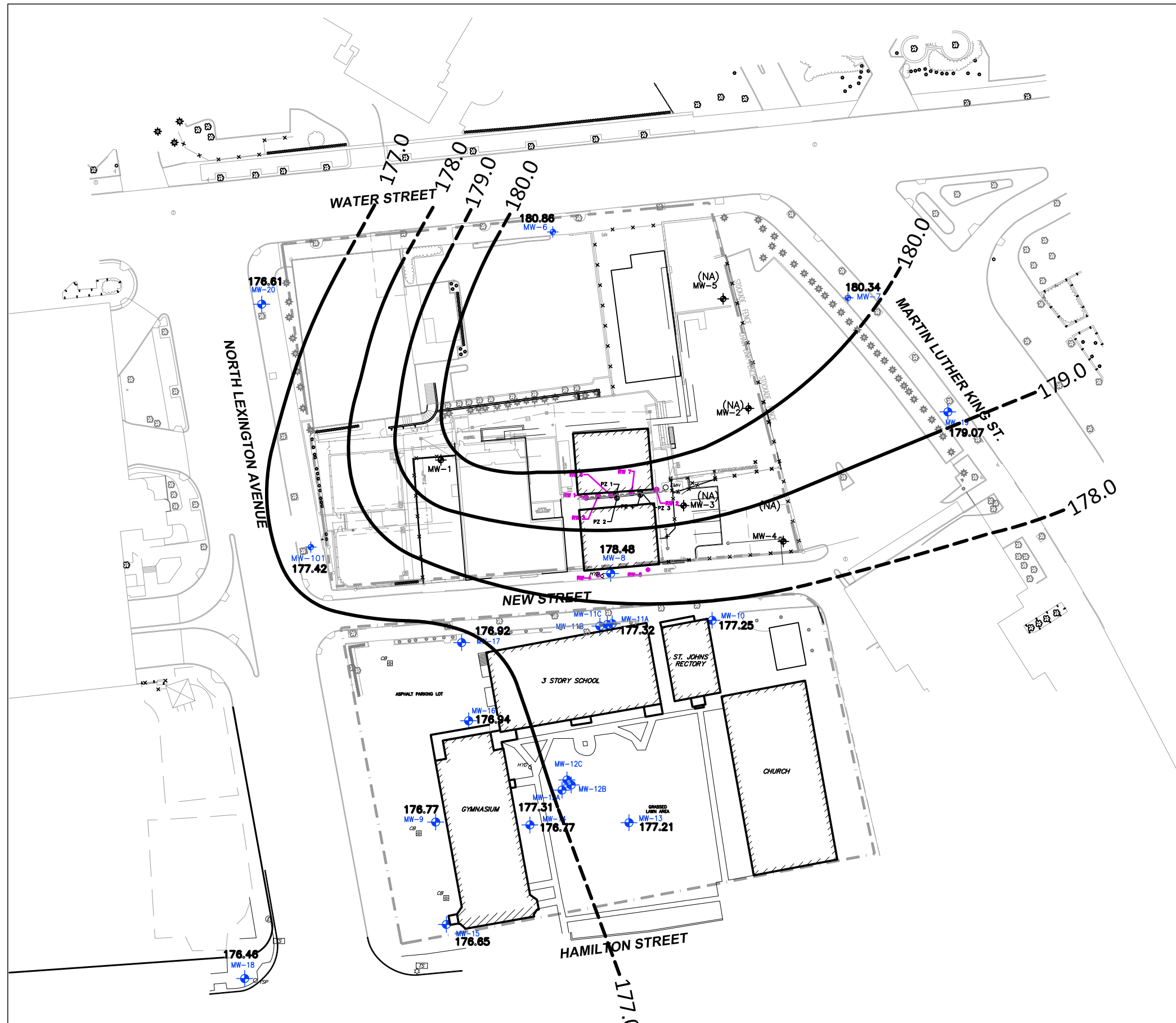
**WHITE PLAINS FORMER MCP SITE
WHITE PLAINS, NEW YORK**

VOLATILE ORGANIC COMPOUNDS (VOC)
SAMPLE RESULTS MAP

FIGURE NO.

3





LEGEND:

 MONITORING WELL

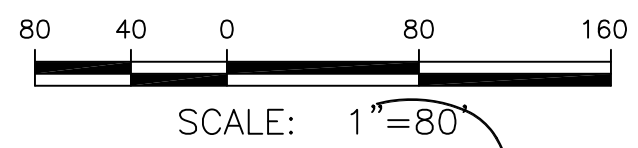
 (NA) NO LONGER ACCESSIBLE

 178.0 GROUNDWATER CONTOURS

 GROUNDWATER CONTOURS INFERRED

176.86 GROUNDWATER ELEVATIONS

- NOTES:
1. MAP SOURCE CHAZEN ENGINEERING ,
LAND SURVEYING & LANDSCAPING
ARCHITECTURE CO., P.C. DATED 6/6/11.
 2. MONITORING WELL GAUGING WAS
PERFORMED BY PARSONS, INC. ON
DECEMBER 15, 2015.
 3. CONTOUR MAPPING DID NOT INCLUDE
GROUNDWATER ELEVATIONS FROM THE
FOLLOWING MONITORING/RECOVERY WELLS
AND PIEZOMETERS; RW-1 THROUGH RW-8,
PZ-1 THROUGH PZ-4, MW-11B,
MW-11C, AND MW-12B.
 4. MONITORING WELLS WERE FIELD SURVEYED
BY CHAZEN ENGINEERING ON NOVEMBER
30, 2009 AND MAY 16, 2011.



FILE NAME: P:\CONED\446107 - WHITE PLAINS\CAD\2015 GWMR\446107-SK009-12-15 GW.DWG
PLOT DATE: 2/24/2016 10:17 AM PLOTTED BY: RUSSO, JILL

PARSONS 301 PLAINFIELD ROAD SUITE 350 SYRACUSE, N.Y. 13212 PHONE: (315) 451-9560 FAX: (315) 451-9570		WHITE PLAINS FORMER MCP SITE WHITE PLAINS, NEW YORK	FIGURE NO.
		GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 2015	5

ATTACHMENTS

Attachment 1

Groundwater Sampling Records

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-2-15
Sampling Date: 12-2-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-6
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 6.96
 Depth to Well Bottom (TOC): 16.05
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 9.09 X (GAL / FT) = 1.45 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0850	0855	0900	0905	0910	0915	0920
Depth To Water (TOC) (ft)	7.50	7.59	7.70	7.81	7.99	8.15	8.27
Depth To Pump (TOC) (ft)	14.50	14.50	14.50	14.50	14.50	14.50	14.50
Flow Rate (ml/min)	150	150	150	150	150	150	150
Volume of Water Purged	~0.5	~0.8	~1.2	~1.50	~1.75	~2.0	~2.3
pH (s.u.)	7.23	7.10	7.05	7.04	7.04	7.04	7.03
Conductivity (mS/cm)	2.65	2.62	2.63	2.71	2.74	2.74	2.75
Turbidity (NTUs)	80.3	78.4	61.7	16.2	13.4	13.3	13.2
Dissolved Oxygen (mg/L)	10.57	3.12	2.58	1.22	1.13	1.11	1.11
Temperature (Degrees C)	16.72	17.61	17.55	16.69	15.94	15.92	15.92
ORP (mV)	137	135	115	64	49	45	39
Salinity (%)	1.4	1.4	1.4	1.4	1.4	1.4	1.4
TDS (g/L)	1.70	1.68	1.68	1.73	1.76	1.79	1.81

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-1-15
Sampling Date: 12-1-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-7
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 9.19
 Depth to Well Bottom (TOC): 15.95
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 6.76 X (GAL / FT) = 1.08 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Faint Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1325	1330	1335	1340	1345	1350	1355
Depth To Water (TOC) (ft)	9.55	9.70	9.81	9.95	10.10	10.21	10.29
Depth To Pump (TOC) (ft)	14.94	14.94	14.94	14.94	14.94	14.94	14.94
Flow Rate (ml/min)	~150	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.2	~0.4	~0.65	~1.0	~1.25	~1.5	~2
pH (s.u.)	6.73	7.06	7.07	7.09	7.09	7.10	7.10
Conductivity (mS/cm)	4.49	4.16	4.18	4.09	4.02	4.01	4.00
Turbidity (NTUs)	*	670	404	180	47.8	47.6	47.7
Dissolved Oxygen (mg/L)	1.89	2.66	2.60	1.55	1.54	1.54	1.53
Temperature (Degrees C)	19.24	16.02	16.05	16.67	16.76	16.77	16.76
ORP (mV)	30	-98	-99	-105	-113	-118	-119
Salinity (%)	0.3	0.7	0.7	0.6	0.6	0.6	0.7
TDS (g/L)	2.89	2.66	2.65	2.60	2.55	2.54	2.54

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-8
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 23.60
 Depth to Well Bottom (TOC): 39.40
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 15.80 X (GAL / FT) = 2.53 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1415	1420	1425	1430	1435	1440	1445
Depth To Water (TOC) (ft)	23.75	23.79	23.84	23.89	23.93	23.97	24.09
Depth To Pump (TOC) (ft)	37.40	37.40	37.40	37.40	37.40	37.40	37.40
Flow Rate (ml/min)	200	200	200	200	200	200	200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75	~2.25
pH (s.u.)	6.96	6.64	6.63	6.60	6.60	6.61	6.60
Conductivity (mS/cm)	2.61	2.73	2.74	2.88	2.88	2.88	2.88
Turbidity (NTUs)	22.5	31.1	18.9	7.3	1.5	1.3	1.4
Dissolved Oxygen (mg/L)	9.80	3.09	2.99	3.55	3.79	3.78	3.80
Temperature (Degrees C)	14.54	15.72	15.96	16.02	16.05	16.07	16.08
ORP (mV)	78	92	94	92	90	88	89
Salinity (%)	1.3	1.4	1.4	1.5	1.5	1.5	1.5
TDS (g/L)	1.67	1.75	1.76	1.80	1.84	1.85	1.86

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-9
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 30.60
 Depth to Well Bottom (TOC): 61.80
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 31.20 X (GAL / FT) = 4.99 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1110	1115	1120	1125	1130	1135	1140
Depth To Water (TOC) (ft)	30.75	30.86	30.93	30.88	30.86	30.86	30.88
Depth To Pump (TOC) (ft)	59.80	59.80	59.80	59.80	59.80	59.80	59.80
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75	~2.25
pH (s.u.)	6.85	6.79	6.79	6.79	6.79	6.80	6.80
Conductivity (mS/cm)	3.52	3.61	3.60	3.62	3.63	3.62	3.62
Turbidity (NTUs)	266	108	73.3	35.8	15.4	15.3	15.5
Dissolved Oxygen (mg/L)	9.48	8.79	8.58	8.35	8.09	8.08	8.06
Temperature (Degrees C)	15.14	15.32	15.35	15.40	15.39	15.40	15.38
ORP (mV)	-40	-48	-51	-54	-57	-59	-61
Salinity (%)	1.9	1.9	1.9	1.9	1.9	1.9	1.9
TDS (g/L)	2.28	2.31	2.31	2.32	2.33	2.31	2.32

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-10
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 21.20
 Depth to Well Bottom (TOC): 49.72
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 28.52 X (GAL / FT) = 4.56 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1320	1325	1330	1335	1340	1345	1350
Depth To Water (TOC) (ft)	21.25	21.26	21.27	21.27	21.27	21.28	21.28
Depth To Pump (TOC) (ft)	47.72	47.72	47.72	47.72	47.72	47.72	47.72
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75	~2.25
pH (s.u.)	7.00	6.80	6.80	6.76	6.74	6.73	6.74
Conductivity (mS/cm)	4.78	7.51	8.74	8.79	8.76	8.75	8.75
Turbidity (NTUs)	8.9	7.9	4.7	0	0	0	0
Dissolved Oxygen (mg/L)	3.41	2.49	3.52	4.08	3.44	3.46	3.47
Temperature (Degrees C)	15.05	15.23	15.27	15.40	15.33	15.34	15.34
ORP (mV)	-18	12	44	63	71	75	79
Salinity (%)	2.7	4.3	4.9	4.9	4.9	4.9	4.9
TDS (g/L)	3.17	4.91	5.52	5.53	5.52	5.53	5.51

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-2-15
Sampling Date: 12-2-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-11A
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.50
 Depth to Well Bottom (TOC): 26.73
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 2.23 X (GAL / FT) = 0.36 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1220	1225	1230	1235	1240	1245	1250
Depth To Water (TOC) (ft)	24.61	24.65	24.66	24.65	24.66	24.66	24.67
Depth To Pump (TOC) (ft)	25.7	25.7	25.7	25.7	25.7	25.7	25.7
Flow Rate (ml/min)	~150	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.5	~0.8	~1.2	~1.50	~1.75	~2.0	~2.3
pH (s.u.)	7.77	7.49	7.48	7.47	7.47	7.46	7.45
Conductivity (mS/cm)	4.73	4.72	4.95	5.03	5.04	5.05	5.06
Turbidity (NTUs)	338	197	47.8	38.1	25.3	25.1	25.0
Dissolved Oxygen (mg/L)	9.81	7.07	7.28	7.47	7.81	7.82	7.83
Temperature (Degrees C)	15.89	15.61	15.78	15.86	15.84	15.83	15.82
ORP (mV)	74	94	94	94	94	95	96
Salinity (%)	2.5	2.5	2.7	2.8	2.9	2.9	2.9
TDS (g/L)	3.03	3.02	3.08	3.10	3.14	3.18	3.12

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-2-15
Sampling Date: 12-2-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-11B
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.70
 Depth to Well Bottom (TOC): 35.87
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 11.17 X (GAL / FT) = 1.79 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1450	1455	1500	1505	1510	1515
Depth To Water (TOC) (ft)	24.80	24.82	24.84	24.86	24.88	24.90
Depth To Pump (TOC) (ft)	34.87	34.87	34.87	34.87	34.87	34.87
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.5	~0.75	~1.25	~1.75	~2.25	~2.75
pH (s.u.)	7.75	7.49	7.45	7.44	7.43	7.43
Conductivity (mS/cm)	5.04	5.61	5.58	5.52	5.51	5.50
Turbidity (NTUs)	37.8	51.1	8.7	4.6	4.7	4.5
Dissolved Oxygen (mg/L)	11.19	11.12	11.02	10.81	10.83	10.82
Temperature (Degrees C)	14.41	15.67	16.47	16.78	16.79	16.80
ORP (mV)	-8	5	112	13	18	20
Salinity (%)	2.7	3.0	3.0	3.0	3.0	3.0
TDS (g/L)	3.17	3.53	3.62	3.69	3.73	3.78

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes: Collected MS/MSD/Dup

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-2-15
Sampling Date: 12-2-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-11C
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.55
 Depth to Well Bottom (TOC): 49.85
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 25.30 X (GAL / FT) = 4.05 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1300	1305	1310	1315	1320	1325	1330
Depth To Water (TOC) (ft)	24.55	24.68	24.72	24.72	24.72	24.72	24.72
Depth To Pump (TOC) (ft)	47.85	47.85	47.85	47.85	47.85	47.85	47.85
Flow Rate (ml/min)	~150	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.5	~0.8	~1.2	~1.50	~1.75	~2.0	~2.3
pH (s.u.)	7.54	7.47	7.46	7.47	7.47	7.46	7.45
Conductivity (mS/cm)	5.53	5.548	5.49	5.55	5.60	5.61	5.61
Turbidity (NTUs)	270	154	113	32.5	11.8	11.7	11.5
Dissolved Oxygen (mg/L)	2.53	1.99	1.48	1.14	1.47	1.47	1.49
Temperature (Degrees C)	15.64	15.47	15.70	15.93	15.63	15.62	15.62
ORP (mV)	-73	-95	-110	-123	-127	-131	-135
Salinity (%)	3.4	3.1	2.9	3.0	3.0	3.0	3.0
TDS (g/L)	3.78	3.52	3.45	3.49	3.52	3.52	3.53

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-12A
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.82
 Depth to Well Bottom (TOC): 30.54
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 2.72 X (GAL / FT) = 0.44 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	905	910	915	920	925	930	935
Depth To Water (TOC) (ft)	28.02	28.05	28.06	28.03	28.03	28.04	28.00
Depth To Pump (TOC) (ft)	28.54	28.54	28.54	28.54	28.54	28.54	28.54
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75	~2.25
pH (s.u.)	6.81	7.49	7.69	7.74	7.74	7.75	7.76
Conductivity (mS/cm)	0.751	0.759	0.757	0.747	0.747	0.747	0.749
Turbidity (NTUs)	222	112	25.1	1.4	1.2	1.0	1.2
Dissolved Oxygen (mg/L)	6.47	8.01	8.35	6.73	6.26	6.31	6.30
Temperature (Degrees C)	14.09	15.23	15.20	15.51	15.57	15.58	15.60
ORP (mV)	134	110	118	123	125	126	126
Salinity (%)	0.4	0.4	0.4	0.4	0.4	0.4	0.4
TDS (g/L)	0.485	0.486	0.485	0.480	0.480	0.479	0.481

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-12B
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.80
 Depth to Well Bottom (TOC): 44.45
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 16.65 X (GAL / FT) = 2.66 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1035	1040	1045	1050	1055	1100
Depth To Water (TOC) (ft)	28.05	28.09	28.10	28.10	28.07	28.10
Depth To Pump (TOC) (ft)	42.45	42.45	42.45	42.45	42.45	42.45
Flow Rate (ml/min)	~200	~150	~150	~150	~150	~150
Volume of Water Purged	~0.5	~1.0	~1.5	~2.0	~2.5	~3.25
pH (s.u.)	7.38	7.48	7.46	7.46	7.46	7.45
Conductivity (mS/cm)	1.85	2.15	2.24	2.24	2.26	2.26
Turbidity (NTUs)	393	125	51	43.7	20.1	13.9
Dissolved Oxygen (mg/L)	4.43	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	14.75	15.40	15.64	15.67	15.72	15.78
ORP (mV)	135	112	96	94	86	79
Salinity (%)	0.9	1.1	1.1	1.1	1.2	1.2
TDS (g/L)	1.19	1.38	1.43	1.43	1.44	1.45

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes: DO Probe stopped working at 1040

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-12B
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.80
 Depth to Well Bottom (TOC): 44.45
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 16.65 X (GAL / FT) = 2.66 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	SAMPLE
Time	1110	1115	1120	1125
Depth To Water (TOC) (ft)	28.10	28.10	28.10	28.10
Depth To Pump (TOC) (ft)	42.45	42.45	42.45	42.45
Flow Rate (ml/min)	~150	~150	~150	~150
Volume of Water Purged	~3.75	~4.25	~4.5	~4.75
pH (s.u.)	7.46	7.45	7.47	7.46
Conductivity (mS/cm)	2.27	2.26	2.27	2.27
Turbidity (NTUs)	4.6	4.7	4.6	4.4
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00
Temperature (Degrees C)	15.73	15.83	15.81	15.84
ORP (mV)	77	74	71	70
Salinity (%)	1.2	1.2	1.2	1.2
TDS (g/L)	1.45	1.45	1.45	1.45

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-13
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.96
 Depth to Well Bottom (TOC): 64.45
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 36.49 X (GAL / FT) = 5.84 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1210	1215	1220	1225	1230	1235
Depth To Water (TOC) (ft)	28.05	28.07	28.07	28.06	28.06	28.09
Depth To Pump (TOC) (ft)	62.44	62.44	62.44	62.44	62.44	62.44
Flow Rate (ml/min)	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.5	~1.0	~1.5	~2.0	~2.5	~3.25
pH (s.u.)	7.00	6.92	6.91	6.91	6.90	6.94
Conductivity (mS/cm)	3.12	3.25	3.26	3.26	3.27	3.29
Turbidity (NTUs)	463	302	255	187	79.2	69.0
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	15.31	15.53	15.58	15.61	15.65	15.72
ORP (mV)	-59	-74	-78	-80	-81	-82
Salinity (%)	1.6	1.7	1.7	1.7	1.7	1.7
TDS (g/L)	1.98	2.08	2.08	2.09	2.09	2.10

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes: Do sensor stopped working at 1040

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-13
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.96
 Depth to Well Bottom (TOC): 64.45
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 36.49 X (GAL / FT) = 5.84 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1245	1250	1255	1300	1305	1310
Depth To Water (TOC) (ft)	28.07	28.06	28.08	28.07	28.09	28.10
Depth To Pump (TOC) (ft)	62.44	62.44	62.44	62.44	62.44	62.44
Flow Rate (ml/min)	~500	~500	~400	~400	~400	~400
Volume of Water Purged	~3.75	~4.25	~4.5	~4.75	~5.00	~5.25
pH (s.u.)	6.93	6.92	6.91	6.91	6.90	6.90
Conductivity (mS/cm)	3.29	3.29	3.29	3.29	3.30	3.31
Turbidity (NTUs)	60.9	46.8	30.5	30.1	29.0	29.1
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	15.58	15.58	15.56	15.59	15.61	15.62
ORP (mV)	-71	-72	-74	-75	-77	-78
Salinity (%)	1.7	1.7	1.7	1.7	1.7	1.7
TDS (g/L)	2.10	2.10	2.11	2.11	2.11	2.12

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-14
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.23
 Depth to Well Bottom (TOC): 64.35
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 36.12 X (GAL / FT) = 5.78 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong hydrocarbon odor
 Other :

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1315	1320	1325	1330	1335	1340
Depth To Water (TOC) (ft)	28.30	28.30	28.34	28.41	28.43	28.43
Depth To Pump (TOC) (ft)	62.35	62.35	62.35	62.35	62.35	62.35
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75
pH (s.u.)	7.15	7.23	7.27	7.27	7.26	7.26
Conductivity (mS/cm)	2.38	2.37	2.35	2.35	2.34	2.34
Turbidity (NTUs)	703	547	312	160	81.2	49.1
Dissolved Oxygen (mg/L)	2.78	2.48	3.01	2.69	2.09	1.59
Temperature (Degrees C)	14.89	14.78	15.42	15.47	15.38	15.37
ORP (mV)	-27	-55	-81	-89	-96	-100
Salinity (%)	1.2	1.2	1.2	1.2	1.2	1.2
TDS (g/L)	1.52	1.52	1.50	1.50	1.50	1.51

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-14
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.23
 Depth to Well Bottom (TOC): 64.35
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 36.12 X (GAL / FT) = 5.78 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong hydrocarbon odor
 Other :

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	1350	1355	1400
Depth To Water (TOC) (ft)	28.43	28.44	28.44
Depth To Pump (TOC) (ft)	62.35	62.35	62.35
Flow Rate (ml/min)	~200	~200	~200
Volume of Water Purged	~2.5	~2.8	~3.0
pH (s.u.)	7.23	7.22	7.20
Conductivity (mS/cm)	2.37	2.39	2.40
Turbidity (NTUs)	12.3	12.4	12.1
Dissolved Oxygen (mg/L)	0.57	0.57	0.55
Temperature (Degrees C)	15.39	15.40	15.40
ORP (mV)	-110	-110	-111
Salinity (%)	1.2	1.3	1.3
TDS (g/L)	1.52	1.54	1.55

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-15
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 30.95
 Depth to Well Bottom (TOC): 66.50
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 35.55 X (GAL / FT) = 5.69 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0910	0915	0920	0925	0930	0935	0940
Depth To Water (TOC) (ft)	30.97	30.97	30.97	30.97	30.97	30.97	30.97
Depth To Pump (TOC) (ft)	64.51	64.51	64.51	64.51	64.51	64.51	64.51
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75	~2.25
pH (s.u.)	6.43	6.62	6.65	6.65	6.66	6.66	6.65
Conductivity (mS/cm)	2.62	3.53	3.72	3.73	3.76	3.77	3.77
Turbidity (NTUs)	90.1	62.3	33.4	12.7	5.5	5.4	5.5
Dissolved Oxygen (mg/L)	4.30	1.46	1.19	0.81	0.54	0.53	0.53
Temperature (Degrees C)	12.08	14.20	14.28	14.38	14.41	14.42	14.42
ORP (mV)	-48	-77	-78	-84	-84	-87	-89
Salinity (%)	0.5	1.9	2.0	2.0	2.0	2.0	2.0
TDS (g/L)	0.705	2.37	2.39	2.39	2.40	2.40	2.41

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-16
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.48
 Depth to Well Bottom (TOC): 64.38
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 35.90 X (GAL / FT) = 5.74 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1405	1410	1415	1420	1425	1430
Depth To Water (TOC) (ft)	28.55	28.54	28.55	28.54	28.55	28.55
Depth To Pump (TOC) (ft)	62.38	62.38	62.38	62.38	62.38	62.38
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~2.0
pH (s.u.)	6.87	6.91	6.91	6.91	6.92	6.91
Conductivity (mS/cm)	3.32	3.09	3.08	3.08	3.01	3.02
Turbidity (NTUs)	2.0	2.8	1.2	0.1	0.0	0.0
Dissolved Oxygen (mg/L)	0.88	0.63	0.61	0.57	0.55	0.52
Temperature (Degrees C)	15.71	16.12	16.12	16.16	16.19	16.19
ORP (mV)	-118	-126	-129	-131	-133	-135
Salinity (%)	1.6	1.6	1.6	1.6	1.6	1.6
TDS (g/L)	2.02	1.98	1.96	1.98	1.92	1.95

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-17
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.03
 Depth to Well Bottom (TOC): 49.84
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 21.81 X (GAL / FT) = 3.49 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	0825	0830	0835	0840	0845	0850
Depth To Water (TOC) (ft)	28.05	28.04	28.06	28.06	28.06	28.06
Depth To Pump (TOC) (ft)	47.84	47.84	47.84	47.84	47.84	47.84
Flow Rate (ml/min)	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.2	~0.5	~0.75	~1.25	~1.5	~1.75
pH (s.u.)	6.82	7.17	7.22	7.28	7.31	7.32
Conductivity (mS/cm)	1.06	1.14	1.15	1.14	1.14	1.16
Turbidity (NTUs)	105	77.3	43.0	24.6	12.1	2.8
Dissolved Oxygen (mg/L)	6.03	5.85	5.69	5.49	5.54	5.48
Temperature (Degrees C)	16.51	15.89	16.79	17.25	17.62	17.56
ORP (mV)	154	142	135	129	123	119
Salinity (%)	0.5	0.6	0.6	0.6	0.6	0.6
TDS (g/L)	0.690	0.729	0.735	0.732	0.727	0.736

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-3-15
Sampling Date: 12-3-15
Samplers: Aaron Feshbach-Meriney of Parsons / Somerset, NJ
SAMPLE ID: MW-17
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.03
 Depth to Well Bottom (TOC): 49.84
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 21.81 X (GAL / FT) = 3.49 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	0900	0905	0910
Depth To Water (TOC) (ft)	28.07	28.07	28.07
Depth To Pump (TOC) (ft)	47.84	47.84	47.84
Flow Rate (ml/min)	~150	~150	~150
Volume of Water Purged	~2.5	~2.8	~3.0
pH (s.u.)	7.34	7.35	7.34
Conductivity (mS/cm)	1.18	1.18	1.19
Turbidity (NTUs)	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	4.96	5.19	5.15
Temperature (Degrees C)	17.69	17.71	17.70
ORP (mV)	115	115	115
Salinity (%)	0.6	0.6	0.6
TDS (g/L)	0.758	0.756	0.762

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-18
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 32.50
 Depth to Well Bottom (TOC): 71.58
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 39.08 X (GAL / FT) = 6.25 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong Hydrocarbon Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1145	1150	1155	1200	1205	1210
Depth To Water (TOC) (ft)	32.61	32.63	32.68	32.70	32.72	32.75
Depth To Pump (TOC) (ft)	69.60	69.60	69.60	69.60	69.60	69.60
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.25	~0.5	~0.7	~1.0	~1.4	~1.75
pH (s.u.)	6.93	6.88	6.87	6.86	6.87	6.88
Conductivity (mS/cm)	3.59	3.83	3.88	3.90	3.91	3.89
Turbidity (NTUs)	25.1	4.7	2.8	1.2	1.1	1.0
Dissolved Oxygen (mg/L)	1.60	0.66	0.55	0.53	0.53	0.52
Temperature (Degrees C)	12.75	12.94	12.98	12.96	12.98	12.97
ORP (mV)	-103	-104	-105	-106	-107	-109
Salinity (%)	1.9	2.0	2.0	2.0	2.1	2.1
TDS (g/L)	2.35	2.46	2.49	2.50	2.50	2.50

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-4-15
Sampling Date: 12-4-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-19
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 9.17
 Depth to Well Bottom (TOC): 20.08
CALCULATIONS:
 Ft. of Water in Well X (GAL / FT) = Gallons
2-inch Casing: Ft. of Water in Well 10.91 x 0.16 = 1.75 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1030	1035	1040	1045	1050	1055	1100	1105
Depth To Water (TOC) (ft)	9.23	9.23	9.24	9.24	9.25	9.26	9.27	9.28
Depth To Pump (TOC) (ft)	18.08	18.08	18.08	18.08	18.08	18.08	18.08	18.08
Flow Rate (ml/min)	150	150	150	150	150	150	150	150
Volume of Water Purged	~0.5	~0.7	~1.0	~1.2	~1.5	~1.6	~2.0	~2.25
pH (s.u.)	6.60	6.57	6.53	6.51	6.51	6.51	6.51	6.51
Conductivity (mS/cm)	10.4	10.5	10.6	10.5	10.4	10.4	10.5	10.4
Turbidity (NTUs)	950	487	261	238	62.4	46.8	46.9	47.1
Dissolved Oxygen (mg/L)	3.31	2.32	1.47	1.26	1.03	1.01	1.02	1.01
Temperature (Degrees C)	14.63	14.64	14.65	14.56	14.75	14.76	14.75	14.76
ORP (mV)	-81	-83	-86	-86	-86	-88	-91	-94
Salinity (%)	5.8	5.8	5.9	5.9	5.8	5.8	5.8	5.8
TDS (g/L)	6.45	6.46	6.47	6.54	6.45	6.45	6.46	6.45

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-2-15
Sampling Date: 12-2-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-20
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 14.97
 Depth to Well Bottom (TOC): 19.82
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 4.85 X (GAL / FT) = 0.78 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0955	1000	1005	1010	1015	1020	1025	1030
Depth To Water (TOC) (ft)	14.99	15.12	15.05	15.07	15.07	15.07	15.07	15.07
Depth To Pump (TOC) (ft)	18.82	18.82	18.82	18.82	18.82	18.82	18.82	18.82
Flow Rate (ml/min)	150	150	150	150	150	150	150	150
Volume of Water Purged	~0.5	~0.7	~1.0	~1.2	~1.5	~1.6	~2.0	~2.25
pH (s.u.)	6.90	6.87	6.85	6.87	6.89	6.90	6.91	6.92
Conductivity (mS/cm)	15.8	15.6	14.6	13.9	13.5	13.2	13.3	13.3
Turbidity (NTUs)	652	616	492	92.5	46.7	14.4	14.3	14.4
Dissolved Oxygen (mg/L)	8.25	2.75	1.05	0.73	0.65	0.59	0.58	0.59
Temperature (Degrees C)	15.92	15.79	15.61	15.54	15.98	16.07	16.06	16.05
ORP (mV)	55	35	12	4	4	4	4	4
Salinity (%)	9.2	9.0	8.4	8.0	7.7	7.5	7.4	7.3
TDS (g/L)	9.20	9.62	9.02	8.63	8.43	8.17	8.15	8.14

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 449512-01000
Purge Date: 12-1-15
Sampling Date: 12-1-15
Samplers: John McDougall of Parsons / Somerset, NJ
SAMPLE ID: MW-101
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 25.65
 Depth to Well Bottom (TOC): 60.25
CALCULATIONS:
 2-inch Casing: Ft. of Water in Well 34.60 X (GAL / FT) = 5.54 Gallons
 3-inch Casing: Ft. of Water in Well x 0.32 = Gallons
 4-inch Casing: Ft. of Water in Well x 0.64 = Gallons
 Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight Hydrocarbon odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1435	1440	1445	1450	1455	1500
Depth To Water (TOC) (ft)	25.68	25.70	25.70	25.69	25.70	25.70
Depth To Pump (TOC) (ft)	58.25	58.25	58.25	58.25	58.25	58.25
Flow Rate (ml/min)	150	150	150	150	150	150
Volume of Water Purged	~0.1	~0.4	~0.7	~1.2	~1.5	~2.0
pH (s.u.)	7.41	7.09	7.13	7.13	7.14	7.14
Conductivity (mS/cm)	1.65	3.30	3.49	3.40	3.41	3.41
Turbidity (NTUs)	64.3	11.9	7.0	6.0	5.8	5.9
Dissolved Oxygen (mg/L)	3.68	0.87	0.77	0.70	0.71	0.70
Temperature (Degrees C)	15.81	17.17	17.15	17.26	17.26	17.25
ORP (mV)	-93	-98	-101	-104	-106	-110
Salinity (%)	0.8	0.2	0.3	0.2	0.2	0.2
TDS (g/L)	1.06	2.11	2.23	2.17	2.14	2.10

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes:

Attachment 2
Data Usability Summary Report

DATA USABILITY SUMMARY REPORT
WHITE PLAINS FORMER MGP SITE
White Plains, New York

Prepared For:



CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

31-01 20th Avenue
Long Island City, NY 11105

Prepared By:

PARSONS

301 Plainfield Road, Suite 350
Syracuse, New York 13212
Phone: (315) 451-9560
Fax: (315) 451-9570

JANUARY 2016

TABLE OF CONTENTS

	<u>Page</u>
SECTION 1 DATA USABILITY SUMMARY	1-1
1.1 LABORATORY DATA PACKAGES	1-1
1.2 SAMPLING AND CHAIN-OF-CUSTODY	1-1
1.3 LABORATORY ANALYTICAL METHODS	1-1
1.3.1 Volatile Organic Analysis	1-2
1.3.2 Semivolatile Organic Analysis	1-2
SECTION 2 DATA VALIDATION REPORT	2-1
2.1 GROUNDWATER	2-1
2.1.1 Volatiles	2-1
2.1.2 Semivolatiles	2-2

LIST OF ATTACHMENTS

ATTACHMENT A VALIDATED LABORATORY DATA

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the Consolidated Edison White Plains site on December 1, 2015 through December 4, 2015. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratory for this project was Chemtech. This laboratory is certified to perform project analyses by the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 28 days for the project samples.

The data packages received from Chemtech were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation report which is summarized by media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at Chemtech within one to three days of sampling. All samples were received intact and in good condition at the laboratory.

1.3 LABORATORY ANALYTICAL METHODS

The groundwater samples that were collected from the site were analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.2. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, comparability, and sensitivity (PARCCS) are discussed for each analytical method by media in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

- "U" - not detected at the value given,
- "UJ" - estimated and not detected at the value given,
- "J" - estimated at the value given,
- "J+" - estimated biased high at the value given,

- "J-" - estimated biased low at the value given,
- "N" - presumptive evidence at the value given, and
- "R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

Groundwater samples were analyzed for VOCs using the USEPA SW-846 8260C analytical method. Certain reported results for the VOC samples were qualified as estimated based upon instrument calibrations. The reported VOC analytical results were 100% complete (i.e., usable) for the groundwater data. PARCCS requirements were met.

1.3.2 Semivolatile Organic Analysis

Groundwater samples were analyzed for SVOCs using the USEPA SW-846 8270D analytical method. The reported results for the SVOC samples did not require qualification resulting from data validation. The reported SVOC analytical results were 100% complete (i.e., usable) for the groundwater data. PARCCS requirements were met.

SECTION 2

DATA VALIDATION REPORT

2.1 GROUNDWATER

Data review has been completed for data packages generated by Chemtech containing analytical results from groundwater samples collected from the site. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. Analytical data were submitted in sample delivery group (SDG) G4676.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic data review. This data validation and usability report is presented by analysis type. The validated laboratory data are presented in Attachment A.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and trip/equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of continuing calibrations as discussed below.

Continuing Calibrations

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) within $\pm 20\%$ with the exception of vinyl chloride (-29.82%D) in the continuing calibrations associated with all samples except MW-10, -11B, -111B, -12B, -13, -17, -18, and -19. Therefore, results for this compound which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Usability

All volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The volatile groundwater data presented by Chemtech were 100% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries and MS/MSD precision and accuracy as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the low acid surrogate recoveries for 2-fluorophenol (QC limit 10-130%R), phenol-d6 (QC limit 10-130%R), and 2,4,6-tribromophenol (QC limit 25-155%R) in sample MW-16 (9%R, 7%R, and 21%R, respectively). This sample was reanalyzed at a dilution and yielded compliant surrogate recoveries. Therefore, the diluted acid fraction sample results were reported for this sample in the validated laboratory data table in Attachment A.

MS/MSD Precision and Accuracy

All precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits during the spiked analyses of sample MW-11B with the exception of the MS/MSD precision results for 4-chloroaniline (101%RPD; QC limit 0-20%RPD), 3-nitroaniline (90%RPD; QC limit 0-20%RPD), and 3,3'-dichlorobenzidine (42%RPD; QC limit 0-20%RPD). Validation qualification of the parent sample was not required for these compounds.

Usability

All semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The groundwater semivolatile data presented by Chemtech were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A.

ATTACHMENT A

VALIDATED LABORATORY DATA

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20151202 G4676-05 CTECH G4676 WATER 12/2/2015 9:20 1/21/2016	MW-7 MW-7-20151201 G4676-01 CTECH G4676 WATER 12/1/2015 13:55 1/21/2016	MW-8 MW-8-20151203 G4676-18 CTECH G4676 WATER 12/3/2015 14:45 1/21/2016	MW-9 MW-9-20151203 G4676-15 CTECH G4676 WATER 12/3/2015 11:40 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	5 U	5 U	5 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
107-06-2	1,2-DICHLOROETHANE	ug/l	5 U	5 U	5 U	0.97 J
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	100 U	100 U	100 U
591-78-6	2-HEXANONE	ug/l	25 U	25 U	25 U	25 U
67-64-1	ACETONE	ug/l	25 U	25 U	25 U	25 U
71-43-2	BENZENE	ug/l	8.8	5 U	5 U	3.4 J
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-25-2	BROMOFORM	ug/l	5 U	5 U	5 U	5 U
74-83-9	BROMOMETHANE	ug/l	5 U	5 U	5 U	5 U
75-15-0	CARBON DISULFIDE	ug/l	5 U	5 U	5 U	5 U
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	5 U	5 U	5 U
108-90-7	CHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
75-00-3	CHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
67-66-3	CHLOROFORM	ug/l	5 U	5 U	5 U	5 U
74-87-3	CHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	5 U	5 U	5 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
110-82-7	CYCLOHEXANE	ug/l	5 U	5 U	5 U	5 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
100-41-4	ETHYLBENZENE	ug/l	2 J	5 U	5 U	7
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	1.9 J	5 U	1.3 J	0.61 J
179601-23-1	M,P-XYLENE	ug/l	10 U	10 U	10 U	15
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	25 U	25 U	25 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	25 U	25 U	25 U
108-87-2	METHYLCYCLOHEXANE	ug/l	5 U	5 U	0.59 J	0.49 J
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	5 U	5 U	5 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	2.4 J	5 U	5 U	16.5
100-42-5	STYRENE	ug/l	5 U	5 U	0.51 J	15
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	5 U	5 U	5 U	3.6 J
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	5 U	5 U	5 U	5 U
108-88-3	TOLUENE	ug/l	0.39 J	5 U	0.5 J	71.8
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	5 U	5 U	5 U	0.45 J
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-01-4	VINYL CHLORIDE	ug/l	5 UJ	5 UJ	5 UJ	5 UJ

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20151202 G4676-05 CTECH G4676 WATER 12/2/2015 9:20 1/21/2016	MW-7 MW-7-20151201 G4676-01 CTECH G4676 WATER 12/1/2015 13:55 1/21/2016	MW-8 MW-8-20151203 G4676-18 CTECH G4676 WATER 12/3/2015 14:45 1/21/2016	MW-9 MW-9-20151203 G4676-15 CTECH G4676 WATER 12/3/2015 11:40 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
51-28-5	2,4-DINITROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
121-14-2	2,4-DINITROTOLUENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
606-20-2	2,6-DINITROTOLUENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
95-57-8	2-CHLOROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10.2 U	10.2 U	10.1 U	5.3 J
88-74-4	2-NITROANILINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
88-75-5	2-NITROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
MEPH3MEPH3-	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
99-09-2	3-NITROANILINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
106-47-8	4-CHLOROANILINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
100-01-6	4-NITROANILINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
100-02-7	4-NITROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
83-32-9	ACENAPHTHENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
208-96-8	ACENAPHTHYLENE	ug/l	10.2 U	10.2 U	10.1 U	4.1 J
98-86-2	ACETOPHENONE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
120-12-7	ANTHRACENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
1912-24-9	ATRAZINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
100-52-7	BENZALDEHYDE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
50-32-8	BENZO(A)PYRENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
105-60-2	CAPROLACTAM	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
86-74-8	CARBAZOLE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
218-01-9	CHRYSENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
132-64-9	DIBENZOFURAN	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
84-66-2	DIETHYL PHTHALATE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
131-11-3	DIMETHYL PHTHALATE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
206-44-0	FLUORANTHENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
86-73-7	FLUORENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
118-74-1	HEXACHLOROBENZENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
67-72-1	HEXACHLOROETHANE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
78-59-1	ISOPHORONE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
91-20-3	NAPHTHALENE	ug/l	10.2 U	10.2 U	10.1 U	53.6
98-95-3	NITROBENZENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
87-86-5	PENTACHLOROPHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
85-01-8	PHENANTHRENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
108-95-2	PHENOL	ug/l	10.2 U	10.2 U	10.1 U	10.3 U
129-00-0	PYRENE	ug/l	10.2 U	10.2 U	10.1 U	10.3 U

							Dup of MW-11B-20151202
Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-10 MW-10-20151203 G4676-17 CTECH G4676 WATER 12/3/2015 13:50 1/21/2016	MW-11A MW-11A-20151202 G4676-07 CTECH G4676 WATER 12/2/2015 12:50 1/21/2016	MW-11B MW-11B-20151202 G4676-11 CTECH G4676 WATER 12/2/2015 15:15 1/21/2016	MW-11B MW-11B-20151202 G4676-14 CTECH G4676 WATER 12/2/2015 15:15 1/21/2016	
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U	
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	5 U	5 U	5 U	
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	5 U	5 U	5 U	
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U	
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U	
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U	
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U	
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U	
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	5 U	5 U	5 U	
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U	
107-06-2	1,2-DICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U	
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U	
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U	
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U	
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	100 U	100 U	100 U	
591-78-6	2-HEXANONE	ug/l	25 U	25 U	25 U	25 U	
67-64-1	ACETONE	ug/l	25 U	25 U	25 U	25 U	
71-43-2	BENZENE	ug/l	5 U	5 U	5 U	5 U	
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U	
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U	
75-25-2	BROMOFORM	ug/l	5 U	5 U	5 U	5 U	
74-83-9	BROMOMETHANE	ug/l	5 U	5 U	5 U	5 U	
75-15-0	CARBON DISULFIDE	ug/l	5 U	5 U	5 U	5 U	
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	5 U	5 U	5 U	
108-90-7	CHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U	
75-00-3	CHLOROETHANE	ug/l	5 U	5 U	5 U	5 U	
67-66-3	CHLOROFORM	ug/l	5 U	5 U	5 U	5 U	
74-87-3	CHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U	
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	5 U	5 U	5 U	
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U	
110-82-7	CYCLOHEXANE	ug/l	5 U	5 U	5 U	5 U	
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U	
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U	
100-41-4	ETHYLBENZENE	ug/l	5 U	5 U	5 U	5 U	
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	5 U	5 U	5 U	5 U	
179601-23-1	M,P-XYLENE	ug/l	10 U	10 U	10 U	10 U	
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U	
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	25 U	25 U	25 U	
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	25 U	25 U	25 U	
108-87-2	METHYLCYCLOHEXANE	ug/l	5 U	5 U	5 U	5 U	
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	5 U	5 U	5 U	
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	5 U	5 U	5 U	5 U	
100-42-5	STYRENE	ug/l	5 U	5 U	5 U	5 U	
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	5 U	5 U	5 U	5 U	
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	5 U	5 U	5 U	5 U	
108-88-3	TOLUENE	ug/l	5 U	5 U	5 U	5 U	
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U	
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U	
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	5 U	5 U	5 U	5 U	
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U	
75-01-4	VINYL CHLORIDE	ug/l	5 U	5 UJ	5 U	5 U	

							Dup of MW-11B-20151202
Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-10 MW-10-20151203 G4676-17 CTECH G4676 WATER 12/3/2015 13:50 1/21/2016	MW-11A MW-11A-20151202 G4676-07 CTECH G4676 WATER 12/2/2015 12:50 1/21/2016	MW-11B MW-11B-20151202 G4676-11 CTECH G4676 WATER 12/2/2015 15:15 1/21/2016	MW-11B MW-11B-20151202 G4676-14 CTECH G4676 WATER 12/2/2015 15:15 1/21/2016	
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	10.2 U		10.3 U	10.2 U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
120-83-2	2,4-DICHLOROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
51-28-5	2,4-DINITROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
121-14-2	2,4-DINITROTOLUENE	ug/l	10.2 U		10.3 U	10.2 U	
606-20-2	2,6-DINITROTOLUENE	ug/l	10.2 U		10.3 U	10.2 U	
91-58-7	2-CHLORONAPHTHALENE	ug/l	10.2 U		10.3 U	10.2 U	
95-57-8	2-CHLOROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
91-57-6	2-METHYLNAPHTHALENE	ug/l	10.2 U		10.3 U	10.2 U	
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10.2 U		10.3 U	10.2 U	
88-74-4	2-NITROANILINE	ug/l	10.2 U		10.3 U	10.2 U	
88-75-5	2-NITROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	10.2 U		10.3 U	10.2 U	
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10.2 U		10.3 U	10.2 U	
99-09-2	3-NITROANILINE	ug/l	10.2 U		10.3 U	10.2 U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10.2 U		10.3 U	10.2 U	
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
106-47-8	4-CHLOROANILINE	ug/l	10.2 U		10.3 U	10.2 U	
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10.2 U		10.3 U	10.2 U	
100-01-6	4-NITROANILINE	ug/l	10.2 U		10.3 U	10.2 U	
100-02-7	4-NITROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
83-32-9	ACENAPHTHENE	ug/l	10.2 U		10.3 U	10.2 U	
208-96-8	ACENAPHTHYLENE	ug/l	10.2 U		10.3 U	10.2 U	
98-86-2	ACETOPHENONE	ug/l	10.2 U		10.3 U	10.2 U	
120-12-7	ANTHRACENE	ug/l	10.2 U		10.3 U	10.2 U	
1912-24-9	ATRAZINE	ug/l	10.2 U		10.3 U	10.2 U	
100-52-7	BENZALDEHYDE	ug/l	10.2 U		10.3 U	10.2 U	
56-55-3	BENZO(A)ANTHRACENE	ug/l	10.2 U		10.3 U	10.2 U	
50-32-8	BENZO(A)PYRENE	ug/l	10.2 U		10.3 U	10.2 U	
205-99-2	BENZO(B)FLUORANTHENE	ug/l	10.2 U		10.3 U	10.2 U	
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	10.2 U		10.3 U	10.2 U	
207-08-9	BENZO(K)FLUORANTHENE	ug/l	10.2 U		10.3 U	10.2 U	
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10.2 U		10.3 U	10.2 U	
92-52-4	BIPHENYL (DIPHENYL)	ug/l	10.2 U		10.3 U	10.2 U	
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10.2 U		10.3 U	10.2 U	
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	10.2 U		10.3 U	10.2 U	
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10.2 U		10.3 U	10.2 U	
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	10.2 U		10.3 U	10.2 U	
105-60-2	CAPROLACTAM	ug/l	10.2 U		10.3 U	10.2 U	
86-74-8	CARBAZOLE	ug/l	10.2 U		10.3 U	10.2 U	
218-01-9	CHRYSENE	ug/l	10.2 U		10.3 U	10.2 U	
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	10.2 U		10.3 U	10.2 U	
132-64-9	DIBENZOFURAN	ug/l	10.2 U		10.3 U	10.2 U	
84-66-2	DIETHYL PHTHALATE	ug/l	10.2 U		10.3 U	10.2 U	
131-11-3	DIMETHYL PHTHALATE	ug/l	10.2 U		10.3 U	10.2 U	
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10.2 U		10.3 U	10.2 U	
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10.2 U		10.3 U	10.2 U	
206-44-0	FLUORANTHENE	ug/l	10.2 U		10.3 U	10.2 U	
86-73-7	FLUORENE	ug/l	10.2 U		10.3 U	10.2 U	
118-74-1	HEXACHLOROBENZENE	ug/l	10.2 U		10.3 U	10.2 U	
87-68-3	HEXACHLOROBUTADIENE	ug/l	10.2 U		10.3 U	10.2 U	
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10.2 U		10.3 U	10.2 U	
67-72-1	HEXACHLOROETHANE	ug/l	10.2 U		10.3 U	10.2 U	
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	10.2 U		10.3 U	10.2 U	
78-59-1	ISOPHORONE	ug/l	10.2 U		10.3 U	10.2 U	
91-20-3	NAPHTHALENE	ug/l	10.2 U		10.3 U	10.2 U	
98-95-3	NITROBENZENE	ug/l	10.2 U		10.3 U	10.2 U	
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	10.2 U		10.3 U	10.2 U	
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10.2 U		10.3 U	10.2 U	
87-86-5	PENTACHLOROPHENOL	ug/l	10.2 U		10.3 U	10.2 U	
85-01-8	PHENANTHRENE	ug/l	10.2 U		10.3 U	10.2 U	
108-95-2	PHENOL	ug/l	10.2 U		10.3 U	10.2 U	
129-00-0	PYRENE	ug/l	10.2 U		10.3 U	10.2 U	

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-11C MW-11C-20151202 G4676-08 CTECH G4676 WATER 12/2/2015 13:30 1/21/2016	MW-12A MW-12A-20151204 G4676-20 CTECH G4676 WATER 12/4/2015 9:35 1/21/2016	MW-12B MW-12B-20151204 G4676-22 CTECH G4676 WATER 12/4/2015 11:25 1/21/2016	MW-13 MW-13-20151204 G4676-24 CTECH G4676 WATER 12/4/2015 13:10 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	5 U	5 U	5 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
107-06-2	1,2-DICHLOROETHANE	ug/l	5 U	5 U	5 U	2.4 J
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	100 U	100 U	100 U
591-78-6	2-HEXANONE	ug/l	25 U	25 U	25 U	25 U
67-64-1	ACETONE	ug/l	25 U	25 U	25 U	25 U
71-43-2	BENZENE	ug/l	5 U	5 U	5 U	5 U
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-25-2	BROMOFORM	ug/l	5 U	5 U	5 U	5 U
74-83-9	BROMOMETHANE	ug/l	5 U	5 U	5 U	5 U
75-15-0	CARBON DISULFIDE	ug/l	0.46 J	5 U	5 U	5 U
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	5 U	5 U	5 U
108-90-7	CHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
75-00-3	CHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
67-66-3	CHLOROFORM	ug/l	5 U	5 U	5 U	5 U
74-87-3	CHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	5 U	5 U	5 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
110-82-7	CYCLOHEXANE	ug/l	34.6	5 U	5 U	5 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
100-41-4	ETHYLBENZENE	ug/l	140	5 U	5 U	5 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	15.9	5 U	5 U	5 U
179601-23-1	M,P-XYLENE	ug/l	960	10 U	10 U	10 U
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	25 U	25 U	25 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	25 U	25 U	25 U
108-87-2	METHYLCYCLOHEXANE	ug/l	56.1	5 U	5 U	5 U
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	5 U	5 U	5 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	510	5 U	5 U	5 U
100-42-5	STYRENE	ug/l	290	5 U	5 U	5 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	5 U	5 U	5 U	210
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	4.6 J	5 U	5 U	5 U
108-88-3	TOLUENE	ug/l	0.37 J	5 U	5 U	5 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	2.9 J	5 U	5 U	5 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-01-4	VINYL CHLORIDE	ug/l	5 UJ	5 UJ	5 U	5 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-11C MW-11C-20151202 G4676-08 CTECH G4676 WATER 12/2/2015 13:30 1/21/2016	MW-12A MW-12A-20151204 G4676-20 CTECH G4676 WATER 12/4/2015 9:35 1/21/2016	MW-12B MW-12B-20151204 G4676-22 CTECH G4676 WATER 12/4/2015 11:25 1/21/2016	MW-13 MW-13-20151204 G4676-24 CTECH G4676 WATER 12/4/2015 13:10 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
51-28-5	2,4-DINITROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
121-14-2	2,4-DINITROTOLUENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
606-20-2	2,6-DINITROTOLUENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
95-57-8	2-CHLOROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	570 J	10.2 U	10.2 U	10.2 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
88-74-4	2-NITROANILINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
88-75-5	2-NITROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
99-09-2	3-NITROANILINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
106-47-8	4-CHLOROANILINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
100-01-6	4-NITROANILINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
100-02-7	4-NITROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
83-32-9	ACENAPHTHENE	ug/l	12.7	10.2 U	10.2 U	10.2 U
208-96-8	ACENAPHTHYLENE	ug/l	65.9	10.2 U	10.2 U	10.2 U
98-86-2	ACETOPHENONE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
120-12-7	ANTHRACENE	ug/l	3.5 J	10.2 U	10.2 U	10.2 U
1912-24-9	ATRAZINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
100-52-7	BENZALDEHYDE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
50-32-8	BENZO(A)PYRENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	44.9	10.2 U	10.2 U	10.2 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
105-60-2	CAPROLACTAM	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
86-74-8	CARBAZOLE	ug/l	6.7 J	10.2 U	10.2 U	10.2 U
218-01-9	CHRYSENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
132-64-9	DIBENZOFURAN	ug/l	3 J	10.2 U	10.2 U	10.2 U
84-66-2	DIETHYL PHTHALATE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
131-11-3	DIMETHYL PHTHALATE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
206-44-0	FLUORANTHENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
86-73-7	FLUORENE	ug/l	31.2	10.2 U	10.2 U	10.2 U
118-74-1	HEXACHLOROBENZENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
67-72-1	HEXACHLOROETHANE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
78-59-1	ISOPHORONE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
91-20-3	NAPHTHALENE	ug/l	9500	10.2 U	2.7 J	10.2 U
98-95-3	NITROBENZENE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
87-86-5	PENTACHLOROPHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
85-01-8	PHENANTHRENE	ug/l	31.4	10.2 U	10.2 U	10.2 U
108-95-2	PHENOL	ug/l	10.1 U	10.2 U	10.2 U	10.2 U
129-00-0	PYRENE	ug/l	2.3 J	10.2 U	10.2 U	10.2 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-14 MW-14-20151203 G4676-16 CTECH G4676 WATER 12/3/2015 14:00 1/21/2016	MW-15 MW-15-20151204 G4676-19 CTECH G4676 WATER 12/4/2015 9:40 1/21/2016	MW-16 MW-16-20151203 G4676-10 CTECH G4676 WATER 12/3/2015 10:05 1/21/2016	MW-17 MW-17-20151203 G4676-09 CTECH G4676 WATER 12/3/2015 9:10 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	5 U	5 U	5 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
107-06-2	1,2-DICHLOROETHANE	ug/l	5 U	4.7 J	5 U	5 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	100 U	100 U	100 U
591-78-6	2-HEXANONE	ug/l	25 U	25 U	25 U	25 U
67-64-1	ACETONE	ug/l	25 U	25 U	25 U	25 U
71-43-2	BENZENE	ug/l	12.2	0.65 J	63	5 U
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-25-2	BROMOFORM	ug/l	5 U	5 U	5 U	5 U
74-83-9	BROMOMETHANE	ug/l	5 U	5 U	5 U	5 U
75-15-0	CARBON DISULFIDE	ug/l	0.21 J	5 U	5 U	5 U
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	5 U	5 U	5 U
108-90-7	CHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
75-00-3	CHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
67-66-3	CHLOROFORM	ug/l	5 U	5 U	5 U	5 U
74-87-3	CHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	5 U	5 U	5 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
110-82-7	CYCLOHEXANE	ug/l	14.3	5 U	20.6	5 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
100-41-4	ETHYLBENZENE	ug/l	160	5.7	180	5 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	4 J	0.5 J	11.2	5 U
179601-23-1	M,P-XYLENE	ug/l	560	12.6	670	10 U
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	25 U	25 U	25 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	25 U	25 U	25 U
108-87-2	METHYLCYCLOHEXANE	ug/l	16.1	0.61 J	31.7	5 U
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	5 U	5 U	5 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	410	12.3	530	5 U
100-42-5	STYRENE	ug/l	1000	30.2	850	5 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	3.6 J	190	5 U	5 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	5 U	5 U	1.4 J	5 U
108-88-3	TOLUENE	ug/l	1500	32.2	1400	5 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	5 U	5 U	1.2 J	5 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-01-4	VINYL CHLORIDE	ug/l	5 UJ	5 UJ	5 UJ	5 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-14 MW-14-20151203 G4676-16 CTECH G4676 WATER 12/3/2015 14:00 1/21/2016	MW-15 MW-15-20151204 G4676-19 CTECH G4676 WATER 12/4/2015 9:40 1/21/2016	MW-16 MW-16-20151203 G4676-10 CTECH G4676 WATER 12/3/2015 10:05 1/21/2016	MW-17 MW-17-20151203 G4676-09 CTECH G4676 WATER 12/3/2015 9:10 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
51-28-5	2,4-DINITROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
121-14-2	2,4-DINITROTOLUENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
606-20-2	2,6-DINITROTOLUENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
95-57-8	2-CHLOROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	200	10.3 U	29.3	10.4 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10.4 U	10.3 U	260 U	10.4 U
88-74-4	2-NITROANILINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
88-75-5	2-NITROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	10.4 U	10.3 U	260 U	10.4 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
99-09-2	3-NITROANILINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
106-47-8	4-CHLOROANILINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
100-01-6	4-NITROANILINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
100-02-7	4-NITROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
83-32-9	ACENAPHTHENE	ug/l	6.7 J	10.3 U	10.2 U	10.4 U
208-96-8	ACENAPHTHYLENE	ug/l	130	4.4 J	11.5	10.4 U
98-86-2	ACETOPHENONE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
120-12-7	ANTHRACENE	ug/l	2.7 J	10.3 U	10.2 U	10.4 U
1912-24-9	ATRAZINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
100-52-7	BENZALDEHYDE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
50-32-8	BENZO(A)PYRENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
191-24-2	BENZO(G,H)PERYLENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	21.4	10.3 U	3.4 J	10.4 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
105-60-2	CAPROLACTAM	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
86-74-8	CARBAZOLE	ug/l	3 J	10.3 U	10.2 U	10.4 U
218-01-9	CHRYSENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
132-64-9	DIBENZOFURAN	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
84-66-2	DIETHYL PHTHALATE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
131-11-3	DIMETHYL PHTHALATE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
206-44-0	FLUORANTHENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
86-73-7	FLUORENE	ug/l	12.3	10.3 U	10.2 U	10.4 U
118-74-1	HEXACHLOROBENZENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
67-72-1	HEXACHLOROETHANE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
78-59-1	ISOPHORONE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
91-20-3	NAPHTHALENE	ug/l	3200	91.3	480	10.4 U
98-95-3	NITROBENZENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U
87-86-5	PENTACHLOROPHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
85-01-8	PHENANTHRENE	ug/l	21	10.3 U	3.1 J	10.4 U
108-95-2	PHENOL	ug/l	10.4 U	10.3 U	260 U	10.4 U
129-00-0	PYRENE	ug/l	10.4 U	10.3 U	10.2 U	10.4 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18-20151204 G4676-23 CTECH G4676 WATER 12/4/2015 12:10 1/21/2016	MW-19 MW-19-20151204 G4676-21 CTECH G4676 WATER 12/4/2015 11:05 1/21/2016	MW-20 MW-20-20151202 G4676-06 CTECH G4676 WATER 12/2/2015 10:30 1/21/2016	MW-101 MW-101-20151201 G4676-02 CTECH G4676 WATER 12/1/2015 15:00 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	5 U	5 U	5 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	5 U	5 U	5 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.73 J	5 U	5 U	5 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	5 U	5 U	5 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	100 U	100 U	100 U
591-78-6	2-HEXANONE	ug/l	25 U	25 U	25 U	25 U
67-64-1	ACETONE	ug/l	25 U	25 U	25 U	25 U
71-43-2	BENZENE	ug/l	20.7	5 U	5 U	11.3
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-25-2	BROMOFORM	ug/l	5 U	5 U	5 U	5 U
74-83-9	BROMOMETHANE	ug/l	5 U	5 U	5 U	5 U
75-15-0	CARBON DISULFIDE	ug/l	5 U	5 U	5 U	5 U
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	5 U	5 U	5 U
108-90-7	CHLOROBENZENE	ug/l	5 U	5 U	5 U	5 U
75-00-3	CHLOROETHANE	ug/l	5 U	5 U	5 U	5 U
67-66-3	CHLOROFORM	ug/l	5 U	5 U	5 U	5 U
74-87-3	CHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	5 U	5 U	5 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
110-82-7	CYCLOHEXANE	ug/l	5 U	5 U	5 U	3.3 J
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
100-41-4	ETHYLBENZENE	ug/l	1.1 J	5 U	5 U	0.26 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	1.4 J	5 U	5 U	5 U
179601-23-1	M,P-XYLENE	ug/l	3.5 J	10 U	10 U	10 U
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	25 U	25 U	25 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	25 U	25 U	25 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.58 J	5 U	5 U	5 U
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	5 U	5 U	5 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	23.3	5 U	5 U	0.47 J
100-42-5	STYRENE	ug/l	5 U	5 U	5 U	5 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	2.8 J	5 U	5 U	5 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.36 J	5 U	5 U	5 U
108-88-3	TOLUENE	ug/l	4.3 J	5 U	5 U	5 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	5 U	5 U	5 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U	5 U	5 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.89 J	5 U	5 U	5 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	5 U	5 U	5 U
75-01-4	VINYL CHLORIDE	ug/l	5 U	5 U	5 UJ	5 UJ

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18-20151204 G4676-23 CTECH G4676 WATER 12/4/2015 12:10 1/21/2016	MW-19 MW-19-20151204 G4676-21 CTECH G4676 WATER 12/4/2015 11:05 1/21/2016	MW-20 MW-20-20151202 G4676-06 CTECH G4676 WATER 12/2/2015 10:30 1/21/2016	MW-101 MW-101-20151201 G4676-02 CTECH G4676 WATER 12/1/2015 15:00 1/21/2016
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
51-28-5	2,4-DINITROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
121-14-2	2,4-DINITROTOLUENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
606-20-2	2,6-DINITROTOLUENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
95-57-8	2-CHLOROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
88-74-4	2-NITROANILINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
88-75-5	2-NITROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
99-09-2	3-NITROANILINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
106-47-8	4-CHLOROANILINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
100-01-6	4-NITROANILINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
100-02-7	4-NITROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
83-32-9	ACENAPHTHENE	ug/l	10.1 U	10.3 U	10.3 U	27.3
208-96-8	ACENAPHTHYLENE	ug/l	6.1 J	10.3 U	10.3 U	10.3 U
98-86-2	ACETOPHENONE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
120-12-7	ANTHRACENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
1912-24-9	ATRAZINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
100-52-7	BENZALDEHYDE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
50-32-8	BENZO(A)PYRENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
105-60-2	CAPROLACTAM	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
86-74-8	CARBAZOLE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
218-01-9	CHRYSENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
132-64-9	DIBENZOFURAN	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
84-66-2	DIETHYL PHTHALATE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
131-11-3	DIMETHYL PHTHALATE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
206-44-0	FLUORANTHENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
86-73-7	FLUORENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
118-74-1	HEXACHLOROBENZENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
67-72-1	HEXACHLOROETHANE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
78-59-1	ISOPHORONE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
91-20-3	NAPHTHALENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
98-95-3	NITROBENZENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
87-86-5	PENTACHLOROPHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
85-01-8	PHENANTHRENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
108-95-2	PHENOL	ug/l	10.1 U	10.3 U	10.3 U	10.3 U
129-00-0	PYRENE	ug/l	10.1 U	10.3 U	10.3 U	10.3 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	FIELDQC FB-120115 G4676-03 CTECH G4676 WATER 12/1/2015 15:15 1/21/2016	FIELDQC TB-120115 G4676-04 CTECH G4676 WATER 12/1/2015 0:00 1/21/2016
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	5 U	5 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	5 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	5 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	5 U
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	5 U
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	5 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	5 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	5 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	5 U
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	5 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	5 U
107-06-2	1,2-DICHLOROETHANE	ug/l	5 U	5 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	5 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	5 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	5 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	100 U
591-78-6	2-HEXANONE	ug/l	25 U	25 U
67-64-1	ACETONE	ug/l	25 U	25 U
71-43-2	BENZENE	ug/l	5 U	5 U
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	5 U
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	5 U
75-25-2	BROMOFORM	ug/l	5 U	5 U
74-83-9	BROMOMETHANE	ug/l	5 U	5 U
75-15-0	CARBON DISULFIDE	ug/l	5 U	5 U
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	5 U
108-90-7	CHLOROBENZENE	ug/l	5 U	5 U
75-00-3	CHLOROETHANE	ug/l	5 U	5 U
67-66-3	CHLOROFORM	ug/l	5 U	5 U
74-87-3	CHLOROMETHANE	ug/l	5 U	5 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	5 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U
110-82-7	CYCLOHEXANE	ug/l	5 U	5 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	5 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	5 U
100-41-4	ETHYLBENZENE	ug/l	5 U	5 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	5 U	5 U
179601-23-1	M,P-XYLENE	ug/l	10 U	10 U
79-20-9	METHYL ACETATE	ug/l	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	25 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	25 U
108-87-2	METHYLCYCLOHEXANE	ug/l	5 U	5 U
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	5 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	5 U	5 U
100-42-5	STYRENE	ug/l	5 U	5 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	5 U	5 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	5 U	5 U
108-88-3	TOLUENE	ug/l	5 U	5 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	5 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	5 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	5 U	5 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	5 U
75-01-4	VINYL CHLORIDE	ug/l	5 UJ	5 UJ

Con Ed - White Plains Validated Groundwater Analytical Data December 2015 SDG: G4676		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	FIELDQC FB-120115 G4676-03 CTECH G4676 WATER 12/1/2015 15:15 1/21/2016	FIELDQC TB-120115 G4676-04 CTECH G4676 WATER 12/1/2015 0:00 1/21/2016
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	10.4 U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	10.4 U	
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10.4 U	
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10.4 U	
120-83-2	2,4-DICHLOROPHENOL	ug/l	10.4 U	
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10.4 U	
51-28-5	2,4-DINITROPHENOL	ug/l	10.4 U	
121-14-2	2,4-DINITROTOLUENE	ug/l	10.4 U	
606-20-2	2,6-DINITROTOLUENE	ug/l	10.4 U	
91-58-7	2-CHLORONAPHTHALENE	ug/l	10.4 U	
95-57-8	2-CHLOROPHENOL	ug/l	10.4 U	
91-57-6	2-METHYLNAPHTHALENE	ug/l	10.4 U	
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10.4 U	
88-74-4	2-NITROANILINE	ug/l	10.4 U	
88-75-5	2-NITROPHENOL	ug/l	10.4 U	
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	10.4 U	
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10.4 U	
99-09-2	3-NITROANILINE	ug/l	10.4 U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	10.4 U	
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10.4 U	
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10.4 U	
106-47-8	4-CHLOROANILINE	ug/l	10.4 U	
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10.4 U	
100-01-6	4-NITROANILINE	ug/l	10.4 U	
100-02-7	4-NITROPHENOL	ug/l	10.4 U	
83-32-9	ACENAPHTHENE	ug/l	10.4 U	
208-96-8	ACENAPHTHYLENE	ug/l	10.4 U	
98-86-2	ACETOPHENONE	ug/l	10.4 U	
120-12-7	ANTHRACENE	ug/l	10.4 U	
1912-24-9	ATRAZINE	ug/l	10.4 U	
100-52-7	BENZALDEHYDE	ug/l	10.4 U	
56-55-3	BENZO(A)ANTHRACENE	ug/l	10.4 U	
50-32-8	BENZO(A)PYRENE	ug/l	10.4 U	
205-99-2	BENZO(B)FLUORANTHENE	ug/l	10.4 U	
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	10.4 U	
207-08-9	BENZO(K)FLUORANTHENE	ug/l	10.4 U	
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10.4 U	
92-52-4	BIPHENYL (DIPHENYL)	ug/l	10.4 U	
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10.4 U	
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	10.4 U	
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10.4 U	
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	10.4 U	
105-60-2	CAPROLACTAM	ug/l	10.4 U	
86-74-8	CARBAZOLE	ug/l	10.4 U	
218-01-9	CHRYSENE	ug/l	10.4 U	
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	10.4 U	
132-64-9	DIBENZOFURAN	ug/l	10.4 U	
84-66-2	DIETHYL PHTHALATE	ug/l	10.4 U	
131-11-3	DIMETHYL PHTHALATE	ug/l	10.4 U	
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10.4 U	
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10.4 U	
206-44-0	FLUORANTHENE	ug/l	10.4 U	
86-73-7	FLUORENE	ug/l	10.4 U	
118-74-1	HEXACHLOROBENZENE	ug/l	10.4 U	
87-68-3	HEXACHLOROBUTADIENE	ug/l	10.4 U	
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10.4 U	
67-72-1	HEXACHLOROETHANE	ug/l	10.4 U	
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	10.4 U	
78-59-1	ISOPHORONE	ug/l	10.4 U	
91-20-3	NAPHTHALENE	ug/l	10.4 U	
98-95-3	NITROBENZENE	ug/l	10.4 U	
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	10.4 U	
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10.4 U	
87-86-5	PENTACHLOROPHENOL	ug/l	10.4 U	
85-01-8	PHENANTHRENE	ug/l	10.4 U	
108-95-2	PHENOL	ug/l	10.4 U	
129-00-0	PYRENE	ug/l	10.4 U	