Consolidated Edison Company
of New York, Inc.
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Long Island City, NY 11105-2048
www.conEd.com

October 23, 2020

Mr. Matthew King
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-1011

RE: Consolidated Edison Company of New York, Inc.
June 2020 Groundwater Monitoring Report
White Plains Former Manufactured Gas Plant Site
White Plains, New York
NYSDEC Site #V00438-3

Dear Mr. King

This Groundwater Monitoring Report (GMR) summarizes the June 2020 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 June 22 to June 25, 2020. 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. DNAPL recovery activities were conducted at MW-12C and are summarized below.

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. QA/QC procedures were implemented as described in the NYSDEC approved OU-1 RAWP (Parsons, 2007). Laboratory analyses of groundwater samples were conducted by TestAmerica of Edison, 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, etc.).

Groundwater Level Measurements

Prior to sampling activities, groundwater levels were gauged at the Site's monitoring well locations on June 22, 2020. Recovery wells and peizometers were also gauged on June 22, 2020. 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). Groundwater was encountered in the monitoring wells at elevations ranging from 180.70 (MW-7) to 176.68 (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 3). The groundwater monitoring data indicates that the groundwater flow on the Site remains consistent with past gauging events and generally flows from northeast to southwest.

DNAPL Recovery Activities

Approximately 1.0-feet of DNAPL was present at the bottom of monitoring well MW-12C as presented in Table 1B. DNAPL conditions within MW-12C did not allow for accurate interface probe measurements of water and DNAPL levels. DNAPL was extracted from monitoring well MW-12C utilizing a dedicated submersible whale pump. Approximately twenty (20) gallons of NAPL/water was removed from monitoring well MW-12C including approximately one (1) gallon of DNAPL. Purged liquids from MW-12C were containerized within a separate 55-gallon drum for off-site removal and disposal.

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 by Parsons subcontractor, Clean Earth of South Kearny, New Jersey and disposed of at Clean Earth of South Kearny, New Jersey (a RCRA Part B permitted Transfer, Storage and Disposal Facility (TSDF)).

June 2020 Groundwater Sampling - Field Observations

As described above, DNAPL was observed at MW-12C during the June 2020 groundwater sampling event (see Table 1B). 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. Table 3 presents a summary of total BTEX, total VOC, total PAH, and total SVOC concentrations detected in groundwater samples collected during the June 2020 semi-annual groundwater sampling event, as well as historic sampling events. Analytical results from the groundwater investigation are summarized below.

VOCs

A total of sixteen (16) VOCs were detected at least once in the groundwater samples collected during the June 2020 semi-annual groundwater sampling event. Of these, nine (9) VOCs (isopropylbenzene, styrene, tert-butyl methyl ether, benzene, ethylbenzene, toluene, xylene (total), 1,2-dichloroethane, and trichloroethylene) were detected at concentrations exceeding their AWQSGVs. 1,2-dichloroethane and trichloroethylene are chlorinated Volatile Organic Compounds (CVOCs); along with four (4) additional detected CVOCs which are not MGP-related compounds and are not associated with operations of the former manufactured gas plant. Isopropylbenzene (AKA cumene) was detected above its AWQSGV in five (5) monitoring wells (MW-6, MW-8, MW-11C, MW-14, and MW-16). Styrene was detected above its AWQSGV in three (3) monitoring wells (MW-9, MW-11C, and MW-14). Tert-butyl methyl ether was detected above its AWQSGV in two (2) monitoring well (MW-13 and MW-15). Benzene was detected above its AWQSGV in seven (7) monitoring wells (MW-6, MW-9, MW-14, MW-15, MW-16, MW-18, and MW-101). Ethylbenzene was detected above its AWQSGV in six (6) monitoring wells (MW-6, MW-9, MW-11C, MW-14, MW-15, and MW-16). Toluene was detected above its AWQSGV in four (4) monitoring wells (MW-9, MW-14, MW-15, and MW-16). Total Xylenes was detected above its AWQSGV in seven (7) monitoring wells (MW-6, MW-9, MW-11C, MW-14, MW-15, MW-16, and MW-18).

No VOCs were detected above AWQSGVs in nine (9) monitoring wells (MW-7, 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.

SVOCs

A total of two (2) SVOCs and six (6) PAHs were detected at least once in the groundwater samples collected during the June 2020 semi-annual groundwater sampling event. Of these, no

SVOCs and one (1) PAH (naphthalene) were detected at concentrations exceeding their AWQSGVs. 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 fourteen (14) monitoring wells (MW-6, MW-7, MW-8, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-18, MW-19, MW-20, and MW-101). Groundwater SVOC analytical results are summarized in Table 2.

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

Total BTEX concentrations are within previously detected ranges in each monitoring well with the exception of MW-6 where BTEX concentrations were higher than historic sampling events since 2009; and, MW-13 where BTEX concentrations were lower than historic sampling events. Total VOC concentrations are within previously detected ranges in each monitoring well with the exception of MW-6 and MW-19 where total VOC concentrations were higher than historic sampling events since 2009. BTEX concentrations were at non-detect levels in monitoring wells MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20 during the June 2020 groundwater sampling event.

Total VOC concentrations in monitoring wells MW-7, MW-10, MW-11A, MW-11B, MW-12B, MW-17, MW-19, and MW-20 have frequently been below detection limits during the previous groundwater sampling events. Total VOC concentrations have generally decreased over time in monitoring wells MW-9, MW-11C, MW-12B, MW-13, and MW-101.

Total PAH and SVOC concentrations are within previously detected ranges in each monitoring well. Total SVOC and total PAH concentrations were at non-detect levels in monitoring wells MW-6, MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20 during the June 2020 groundwater sampling event. Total SVOC and total PAH concentrations in monitoring wells MW-6, MW-7, MW-10, MW-11A, MW-

11B, MW-12A, MW-12B, MW-13, MW-17, MW-19, and MW-20 have frequently been below detection limits during the previous groundwater sampling events.

DNAPL continues to be observed within the sump of monitoring well MW-12C. Based on field observations during the June 2020 NAPL recovery at MW-12C, it is recommended that if NAPL is present in the well, it will continue to be removed via pumping during each sampling event.

Based on the results of this groundwater sampling event, the previously identified layer of clean groundwater beneath the St. John's Church property portion of the Site continues to be present. The upper aquifer analytical results from the June 2020 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.

If you have any questions or comments concerning the results documented herein, please contact me at (718) 204-4226.

Sincerely,

Raphael Rosenbaum
Scientist
MGP Remediation
Environment, Health and Safety

Enclosures (figures/tables)
Attachments

cc:

Anthony Perretta, NYSDOH
Jennifer Andaloro, Esq., NYSDEC Albany
Edward Moore, NYSDEC, Region 3
David S. Brown, Archdiocese of New York
Kimberlea Shaw Rea, Bosworth, Gray & Fuller
Rev. Msgr. Neil Graham, St. John's Church
Kenneth Kaiser, P.E., BCEE, PMP, Con Edison

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	7.21	**180.61**	ND	5 - 15	16.05
MW-7	189.51	8.81	**180.70**	ND	7 - 17	15.95
MW-8	202.08	22.45	**179.63**	ND	20 - 40	39.40
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	25.32	**179.28**	ND	16 - 51	44.94
RW-2	200.05	22.47	**177.58**	ND	18 - 48	44.30
RW-3	203.60	24.80	**178.80**	Coal tar on tip	20 - 50	51.88
RW-4	200.90	NA	**NA**	ND	17 - 57	NA
RW-5	200.04	NA	**NA**	ND	14 - 54	NA
RW-6	203.55	24.59	**178.96**	ND	19 - 49	48.80
RW-7	203.97	23.75	**180.22**	ND	17.5 - 47.5	45.68
PZ-1	203.63	24.51	**179.12**	ND	15 - 35	36.50
PZ-2	203.59	24.43	**179.16**	ND	15 - 35	35.40
PZ-3	200.21	23.60	**176.61**	ND	15 - 35	34.85
PZ-4	200.14	23.62	**176.52**	ND	15 - 35	34.60
MW-101	203.07	25.36	**177.71**	ND	NA	60.25

AMSL = Above Mean Sea Level
Gauging conducted on June 22, 2020

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	20.94	**177.51**	ND	NA	40-50	49.72
MW-11A	201.82	24.23	**177.59**	ND	NA	22-27	26.73
MW-11B	201.97	24.46	**177.51**	ND	NA	31-36	35.87
MW-11C	201.74	24.30	**177.44**	ND	NA	40-50	49.85
MW-12A	205.13	27.60	**177.53**	ND	NA	26-31	30.54
MW-12B	204.96	27.54	**177.42**	ND	NA	40-45	44.45
MW-12C	205.14	27.85	**177.29**	~59.40	~1.0	50-60	~60.40
MW-13	204.84	27.66	**177.18**	ND	NA	55-65	64.44
MW-14	205.00	27.93	**177.07**	ND	NA	55 - 65	64.35
MW-15	207.60	30.67	**176.93**	ND	NA	57-67	66.50
MW-16	205.96	28.81	**177.15**	ND	NA	55-65	64.38
MW-17	204.95	27.76	**177.19**	ND	NA	40-50	49.84
MW-9	207.34	30.35	**176.99**	ND	NA	52-62	61.80
MW-18	208.9	32.22	**176.68**	ND	NA	60 - 70	71.6
MW-19	188.24	8.70	**179.54**	ND	NA	5 - 20	20.08
MW-20	191.58	14.45	**177.13**	ND	NA	5 - 20	19.82

AMSL = Above Mean Sea Level
Gauging conducted on June 22, 2020
(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 Grondwater Analytical Data
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-6 MW-6-20200622 460-212076-3 0 - 0 ft TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-7 MW-7-20200622 460-212076-2 0 - 0 ft TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-8 MW-8-20200623 460-212076-12 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-9 MW-9-20200624 460-212076-17 0 - 0 ft TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-10 MW-10-20200623 460-212076-10 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	Duplicate of MW-10-20200623 MW-110 MW-110-20200623 460-212076-11 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020
CAS NO.	COMPOUND								
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/l	6.1	ND	ND	ND	ND	ND
74-87-3	Chloromethane	5	ug/l	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	NS	ug/l	ND	ND	ND	1.1	ND	ND
Acetone	Isopropylbenzene (Cumene)	5	ug/l	9.8	ND	9.5	2.5	ND	ND
108-87-2	Methylcyclohexane	NS	ug/l	0.46 J	ND	8.1	1.1	ND	ND
100-42-5	Styrene	5	ug/l	ND	ND	ND	33	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	ND	2.1	ND	ND
	BTEX								
71-43-2	Benzene	1	ug/l	24	ND	ND	3.8	ND	ND
100-41-4	Ethylbenzene	5	ug/l	14	ND	1.3	12	ND	ND
108-88-3	Toluene	5	ug/l	1.8	ND	ND	73	ND	ND
1330-20-7	Xylenes (Total)	5	ug/l	13	ND	1.4 J	52	ND	ND
	CVOCs								
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	0.71 J	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	0.38 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	ND	ND	ND
	Total VOCs			69.16	0.00	20.30	181.69	0.00	0.00
	SEMIVOLATILES								
92-52-4	Biphenyl (Diphenyl)	5	ug/l	ND	ND	ND	2.2 J	ND	ND
86-74-8	Carbazole	NS	ug/l	ND	ND	ND	ND	ND	ND
	PAHs								
83-32-9	Acenaphthene	20 (G)	ug/l	ND	ND	12	2.4 J	ND	ND
208-96-8	Acenaphthylene	NS	ug/l	ND	ND	ND	12	ND	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	2.7 J	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	ND	ND	ND	2 J	ND	ND
91-20-3	Naphthalene	10 (G)	ug/l	ND	ND	ND	44	ND	ND
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	1.9 J	ND	ND	ND
	Total PAHs			0.00	0.00	16.60	60.40	0.00	0.00
	Total SVOCs			0.00	0.00	16.60	62.60	0.00	0.00

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.
J	Indicates an estimated concentration.
ug/l	Micrograms per liter
TALED	Test America Laboratories, Edison

Table 2
Summary of Grondwater Analytical Data
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-11A MW-11A-20200623 460-212076-9 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-11B MW-11B-20200623 460-212076-7 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-11C MW-11C-20200623 460-212076-8 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-12A MW-12A-20200625 460-212076-20 0 - 0 ft TALED 4602120761 GROUND WATER 6/25/2020 7/17/2020	MW-12B MW-12B-20200625 460-212076-19 0 - 0 ft TALED 4602120761 GROUND WATER 6/25/2020 7/17/2020	MW-13 MW-13-20200624 460-212076-14 0 - 0 ft TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020
CAS NO.	COMPOUND								
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
74-87-3	Chloromethane	5	ug/l	ND	ND	ND	ND	0.4 J	ND
110-82-7	Cyclohexane	NS	ug/l	ND	ND	34	ND	ND	ND
Acetone	Isopropylbenzene (Cumene)	5	ug/l	ND	ND	22	ND	ND	ND
108-87-2	Methylcyclohexane	NS	ug/l	ND	ND	68	ND	ND	ND
100-42-5	Styrene	5	ug/l	ND	ND	140	ND	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	ND	ND	ND	140
	BTEX								
71-43-2	Benzene	1	ug/l	ND	ND	ND	ND	ND	ND
100-41-4	Ethylbenzene	5	ug/l	ND	ND	100	ND	ND	ND
108-88-3	Toluene	5	ug/l	ND	ND	ND	ND	ND	0.41 J
1330-20-7	Xylenes (Total)	5	ug/l	ND	ND	1300	ND	ND	ND
	CVOCs								
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	ND	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethylene (PCE)	5	ug/l	ND	ND	4.2 J	ND	ND	ND
79-01-6	Trichloroethylene (TCE)	5	ug/l	ND	ND	6	ND	ND	ND
	Total VOCs			0.00	0.00	1674.20	0.00	0.40	140.41
	SEMIVOLATILES								
92-52-4	Biphenyl (Diphenyl)	5	ug/l	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	ug/l	ND	ND	ND	ND	ND	ND
	PAHs								
83-32-9	Acenaphthene	20 (G)	ug/l	ND	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	NS	ug/l	ND	ND	ND	ND	ND	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	ND	ND	680 J	ND	ND	ND
91-20-3	Naphthalene	10 (G)	ug/l	ND	ND	11000	ND	ND	1.6 J
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
	Total PAHs			0.00	0.00	11680.00	0.00	0.00	1.60
	Total SVOCs			0.00	0.00	11680.00	0.00	0.00	1.60

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.
J	Indicates an estimated concentration.
ug/l	Micrograms per liter
TALED	Test America Laboratories, Edison

Table 2
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Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-14 MW-14-20200624 460-212076-15 0 - 0 ft TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-15 MW-15-20200624 460-212076-16 0 - 0 ft TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-16 MW-16-20200623 460-212076-13 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-17 MW-17-20200623 460-212076-6 0 - 0 ft TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-18 MW-18-20200624 460-212076-18 0 - 0 ft TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-19 MW-19-20200622 460-212076-1 0 - 0 ft TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020
CAS NO.	COMPOUND								
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/l	ND	ND	ND	ND	ND	6.6
74-87-3	Chloromethane	5	ug/l	ND	ND	ND	ND	ND	0.56 J
110-82-7	Cyclohexane	NS	ug/l	15	3	17	ND	ND	ND
Acetone	Isopropylbenzene (Cumene)	5	ug/l	5.2	5	14	ND	2.8	ND
108-87-2	Methylcyclohexane	NS	ug/l	21	3.2	28	ND	ND	ND
100-42-5	Styrene	5	ug/l	1100	ND	ND	ND	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	2.9 J	32	ND	ND	1.4	ND
	BTEX								
71-43-2	Benzene	1	ug/l	12	4.7	98	ND	3.4	ND
100-41-4	Ethylbenzene	5	ug/l	230	63	170	ND	ND	ND
108-88-3	Toluene	5	ug/l	1900	26	1100	ND	1.2	ND
1330-20-7	Xylenes (Total)	5	ug/l	1500	110	830	ND	8.5	ND
	CVOCs								
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	1.3	ND	ND	0.5 J	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	ND	0.27 J	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	2.6 J	ND	0.51 J	ND
	Total VOCs			4786.10	248.20	2259.60	0.00	18.58	7.16
	SEMIVOLATILES								
92-52-4	Biphenyl (Diphenyl)	5	ug/l	ND	2.2 J	ND	ND	ND	ND
86-74-8	Carbazole	NS	ug/l	ND	ND	ND	ND	ND	ND
	PAHs								
83-32-9	Acenaphthene	20 (G)	ug/l	ND	1.6 J	ND	ND	3.8 J	ND
208-96-8	Acenaphthylene	NS	ug/l	200 J	16	67 J	ND	15	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	330 J	ND	130 J	ND	ND	ND
91-20-3	Naphthalene	10 (G)	ug/l	4900	98	2800	ND	2.1	ND
85-01-8	Phenanthrene	50 (G)	ug/l	33 J	ND	ND	ND	0.66 J	ND
	Total PAHs			5463.00	115.60	2997.00	0.00	21.56	0.00
	Total SVOCs			5463.00	117.80	2997.00	0.00	21.56	0.00

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.
J	Indicates an estimated concentration.
ug/l	Micrograms per liter
TALED	Test America Laboratories, Edison

Table 2
Summary of Grondwater Analytical Data
White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-20 MW-20-20200622 460-212076-4 0 - 0 ft TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-101 MW-101-20200622 460-212076-5 0 - 0 ft TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020
CAS NO.	COMPOUND				
	VOLATILES				
67-64-1	Acetone	50 (G)	ug/l	ND	5.9
74-87-3	Chloromethane	5	ug/l	ND	ND
110-82-7	Cyclohexane	NS	ug/l	ND	2.9
Acetone	Isopropylbenzene (Cumene)	5	ug/l	ND	1.2
108-87-2	Methylcyclohexane	NS	ug/l	ND	0.91 J
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	32
100-41-4	Ethylbenzene	5	ug/l	ND	ND
108-88-3	Toluene	5	ug/l	ND	ND
1330-20-7	Xylenes (Total)	5	ug/l	ND	3.7
	CVOCs				
67-66-3	Chloroform	7	ug/l	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	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 VOCs			0.00	46.61
	SEMIVOLATILES				
92-52-4	Biphenyl (Diphenyl)	5	ug/l	ND	ND
86-74-8	Carbazole	NS	ug/l	ND	1.5 J
	PAHs				
83-32-9	Acenaphthene	20 (G)	ug/l	ND	11
208-96-8	Acenaphthylene	NS	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	1.3 J
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND
	Total PAHs			0.00	12.30
	Total SVOCs			0.00	13.80

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.
J	Indicates an estimated concentration.
ug/l	Micrograms per liter
TALED	Test America Laboratories, Edison

Table 3
Summary of Historic Volatile and Semi-Volatile Organic Compound Sample Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Monitoring Well ID	Compounds	Sample Date (Month/Year)																				
		7/01	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15	5/16	12/16	06/17	12/17	06/18	12/18	05/19	12/19	06/20
MW-6	Total BTEX	353.60	NA	ND	ND	ND	ND	ND	9.66	13.80	ND	8.87	13.59	15.70	2.52	8.13	22.08	15.20	ND	0.81	ND	52.80
	Total VOC	402.10	NA	ND	ND	ND	ND	ND	12.24	15.80	ND	9.86	15.49	17.40	2.52	8.96	38.90	22.40	ND	0.81	ND	69.16
	Total PAH	1094.34	NA	ND	ND	ND	ND	ND	3.50	ND	ND	ND	ND	9.30	ND	3.30	ND	9.20	ND	ND	ND	ND
	Total SVOC	1129.05	NA	ND	ND	ND	ND	15.40	3.50	2.50	ND	ND	ND	12.70	4.50	3.30	ND	9.20	ND	ND	ND	ND
MW-7	Total BTEX	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	28.69	NA	ND	ND	ND	ND	ND	1.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total PAH	0.22	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	27.22	NA	ND	ND	ND	ND	ND	2.80	ND	ND	ND	ND	3.60	6.00	321.00	ND	ND	ND	ND	ND	ND
MW-8	Total BTEX	3.40	NA	2.86	2.00	13.50	10.30	1.61	11.10	2.57	11.80	ND	0.50	5.21	8.00	ND	2.80	10.80	ND	3.40	ND	2.70
	Total VOC	28.93	NA	7.09	2.00	41.48	23.17	8.91	35.50	13.00	39.70	ND	2.90	25.51	31.90	2.30	21.51	45.10	ND	20.70	ND	20.30
	Total PAH	0.20	NA	ND	40.00	769.90	766.30	416.60	750.10	416.60	566.20	ND	ND	1591.80	1196.20	8.50	1271.00	1386.00	ND	1386.00	ND	16.60
	Total SVOC	26.85	NA	ND	85.70	769.90	766.30	416.60	753.70	416.60	568.90	ND	ND	1598.70	1203.90	9.90	1271.00	1386.00	ND	1386.00	ND	16.60
MW-9	Total BTEX	NA	2305.00	374.00	664.00	172.90	53.40	34.51	36.30	189.10	474.10	7.40	113.70	13.60	720.20	7.90	76.30	38.30	167.50	761.00	377.40	140.80
	Total VOC	NA	2987.30	509.64	824.00	383.72	186.27	42.21	44.64	229.00	612.90	14.30	134.80	24.31	875.90	14.25	88.54	46.97	212.87	941.79	478.04	181.69
	Total PAH	NA	1275.40	49.80	400.00	189.40	21.20	14.30	27.40	88.30	19.00	ND	57.70	7.60	783.20	2.30	79.80	39.60	118.30	456.00	288.80	60.40
	Total SVOC	NA	1287.00	49.80	800.00	189.40	21.20	14.30	27.40	93.80	19.00	ND	63.00	7.60	783.20	2.30	83.90	42.20	119.50	456.00	288.80	62.60
MW-10	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.02	ND	ND	ND	0.53	ND	ND	ND	ND	ND	0.64	ND
	Total VOC	NA	5.10	0.61	ND	0.62	0.84	ND	2.12	ND	2.82	ND	ND	ND	3.83	ND	ND	ND	ND	ND	0.64	ND
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.60	ND
	Total SVOC	NA	4.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.10	ND	ND	ND	ND	ND	5.60	ND
MW-11A	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	2.90	ND	ND	ND	ND	ND	2.60	ND	ND	ND	ND	ND	ND	ND	0.32	0.29	ND	ND	ND	ND
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	2.80	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	3.20	ND	2.80	ND	ND	ND	ND	ND	ND
MW-11B	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	2.90	ND	ND	ND	ND	ND	1.30	0.81	ND	ND	ND	ND	ND	ND	0.24	ND	ND	ND	ND	ND
	Total PAH	NA	5.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	5.70	ND	ND	ND	ND	ND	ND	ND	ND	8.40	ND	2.40	ND	1.00	ND	ND	ND	ND	ND	ND
MW-11C	Total BTEX	NA	5711.30	4051.80	3160.00	4751.40	5201.60	2861.55	3835.10	1910.00	2530.00	2332.90	1610.40	2063.20	3562.70	1017.00	1740.00	1840.00	1620.00	1934.00	1502.30	1400.00
	Total VOC	NA	7294.30	5095.80	3900.00	10668.8	6373.60	3473.15	4630.80	2341.00	3107.50	2852.80	2014.90	2552.90	4291.90	1227.40	2129.50	2199.50	1954.90	2290.70	1775.40	1674.20
	Total PAH	NA	16130.20	7605.90	6380.00	16139.00	13636.0	11759.90	12821.00	11883.00	9490.00	16382.0	10217.00	34790.9	17088.0	7644.00	11550.00	9980.00	5180.00	13849.00	11670.00	11680.00
	Total SVOC	NA	16209.9	7664.00	12760.0	16206.0	13712.00	11831.70	12879.0	11943.00	9554.30	16450.0	10271.60	34877.8	17158.10	7679.00	11550.00	9980.00	5180.00	13849.00	11670.00	11680.00

Table 3
Summary of Historic Volatile and Semi-Volatile Organic Compound Sample Results
White Plains Former MGP Site
Consolidated Edison Company of New York

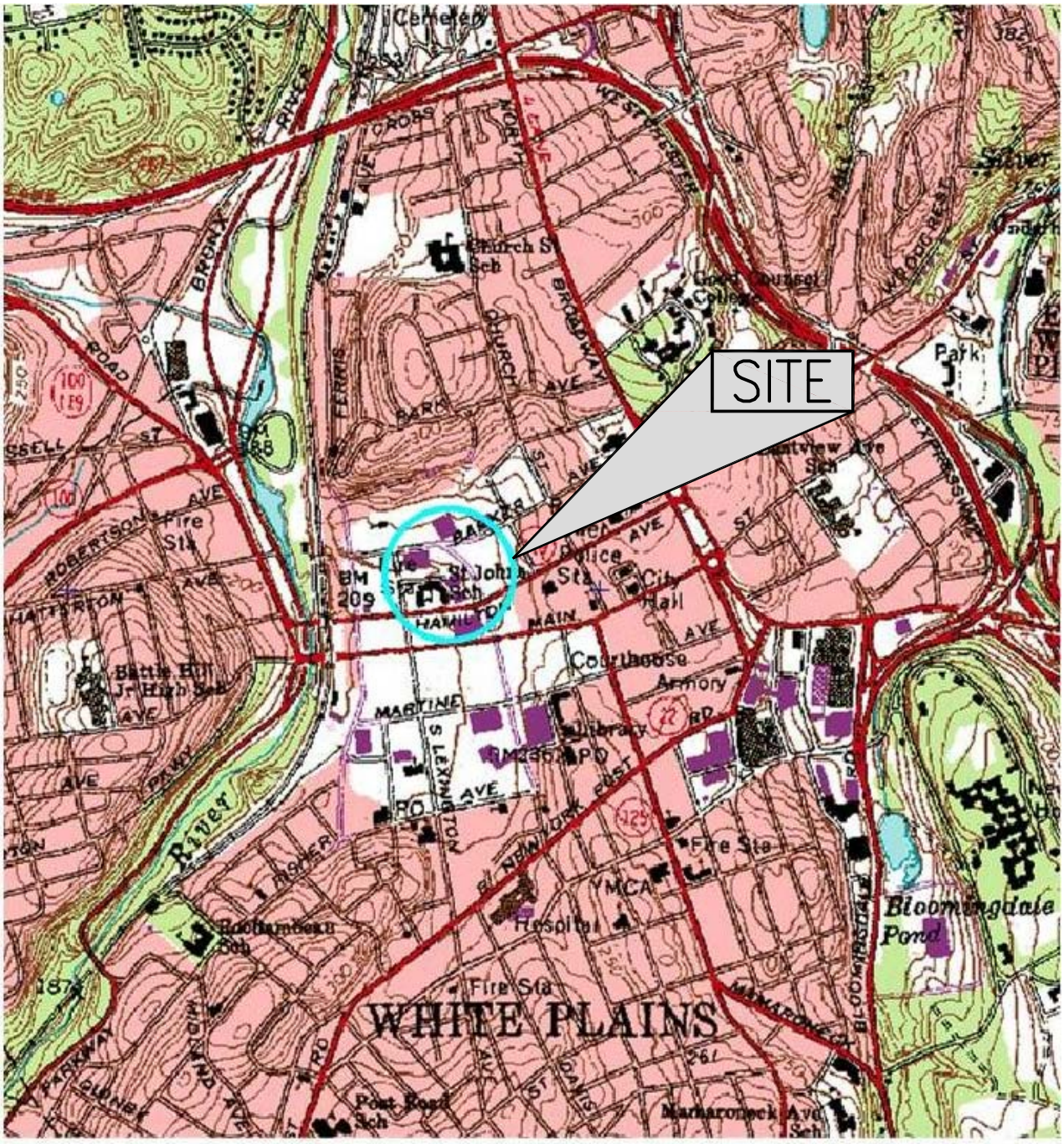
Monitoring Well ID	Compounds	Sample Date (Month/Year)																				
		7/01	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15	5/16	12/16	06/17	12/17	06/18	12/18	05/19	12/19	06/20
MW-12A	Total BTEX	NA	ND	23.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.51	1.51	ND	ND	ND	ND	ND	ND
	Total VOC	NA	ND	31.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.25	7.50	2.86	1.90	0.98	0.71	ND	ND
	Total PAH	NA	ND	1.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	ND	1.90	ND	ND	ND	ND	2.60	ND	ND	ND	ND	ND	ND	0.89	ND	ND	ND	ND	ND	ND
MW-12B	Total BTEX	NA	2.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	43.00	41.34	16.00	16.00	16.00	4.40	7.04	1.00	ND	0.37	ND	ND	ND	0.34	0.47	ND	ND	ND	ND	0.40
	Total PAH	NA	5.40	1.60	ND	ND	ND	ND	ND	ND	ND	ND	2.70	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	5.40	1.60	ND	ND	ND	ND	ND	25.50	ND	3.40	2.70	ND	2.70	ND	ND	ND	ND	ND	ND	ND
MW-12C	Total BTEX	NA	826.70	951.50	1171.00	1174.30	3194.40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total VOC	NA	1269.00	1610.07	1761.00	2918.70	4921.90	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total PAH	NA	3801.70	2307.30	2554.00	3142.50	17986.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	Total SVOC	NA	3837.60	2331.70	5178.00	3165.50	18238.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.41
	Total VOC	NA	188.50	444.10	340.00	414.40	820.00	353.60	527.81	242.00	325.17	243.00	212.40	232.10	222.40	202.60	192.20	262.80	171.90	172.80	161.90	140.41
	Total PAH	NA	2.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.00	ND	ND	ND	ND	ND	1.60
	Total SVOC	NA	5.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.00	ND	ND	ND	ND	ND	1.60
MW-14	Total BTEX	NA	3146.00	3618.60	2990.00	3678.40	5223.00	4240.00	36.30	2557.00	4430.00	3950.00	2642.20	4739.20	5656.40	3505.00	2888.70	3190.00	2905.70	3545.60	3746.90	3642.00
	Total VOC	NA	4692.90	5689.30	4590.00	9250.60	8196.40	6340.00	44.64	3806.00	6563.10	6079.40	3680.40	5614.57	6629.10	3905.00	3537.90	3640.90	3704.00	4249.20	4714.10	4786.10
	Total PAH	NA	3321.20	8044.30	2317.00	6312.00	6585.40	6946.00	6963.40	3659.00	4596.40	6395.60	3572.70	12184.00	9219.60	3917.00	5214.00	4847.00	5098.00	6251.00	5086.00	5463.00
	Total SVOC	NA	3351.30	8099.40	4673.00	6344.00	6636.60	6998.30	7004.00	3686.00	4629.50	6445.20	3597.10	12242.4	9279.10	3951.00	5214.00	4847.00	5131.00	6251.00	5086.00	5463.00
MW-15	Total BTEX	NA	379.80	366.20	46.00	399.80	163.00	150.30	100.50	ND	327.80	69.74	63.50	109.10	260.20	7.10	35.50	660.00	78.80	206.40	14.24	203.70
	Total VOC	NA	600.30	688.89	285.00	1156.30	414.63	321.03	332.27	8.40	507.03	317.80	289.50	240.50	511.23	141.80	171.04	705.45	195.90	232.10	25.18	248.20
	Total PAH	NA	612.90	489.20	77.10	481.50	175.20	258.00	114.20	ND	161.40	66.60	95.70	127.30	167.10	13.70	148.70	799.00	114.60	423.00	5.00	115.60
	Total SVOC	NA	620.70	492.30	154.20	486.10	175.20	258.00	114.20	2.90	161.40	66.60	95.70	129.70	167.10	13.70	149.80	799.00	114.60	423.00	5.00	117.80
MW-16	Total BTEX	NA	2640.00	3810.00	3020.00	1780.00	4910.00	2470.00	3530.00	2590.00	3550.00	4088.20	2843.00	2564.10	6890.00	3150.00	2900.00	3720.00	2970.00	3060.00	1908.00	2189.00
	Total VOC	NA	3401.70	4850.90	3980.00	4028.70	6146.97	3077.74	4468.70	3272.00	4415.70	5425.27	3759.10	3189.59	8276.60	3963.00	3600.20	4236.90	3340.90	3356.90	2125.8	2259.6
	Total PAH	NA	8439.70	7160.20	1999.00	186.30	6458.70	5959.10	8852.10	6074.00	5108.80	8407.10	523.90	3824.60	10739.5	6230.00	7429.00	7043.00	4849.00	6966.00	3593.00	2997.00
	Total SVOC	NA	8503.00	7230.10	4036.00	207.30	6487.40	5703.60	8901.20	6118.00	5142.40	8493.80	527.30	3874.10	10857.0	6268.00	7468.00	7043.00	4849.00	6966.00	3593.00	2997.00
MW-17	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	2.40	0.80	ND	ND	ND	1.40	1.50	ND	ND	ND	ND	ND	3.20	0.22	ND	ND	ND	1.4	1.7	ND
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20	ND
	Total SVOC	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20	ND

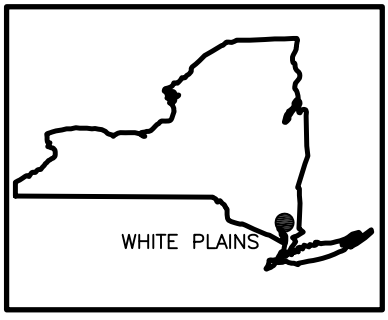
Table 3
Summary of Historic Volatile and Semi-Volatile Organic Compound Sample Results
White Plains Former MGP Site
Consolidated Edison Company of New York

Monitoring Well ID	Compounds	Sample Date (Month/Year)																				
		7/01	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15	5/16	12/16	06/17	12/17	06/18	12/18	05/19	12/19	06/20
MW-18	Total BTEX	NA	NA	37.20	2.60	8.20	30.20	31.11	125.90	29.30	95.80	67.70	52.90	60.80	148.80	36.90	317.00	274.00	76.30	29.50	38.50	13.10
	Total VOC	NA	NA	48.09	13.20	31.47	40.09	41.54	143.38	36.30	111.10	79.10	59.70	67.08	166.90	48.24	339.84	290.99	90.00	42.66	52.33	18.58
	Total PAH	NA	NA	10.50	ND	6.50	5.90	43.10	204.90	40.30	160.90	51.60	6.10	54.20	146.40	19.80	641.00	106.20	48.55	286.30	18.30	21.56
	Total SVOC	NA	NA	10.50	ND	6.50	5.90	43.10	204.90	40.30	160.90	51.60	6.10	54.20	146.40	20.56	646.40	112.51	52.55	301.30	18.30	21.56
MW-19	Total BTEX	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	NA	ND	ND	ND	ND	ND	1.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.38	ND	7.16
	Total PAH	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	NA	ND	ND	ND	ND	ND	ND	3.30	ND	ND	ND	3.50	4.70	ND	ND	ND	ND	ND	ND	ND
MW-20	Total BTEX	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	NA	ND	ND	ND	ND	ND	1.40	ND	ND	ND	ND	ND	ND	ND	0.16	ND	ND	ND	ND	ND
	Total PAH	NA	NA	ND	ND	ND	ND	1.61	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	NA	ND	ND	ND	ND	8.91	5.80	5.80	ND	ND	ND	3.70	5.40	ND	ND	ND	ND	ND	ND	ND
MW-101	Total BTEX	NA	NA	428.00	687.00	710.00	139.18	128.80	147.10	61.80	59.70	17.70	12.00	9.20	2.10	5.04	1.10	3.30	3.00	84.20	31.70	35.70
	Total VOC	NA	NA	454.00	687.00	1488.00	144.78	133.60	159.61	68.90	66.90	17.70	15.30	9.20	7.10	6.24	2.32	9.91	9.60	114.90	61.10	46.61
	Total PAH	NA	NA	283.60	245.00	614.60	85.20	107.20	76.70	85.60	44.50	25.20	27.30	15.70	12.10	20.20	8.30	21.60	21.60	236.30	260.80	12.30
	Total SVOC	NA	NA	304.40	490.00	621.40	91.00	113.10	79.70	94.20	47.30	25.20	27.30	15.70	15.10	20.20	8.30	21.60	21.60	240.50	270.70	13.80

Notes:
ND - Not Detected
NA - Not Analyzed
All Results in ug/L

FIGURES





QUADRANGLE LOCATION
NEW YORK

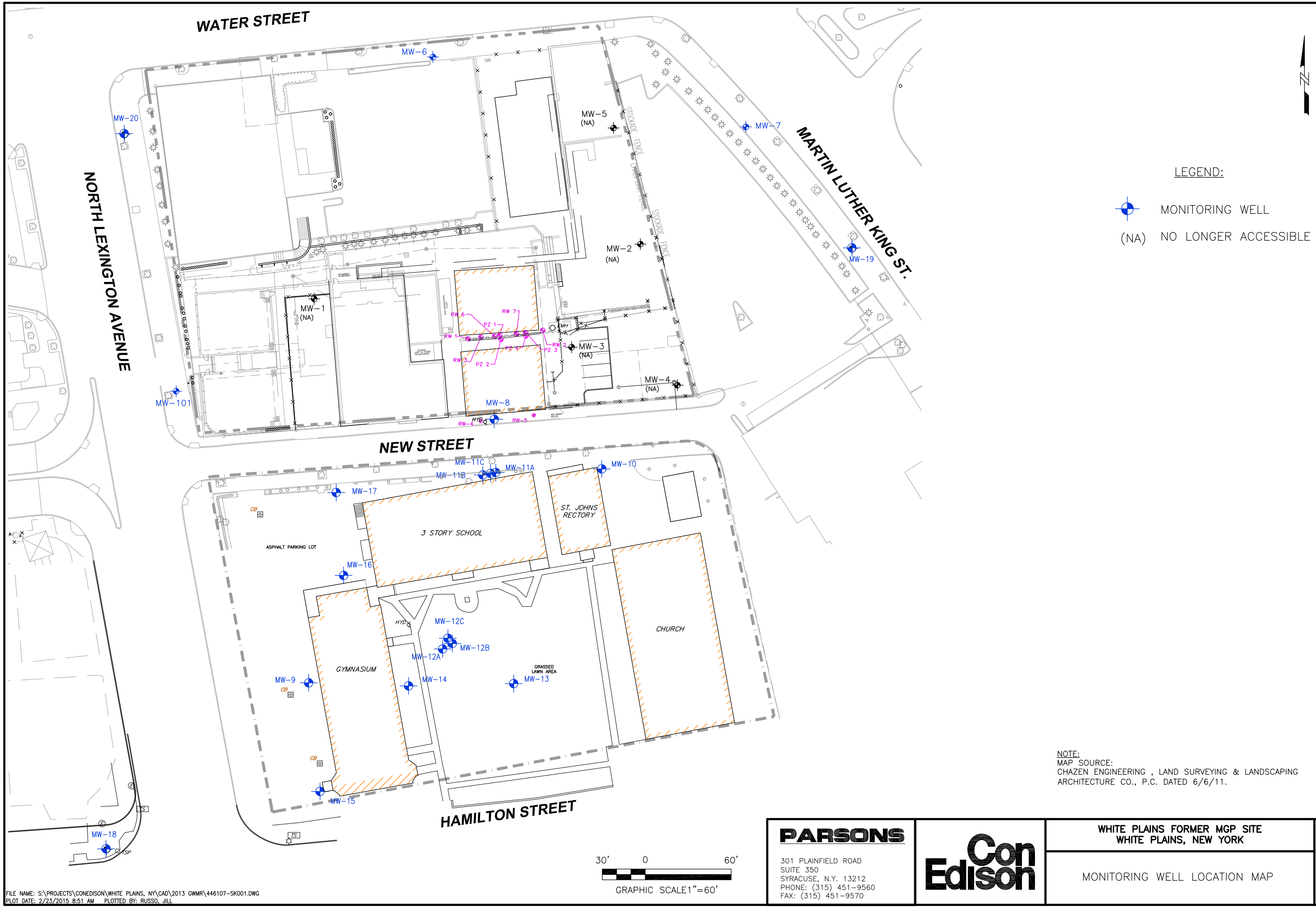
LATITUDE: N42° 02' 00"
LONGITUDE: W73° 46' 16"

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.

30' 0 60'

GRAPHIC SCALE1"=60'

FILE NAME: S:\PROJECTS\CONEDISON\WHITE PLAINS, NY\CAD\2013 GWMR\446107-SK001.DWG
PLOT DATE: 2/23/2015 8:51 AM PLOTTED BY: RUSSO, JILL

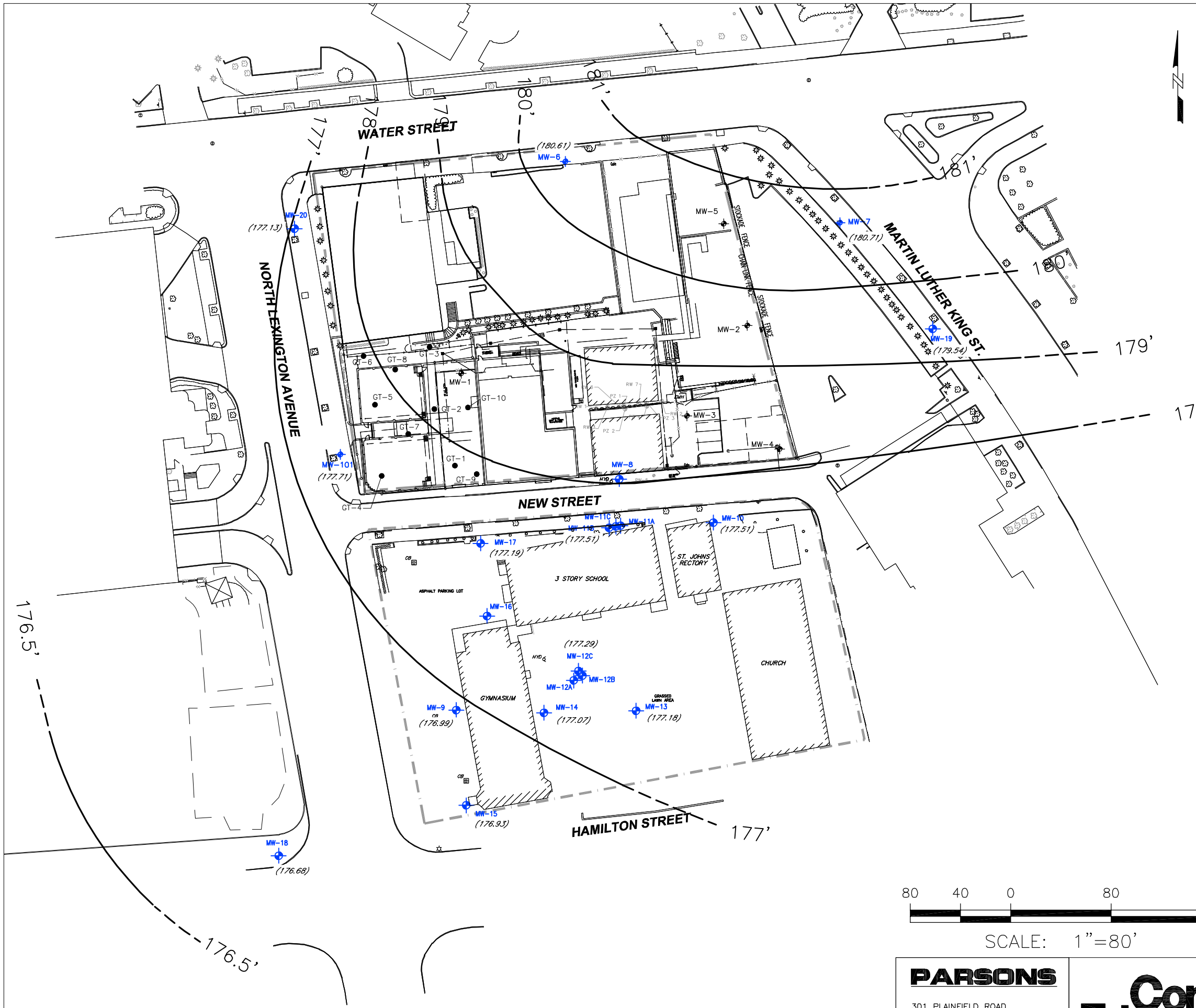
PARSONS
301 PLAINFIELD ROAD
SUITE 350
SYRACUSE, N.Y. 13212
PHONE: (315) 451-9560
FAX: (315) 451-9570

Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

MONITORING WELL LOCATION MAP

FIGURE NO. 2



LEGEND:

- MONITORING WELL
- (NA) NO LONGER ACCESSIBLE
- 178.0 ——— GROUNDWATER CONTOURS
- – – – – – GROUNDWATER CONTOURS INFERRED
- 182.27 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 6/22/20
3. CONTOUR MAPPING DID NOT INCLUDE GROUNDWATER ELEVATIONS FROM THE FOLLOWING MONITORING/RECOVERY WELLS AND PIEZOMETERS; MW-8, MW-11A, MW-11C, MW-12A, MW-12B, AND MW-17.
4. MONITORING WELLS WERE FIELD SURVEYED BY CHAZEN ENGINEERING ON NOVEMBER 30, 2009 AND MAY 16, 2011.

80 40 0 80 160

SCALE: 1"=80'

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

Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP
JUNE, 2020

FIGURE NO. 3

FILE NAME: P:\CONED\446107 - WHITE PLAINS\CAD\2020 GWMR\446107-SK001-GW-06-20.DWG
PLOT DATE: 10/9/2020 9:32 AM PLOTTED BY: RUSSO, JILL

ATTACHMENTS

Attachment 1

Groundwater Sampling Records

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-24-20
Sampling Date: 6-24-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-14
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 29.93
Depth to Well Bottom (TOC): 64.30
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well _____ x 0.16 = _____ 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 purge utilizing _____

SAMPLE DESCRIPTION

Odor : none
Other : cloudy black -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1145	1150	1155	1200	1205	1210	1215	1220
Depth To Water (TOC) (ft)	27.93	28.00	28.05	28.11	28.18	28.27	28.35	28.47
Depth To Pump (TOC) (ft)	62	62	62	62	62	62	62	62
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00		1.50		3.00		5.00	5.50
pH (s.u.)	7.64	7.32	7.22	7.22	7.22	7.19	7.17	7.14
Conductivity (mS/cm)	2.71	2.82	2.89	2.9	2.91	2.91	2.91	2.92
Turbidity (NTUs)	263	324	158	62.4	41.1	30.6	28.9	28
Dissolved Oxygen (mg/L)	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	18.32	17.48	17.26	17.5	17.56	17.62	17.66	17.7
ORP (mV)	-63	-80	-95	-102	-108	-112	-115	-118
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	1.73	1.79	1.85	1.86	1.86	1.86	1.86	1.86

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-17
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 27.76
Depth to Well Bottom (TOC): 49.80
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0705	0710	0715	0720	0725	0730	0735	0740
Depth To Water (TOC) (ft)	27.76	27.76	27.76	27.76	27.76	27.76	27.76	27.76
Depth To Pump (TOC) (ft)	47	47	47	47	47	47	47	47
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00			2.50				5.00
pH (s.u.)	8.09	7.73	7.64	7.61	7.59	7.58	7.56	7.55
Conductivity (mS/cm)	3.37	3.49	3.56	3.62	3.65	3.66	3.68	3.7
Turbidity (NTUs)	245	53.4	16.2	8.1	5.3	5	4.8	4.5
Dissolved Oxygen (mg/L)	6.68	3.84	3.45	3.63	3.65	3.67	3.70	3.70
Temperature (Degrees C)	20.02	19.5	19.51	19.51	19.62	19.66	19.69	19.72
ORP (mV)	147	101	77	66	60	56	51	48
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	2.2	2.23	2.28	2.32	2.34	2.36	2.37	2.39

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-10
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 20.94
Depth to Well Bottom (TOC): 49.80
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : brown cloudy -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1105	1110	1115	1120	1125	1130	1135	1140
Depth To Water (TOC) (ft)	20.94	20.94	20.94	20.94	20.94	20.94	20.94	20.94
Depth To Pump (TOC) (ft)	47	47	47	47	47	47	47	47
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00							6.50
pH (s.u.)	7.57	7.14	6.99	6.97	6.96	6.92	6.9	6.87
Conductivity (mS/cm)	8.19	9.01	9.25	9.18	9.1	9.04	9	8.98
Turbidity (NTUs)	168	104	37.8	21.9	14.4	6.4	6.1	5.9
Dissolved Oxygen (mg/L)	6.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	19.44	19.02	18.31	18.36	18.38	18.41	18.49	18.56
ORP (mV)	105	94	79	61	55	28	21	19
Salinity (%)	1.9	2.2	2.6	2.4	2.5	2.4	2.4	2.3
TDS (g/L)	5.16	5.51	5.83	5.8	5.74	5.7	5.69	5.68

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-11C
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 24.30
Depth to Well Bottom (TOC): 49.50
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : yes, medium intensity
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0855	0900	0905	0910	0915	0920	0925	0930
Depth To Water (TOC) (ft)	24.30	24.30	24.30	24.30	24.30	24.30	24.30	24.30
Depth To Pump (TOC) (ft)	47	47	47	47	47	47	47	47
Flow Rate (ml/min)	275	275	275	275	275	275	275	275
Volume of Water Purged	0.00	1.00	2.00	3.00				6.50
pH (s.u.)	7.38	7.39	7.28	7.23	7.20	7.17	7.15	7.11
Conductivity (mS/cm)	5.76	4.39	4.98	6	5.87	5.79	5.75	5.7
Turbidity (NTUs)	206	13.6	5.2	2.9	2.2	1.9	1.7	1.6
Dissolved Oxygen (mg/L)	2.47	0.87	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	18.47	18.9	18.82	18.69	18.69	18.6	18.56	18.52
ORP (mV)	-56	57	-24	-108	-121	-127	-132	-138
Salinity (%)	1	1	1	1.1	1.1	1.1	1.1	1.1
TDS (g/L)	3.63	2.81	2.99	3.78	3.81	3.84	3.88	3.93

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-16
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 28.81
Depth to Well Bottom (TOC): 64.40
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1335	1340	1345	1350	1355	1400	1405	1410
Depth To Water (TOC) (ft)	28.83	28.85	28.85	28.85	28.85	28.85	28.85	28.85
Depth To Pump (TOC) (ft)	62	62	62	62	62	62	62	62
Flow Rate (ml/min)	200	175	175	175	175	175	175	175
Volume of Water Purged	0.00		1.00		2.00		3.00	3.50
pH (s.u.)	7.99	7.20	7.23	7.23	7.25	7.28	7.3	7.34
Conductivity (mS/cm)	1.02	4.65	5.22	5.35	5.39	5.41	5.48	5.5
Turbidity (NTUs)	110	56.8	26.6	17.1	16	13.8	11.9	10.7
Dissolved Oxygen (mg/L)	3.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	23.2	20.24	20.16	20.38	19.81	19.77	19.69	19.63
ORP (mV)	-68	-105	-116	-119	-126	-130	-133	-138
Salinity (%)	0	0.2	0.5	0.6	0.6	0.7	0.8	0.9
TDS (g/L)	0.659	2.97	3.29	3.37	3.4	3.44	3.48	3.5

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-24-20
Sampling Date: 6-24-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-9
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 30.35
Depth to Well Bottom (TOC): 61.70
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well _____ x 0.16 = _____ 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 purge utilizing _____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0820	0825	0830	0835	0840	0845	0850	0855
Depth To Water (TOC) (ft)	30.35	30.35	30.35	30.35	30.35	30.35	30.35	30.35
Depth To Pump (TOC) (ft)	59	59	59	59	59	59	59	59
Flow Rate (ml/min)	250	250	250	250	250	250	250	250
Volume of Water Purged	0.00	1.50		3.50		4.50		6.00
pH (s.u.)	7.64	7.41	7.23	7.21	7.18	7.20	7.18	7.17
Conductivity (mS/cm)	2.28	2.3	2.42	2.53	2.75	2.82	2.84	2.86
Turbidity (NTUs)	289	152	94.1	64.6	40.1	38.4	37.6	36.3
Dissolved Oxygen (mg/L)	1.26	0.71	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	17.62	18.07	18.44	17.7	17.01	17.86	17.71	17.63
ORP (mV)	-29	-37	-51	-54	-68	-74	-82	-86
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	1.46	1.52	1.55	1.61	1.72	1.79	1.83	1.9

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-24-20
Sampling Date: 6-24-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-15
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 30.67
Depth to Well Bottom (TOC): 66.50
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : black/cloudy to start -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0945	0950	0955	1000	1005	1010	1015	1020
Depth To Water (TOC) (ft)	30.67	30.67	30.67	30.67	30.67	30.67	30.67	30.67
Depth To Pump (TOC) (ft)	64	64	64	64	64	64	64	64
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00		1.00		2.00		3.00	3.50
pH (s.u.)	7.01	6.96	6.97	6.99	7.02	7.06	7.11	7.15
Conductivity (mS/cm)	1.78	2.45	2.96	3.23	3.28	3.36	3.46	3.5
Turbidity (NTUs)	244	23.4	3.1	0.9	0.6	0.2	0	0
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	16.'88	16.94	16.83	16.71	16.69	16.62	16.57	16.54
ORP (mV)	-97	-106	-107	-105	-103	-101	-97	-94
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	1.13	1.57	1.89	2.06	2.09	2.14	2.16	2.19

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-24-20
Sampling Date: 6-24-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-13
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 27.66
Depth to Well Bottom (TOC): 64.60
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well _____ x 0.16 = _____ 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 purge utilizing _____

SAMPLE DESCRIPTION

Odor : none
Other : brown cloudy start -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1240	1245	1250	1255	1300	1305	1310	1315
Depth To Water (TOC) (ft)	62.00	62.00	62.00	62.00	62.00	62.00	62.00	62.00
Depth To Pump (TOC) (ft)	64	64	64	64	64	64	64	64
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00		1.50		3.00		4.50	5.00
pH (s.u.)	7.80	7.04	6.97	6.96	6.97	6.97	6.96	6.96
Conductivity (mS/cm)	2.38	3.57	3.65	3.68	3.68	3.68	3.7	3.71
Turbidity (NTUs)	161	75.4	51.4	35.5	20.4	18.1	17.3	16.6
Dissolved Oxygen (mg/L)	7.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	19.77	16.27	16.19	16.34	16.46	16.51	16.53	16.5
ORP (mV)	-56	-58	-62	-66	-69	-71	-73	-75
Salinity (%)	0	0.5	0.5	0.5	0.5	0.5	0.4	0.4
TDS (g/L)	1.56	2.29	2.34	2.35	2.36	2.35	2.36	2.36

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-25-20
Sampling Date: 6-25-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-12B
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 27.54
Depth to Well Bottom (TOC): 44.70
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : brown/black cloudy -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0850	0855	0900	0905	0910	0915	0920	0925
Depth To Water (TOC) (ft)	27.55	27.55	27.55	27.55	27.55	27.55	27.55	27.55
Depth To Pump (TOC) (ft)	42	42	42	42	42	42	42	42
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged	0.00	1.00		2.00		3.00		4.00
pH (s.u.)	7.55	7.50	7.47	7.42	7.41	7.40	7.39	7.39
Conductivity (mS/cm)	0.775	0.818	0.861	0.904	0.916	0.92	0.926	0.933
Turbidity (NTUs)	139	64.1	28.2	20.4	17	16.3	15.9	15.6
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	15.52	15.6	15.64	15.66	15.66	15.67	15.68	15.69
ORP (mV)	161	142	109	88	76	69	65	50
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	0.531	0.531	0.532	0.532	0.532	0.532	0.531	0.531

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-25-20
Sampling Date: 6-25-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-12A
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 27.60
Depth to Well Bottom (TOC): 30.70
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : brown/cloudy start -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0805	0810	0815	0820	0825	0830	0835	0840
Depth To Water (TOC) (ft)	28.15	28.18	28.22	28.26	28.30	28.33	28.37	28.42
Depth To Pump (TOC) (ft)	28	28	28	28	28	28	28	28
Flow Rate (ml/min)	300	300	300	300	300	300	300	300
Volume of Water Purged	0.00	1.00		2.00		3.00		4.50
pH (s.u.)	8.74	8.12	7.98	7.87	7.85	7.81	7.79	7.78
Conductivity (mS/cm)	0.542	0.539	0.539	0.539	0.54	0.54	0.54	0.54
Turbidity (NTUs)	176	20.4	8.8	7.4	7.2	7	6.9	6.9
Dissolved Oxygen (mg/L)	9.13	7.79	7.25	7.17	7.05	6.99	6.92	6.87
Temperature (Degrees C)	15.93	15.29	15.21	15.19	15.17	15.17	15.17	15.16
ORP (mV)	125	148	156	165	173	174	175	176
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	0.348	0.345	0.346	0.345	0.345	0.344	0.344	0.344

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-24-20
Sampling Date: 6-24-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-18
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 32.22
Depth to Well Bottom (TOC): 71.40
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0725	0730	0735	0740	0745	0750	0755	0800
Depth To Water (TOC) (ft)	32.22	32.22	32.22	32.22	32.22	32.22	32.22	32.22
Depth To Pump (TOC) (ft)	69	69	69	69	69	69	69	69
Flow Rate (ml/min)	275	275	275	275	275	275	275	275
Volume of Water Purged	0.00	1.00		2.00	3.00	4.00	5.00	6.00
pH (s.u.)	7.56	7.35	7.25	7.23	7.21	7.21	7.2	7.2
Conductivity (mS/cm)	5.33	5.19	5.23	5.24	5.25	5.25	5.26	5.26
Turbidity (NTUs)	439	4089	86.1	57.1	13.9	12.9	12.3	11.7
Dissolved Oxygen (mg/L)	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	17.13	16.28	16	16.33	15.94	15.87	15.8	15.75
ORP (mV)	-92	-96	-99	-100	-101	-102	-103	-104
Salinity (%)	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2
TDS (g/L)	3.36	3.24	3.3	3.31	3.31	3.31	3.32	3.31

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-8
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 22.45
Depth to Well Bottom (TOC): 39.50
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well _____ x 0.16 = _____ 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 purge utilizing _____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1230	1235	1240	1245	1250	1255	1300	1305
Depth To Water (TOC) (ft)	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45
Depth To Pump (TOC) (ft)	37	37	37	37	37	37	37	37
Flow Rate (ml/min)	150	150	150	150	150	150	150	150
Volume of Water Purged	0.00	0.50	1.00	1.50	2.00	2.50	3.00	3.50
pH (s.u.)	8.40	7.31	7.16	7.09	7.08	7.08	7.07	7.07
Conductivity (mS/cm)	2.09	2.05	2.33	2.49	2.56	2.59	2.62	2.66
Turbidity (NTUs)	174	60.3	35.3	21.1	13.9	11	9.9	9.7
Dissolved Oxygen (mg/L)	6.63	2.34	0.84	0.02	0.00	0.00	0.00	0.00
Temperature (Degrees C)	18.84	17.89	17.72	17.66	17.62	17.57	17.5	17.53
ORP (mV)	98	122	86	30	-12	-19	-26	-24
Salinity (%)	0	0	0	0	0	0	0	0
TDS (g/L)	1.33	1.32	1.49	1.6	1.64	1.69	1.74	1.77

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-22-20
Sampling Date: 6-22-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-20
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 14.45
Depth to Well Bottom (TOC): 20.10
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1345	1350	1355	1400	1405	1410	1415	1420
Depth To Water (TOC) (ft)	14.45	14.45	14.45	14.45	14.45	14.45	14.45	14.45
Depth To Pump (TOC) (ft)	18	18	18	18	18	18	18	18
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00		2.00					5.00
pH (s.u.)	7.34	7.21	7.14	7.14	7.13	7.13	7.12	7.12
Conductivity (mS/cm)	6.58	7.41	7.87	8	8.1	8.12	8.16	8.19
Turbidity (NTUs)	574	286	92.5	39.1	33.9	30.1	29.2	28.6
Dissolved Oxygen (mg/L)	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	18.77	18	15.93	15.54	15.58	15.61	15.65	15.7
ORP (mV)	101	-4	-20	-29	-37	-41	-46	-49
Salinity (%)	1.4	1.8	2.4	2.5	2.5	2.6	2.6	2.7
TDS (g/L)	4.2	4.66	4.96	5.05	5.12	5.15	5.18	5.21

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-22-20
Sampling Date: 6-22-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-101
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 25.36
Depth to Well Bottom (TOC): 59.80
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : gray -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1435	1440	1445	1450	1455	1500	1505	1510
Depth To Water (TOC) (ft)	25.36	25.36	25.36	25.36	25.36	25.36	25.36	25.36
Depth To Pump (TOC) (ft)	57	57	57	57	57	57	57	57
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00			2.50			5.00	
pH (s.u.)	7.32	7.10	7.08	7.06	7.04	7.03	7.01	6.99
Conductivity (mS/cm)	5.89	4.84	4.61	4.44	4.39	4.32	4.28	4.25
Turbidity (NTUs)	159	640	213	106	61.4	38.1	36.9	35.5
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	19.56	19.21	20.68	18.72	18.63	18.6	18.56	18.5
ORP (mV)	-72	-79	-84	-83	-81	-80	-78	-77
Salinity (%)	0.8	0.4	0.1	0.4	0.4	0.5	0.5	0.5
TDS (g/L)	3.73	3.09	2.93	2.82	2.8	2.78	2.74	2.7

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-22-20
Sampling Date: 6-22-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-6
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 7.21
Depth to Well Bottom (TOC): 16.05
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : cloudy start -> clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1215	1220	1225	1230	1235	1240	1245	1250
Depth To Water (TOC) (ft)	7.21	7.21	7.21	7.21	7.21	7.21	7.21	7.21
Depth To Pump (TOC) (ft)	14	14	14	14	14	14	14	14
Flow Rate (ml/min)	175	175	175	175	175	175	175	175
Volume of Water Purged	0.00		1.00		2.00		3.00	
pH (s.u.)	7.56	7.14	7.08	7.00	6.98	6.95	6.92	6.9
Conductivity (mS/cm)	1.19	1.22	1.23	1.25	1.26	1.28	1.3	1.31
Turbidity (NTUs)	550	209	182	121	98	83	46	39
Dissolved Oxygen (mg/L)	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	19.85	20.01	20.71	21.17	21.36	21.43	21.48	21.51
ORP (mV)	-65	-50	-47	-43	-44	-46	-43	-39
Salinity (%)	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
TDS (g/L)	0.774	0.778	0.79	0.796	0.806	0.81	0.817	0.82

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-22-20
Sampling Date: 6-22-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-7
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 8.81
Depth to Well Bottom (TOC): 15.55
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1120	1125	1130	1135	1140	1145	1150	1155
Depth To Water (TOC) (ft)	8.81	8.81	8.81	8.81	8.81	8.81	8.81	8.81
Depth To Pump (TOC) (ft)	13	13	13	13	13	13	13	13
Flow Rate (ml/min)	200	150	150	150	150	150	150	150
Volume of Water Purged	0.00		1.00		2.00		3.00	3.50
pH (s.u.)	7.83	7.50	7.42	7.39	7.38	7.35	7.32	7.3
Conductivity (mS/cm)	2.73	2.9	3.09	3.22	3.15	3.12	3.1	3.09
Turbidity (NTUs)	0.0 error	174	55.2	41.6	18	17.1	16.8	16.4
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	17.3	19.64	21.34	22.06	22.09	22.15	22.19	22.21
ORP (mV)	-81	-101	-110	-115	-115	-117	-118	-120
Salinity (%)	1.4	1.5	1.6	1.7	1.6	1.6	1.7	1.7
TDS (g/L)	1.74	1.86	1.99	2.06	2.02	2	1.98	1.99

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-22-20
Sampling Date: 6-22-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-19
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 8.70
Depth to Well Bottom (TOC): 20.15
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1020	1025	1030	1035	1040	1045	1050	1055
Depth To Water (TOC) (ft)	8.70	8.70	8.70	8.70	8.70	8.70	8.70	8.70
Depth To Pump (TOC) (ft)	18	18	18	18	18	18	18	18
Flow Rate (ml/min)	150	150	150	150	150	150	150	150
Volume of Water Purged	0.00		1.00		2.00			3.50
pH (s.u.)	8.62	8.15	7.75	7.65	7.59	7.54	7.52	7.51
Conductivity (mS/cm)	5.4	5.5	5.58	5.63	5.68	5.65	5.63	5.6
Turbidity (NTUs)	0.0 error	0.0 error	51.2	49.2	34.5	33.8	32.1	31.7
Dissolved Oxygen (mg/L)	0.69	0.13	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	18.71	17.06	15.29	16.12	16.23	16.3	16.36	16.39
ORP (mV)	-42	-52	-62	-63	-64	-62	-61	-60
Salinity (%)	0.8	1.1	1.4	1.2	1.1	1.2	1.3	1.2
TDS (g/L)	3.4	3.46	3.51	3.55	3.57	3.57	3.53	3.51

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-11B
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 24.46
Depth to Well Bottom (TOC): 36.20
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0805	0810	0815	0820	0825	0830	0835	0840
Depth To Water (TOC) (ft)	24.46	24.46	24.46	24.46	24.46	24.46	24.46	24.46
Depth To Pump (TOC) (ft)	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00		1.00		2.00			4.00
pH (s.u.)	7.96	7.44	7.39	7.32	7.30	7.28	7.26	7.25
Conductivity (mS/cm)	4.33	4.49	4.39	4.33	4.29	4.27	4.25	4.23
Turbidity (NTUs)	102	75.8	13.8	5.1	3	2.7	2.6	2.6
Dissolved Oxygen (mg/L)	4.88	1.65	0.87	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	20.26	19.65	18.9	18.99	19.1	19.15	19.18	19.22
ORP (mV)	138	90	57	53	48	44	41	39
Salinity (%)	0	0.2	0.3	0.3	0.3	0.3	0.3	0.3
TDS (g/L)	2.77	2.87	2.81	2.77	2.75	2.71	2.69	2.65

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-23-20
Sampling Date: 6-23-20
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-11A
Sampling Method: Low flow purge utilizing_monsoon pump

WELL PURGING

Static Water Level (TOC): 24.23
Depth to Well Bottom (TOC): 26.75
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : none
Other : clear end (cloudy start)

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0945	0950	0955	1000	1005	1010	1015	1020
Depth To Water (TOC) (ft)	24.23	24.26	24.30	24.33	24.36	24.40	24.43	24.45
Depth To Pump (TOC) (ft)	26	26	26	26	26	26	26	26
Flow Rate (ml/min)	200	200	200	200	200	200	200	200
Volume of Water Purged	0.00		1.00		2.00			3.50
pH (s.u.)	7.64	7.23	7.10	7.39	7.39	7.39	7.41	7.41
Conductivity (mS/cm)	5.3	6	5.4	5.47	5.51	5.57	5.6	5.6
Turbidity (NTUs)	180	78.1	18.3	4.1	2.9	2	1.9	1.7
Dissolved Oxygen (mg/L)	5.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	19.22	18.69	18.14	18.02	17.94	17.8	17.76	17.7
ORP (mV)	5	-108	81	97	106	113	118	122
Salinity (%)	0.7	1.1	0.9	1	1.1	1.1	1.2	1.2
TDS (g/L)	3.34	3.78	3.4	3.44	3.48	3.51	3.54	3.56

SAMPLE ANALYSIS / LABORATORY

Analyze For: VOCs and SVOCs

Shipped Via: Test America
Laboratory

Other Notes:

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison - White Plains
PROJECT NUMBER:
Purge Date: 6-25-20
Sampling Date: No Sample
Samplers: AFM of Parsons / Somerset, NJ

SAMPLE ID: MW-12C
Sampling Method: DNAPL Recovery using Whale pump

WELL PURGING

Static Water Level (TOC): 27.85
Depth to Well Bottom (TOC):
CALCULATIONS: Ft. of Water in Well ____ X (GAL / FT) = ____ Gallons
2-inch Casing: Ft. of Water in Well ____ x 0.16 = ____ 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 purge utilizing ____

SAMPLE DESCRIPTION

Odor : NAPL odor
Other : DNAPL recovery

FIELD TESTS

	PURGE	PURGE
Time	0950	1030
Depth To Water (TOC) (ft)		
Depth To Pump (TOC) (ft)		
Flow Rate (ml/min)		
Volume of Water Purged	0.00	20.00
pH (s.u.)		
Conductivity (mS/cm)		
Turbidity (NTUs)		
Dissolved Oxygen (mg/L)		
Temperature (Degrees C)		
ORP (mV)		
Salinity (%)		
TDS (g/L)		

SAMPLE ANALYSIS / LABORATORY

Analyze For:

Shipped Via: Test America
Laboratory

Other Notes: 20 Gallons of purged. Approximately 1 gallon of DNAPL was recovered.

Attachment 2
Data Usability Summary Report – June 2020

DATA USABILITY SUMMARY REPORT

JUNE 2020 SEMIANNUAL SAMPLING
WHITE PLAINS

Prepared For:

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
31-01 20th Avenue
Long Island City, NY 11105

Prepared By:

301 Plainfield Road, Suite 350
Syracuse, New York 13212

AUGUST 2020

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LIST OF ATTACHMENTS

SECTION 1 DATA USABILITY SUMMARY

Groundwater samples were collected as part of the semiannual sampling at the Consolidated Edison White Plains site on June 22, 2020 through June 25, 2020. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- Analytical methodologies, and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratory for this project was Eurofins – Environment Testing America (Eurofins) in Edison, New Jersey. 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 7 days for the project samples.

The data packages received from Eurofins 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 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 Eurofins within one to three days of sampling. All samples were received intact and in good condition at the laboratory.

1.3 Laboratory Analytical Methods

Groundwater samples were collected from the site and 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 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 VOC analytical results were qualified as estimated based upon instrument calibrations; and qualified as not detected based upon blank contamination. The reported VOC analytical results were 100% complete (i.e., usable) for the analytical 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. Certain reported results for the groundwater SVOC samples were qualified as estimated based upon matrix spike/matrix spike duplicate (MS/MSD) recoveries and instrument calibrations. The reported SVOC analytical results were 100% complete (i.e., usable) for the analytical data. PARCCS requirements were met.

SECTION 2 DATA VALIDATION REPORT

2.1 GROUNDWATER SAMPLES

Data review has been completed for data packages generated by Eurofins 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) 460-212076-1.

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 LCS recoveries, blank contamination, and continuing calibrations as discussed below.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recovery for 1,2-dichloropropane (127%R; QC limit 76-126%R) associated with samples FB-062520 and TB-062520. Validation qualification was not required for these samples.

Blank Contamination

The QC equipment blank associated with all samples contained chloroform below the reporting limit at a concentration of 0.43 µg/L. Therefore, chloroform results less than validation action concentrations were considered not detected and qualified “U” for the affected samples.

Continuing Calibrations

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 (0.01 for poor performers) and a percent difference (%D) within ±20% (±40% for poor performers) with the exception of bromomethane (-57.3%D, -71.3%D, -39.8%D) in the continuing calibrations associated with all samples; and bromoform (-20.2%D) in the continuing calibration associated with samples MW-9, MW-12A, MW-12B, MW-14, and MW-18. Therefore, the results for these compounds 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 Eurofins 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 the MS/MSD precision and accuracy, LCS recoveries, and continuing calibrations as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent accuracy; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the low MS/MSD accuracy results for 4-chloro-3-methylphenol (55%R/55%R; QC limit 60-107%R), acetophenone (57%R/58%R; QC limit 65-109%R), benzo(a)anthracene (69%R/67%R; QC limit 71-114%R), bis(2-chloroethoxy)methane (60%R/60%R; QC limit 64-114%R), chrysene (69%R/67%R; QC limit 74-122%R), isophorone (61%R/60%R; QC limit 64-113%R), N-nitrosodi-n-propylamine (53%R/54%R; QC limit 60-111%R), and pyrene (65%R/61%R; QC limit 66-121%R) during the spiked analyses of sample MW-10. Therefore, the results for these compounds which were nondetects were considered estimated and qualified “UJ” for the affected parent sample.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the high LCS recoveries for atrazine (174%R, 157%R, 155%R, 160%R; QC limit 10-150%R) associated with all samples; and 2,2'-oxybis(1-chloropropane) (181%R, 179%R; QC limit 38-124%R), 2-nitroaniline (124%R; QC limit 54-123%R), and benzaldehyde (174%R, 179%R; QC limit 47-134%R) associated with sample FB-062520. Validation qualification was not required for the affected samples.

Continuing Calibrations

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 (0.01 for poor performers) and a percent difference (%D) within ±20% (±40% for poor performers) with the exception of benzaldehyde (-38.3%D, -49.7%D, -22.8%D) in the continuing calibrations associated with all samples; N-nitrosodi-n-propylamine (30.9%D), indeno(1,2,3-cd)pyrene (27.2%D), dibenz(a,h)anthracene (21.8%D), and benzo(g,h,i)perylene (20.8%D) in the continuing calibration associated with samples MW-11C, MW-14, and MW-16; 2,2'-oxybis(1-chloropropane) (-25.3%D), acetophenone (-21.3%D), N-nitrosodi-n-propylamine (-26.1%D), and indeno(1,2,3-cd)pyrene (20.5%D) in the continuing calibrations associated with all samples except MW-11C, MW-14, MW-16, and FB-062520; and 2,2'-oxybis(1-chloropropane) (119.2%D), isophorone (20.7%D), 2-nitroaniline (46.3%D), 4-nitrophenol (62.4%D), bis(2-ethylhexyl)phthalate (44%D), indeno(1,2,3-cd)pyrene (30.2%D), dibenz(a,h)anthracene (34.6%D), and benzo(g,h,i)perylene (30.2%D) in the continuing calibration associated with sample FB-062520. Therefore, the results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

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 Eurofins 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 June 2020 SDGs: 460-212076-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20200622 460-212076-3 TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-7 MW-7-20200622 460-212076-2 TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-8 MW-8-20200623 460-212076-12 TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-9 MW-9-20200624 460-212076-17 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-10 MW-10-20200623 460-212076-10 TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/l	1 U	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	1 U	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	ug/l	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/l	1 U	1 U	1 U	0.71 J	1 U
78-87-5	1,2-Dichloropropane	ug/l	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	50 U	50 U	50 U	50 U	50 U
591-78-6	2-Hexanone	ug/l	5 U	5 U	5 U	5 U	5 U
67-64-1	Acetone	ug/l	6.1	5 U	5 U	5 U	5 U
71-43-2	Benzene	ug/l	24	1 U	1 U	3.8	1 U
74-97-5	Bromochloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/l	1 U	1 U	1 U	1 UJ	1 U
74-83-9	Bromomethane	ug/l	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
75-15-0	Carbon Disulfide	ug/l	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	ug/l	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
67-66-3	Chloroform	ug/l	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	1 U	1 U	1 U	0.38 J	1 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	1 U	1 U
110-82-7	Cyclohexane	ug/l	1 U	1 U	1 U	1.1	1 U
124-48-1	Dibromochloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-71-8	Dichlorodifluoromethane	ug/l	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/l	14	1 U	1.3	12	1 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	9.8	1 U	9.5	2.5	1 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	5 U	5 U	5 U	5 U	5 U
108-10-1	Methyl Isobutyl Ketone	ug/l	5 U	5 U	5 U	5 U	5 U
108-87-2	Methylcyclohexane	ug/l	0.46 J	1 U	8.1	1.1	1 U
75-09-2	Methylene Chloride	ug/l	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	ug/l	1 U	1 U	1 U	33	1 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	1 U	1 U	1 U	2.1	1 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/l	1.8	1 U	1 U	73	1 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	1 U	1 U	1 U	1 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethylene (TCE)	ug/l	1 U	1 U	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	ug/l	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (Total)	ug/l	13	2 U	1.4 J	52	2 U

Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20200622 460-212076-3 TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-7 MW-7-20200622 460-212076-2 TALED 4602120761 GROUND WATER 6/22/2020 7/17/2020	MW-8 MW-8-20200623 460-212076-12 TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020	MW-9 MW-9-20200624 460-212076-17 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-10 MW-10-20200623 460-212076-10 TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-95-4	2,4,5-Trichlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	10 U	10 U	10 U	10 U	10 U
51-28-5	2,4-Dinitrophenol	ug/l	20 U	20 U	20 U	20 U	20 U
121-14-2	2,4-Dinitrotoluene	ug/l	2 U	2 U	2 U	2 U	2 U
606-20-2	2,6-Dinitrotoluene	ug/l	2 U	2 U	2 U	2 U	2 U
91-58-7	2-Chloronaphthalene	ug/l	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	10 U	10 U	10 U	2 J	10 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	20 U	20 U	20 U	20 U	20 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10 U	10 U	10 U	10 U	10 UJ
106-47-8	4-Chloroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol (P-Cresol)	ug/l	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/l	20 U	20 U	20 U	20 U	20 U
83-32-9	Acenaphthene	ug/l	10 U	10 U	12	2.4 J	10 U
208-96-8	Acenaphthylene	ug/l	10 U	10 U	10 U	12	10 U
98-86-2	Acetophenone	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
120-12-7	Anthracene	ug/l	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	ug/l	2 U	2 U	2 U	2 U	2 U
100-52-7	Benzaldehyde	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
56-55-3	Benzo(A)Anthracene	ug/l	1 U	1 U	1 U	1 U	1 UJ
50-32-8	Benzo(A)Pyrene	ug/l	1 U	1 U	1 U	1 U	1 U
205-99-2	Benzo(B)Fluoranthene	ug/l	2 U	2 U	2 U	2 U	2 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(K)Fluoranthene	ug/l	1 U	1 U	1 U	1 U	1 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10 U	10 U	10 U	2.2 J	10 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10 U	10 U	10 U	10 U	10 UJ
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	1 U	1 U	1 U	1 U	1 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	2 U	2 U	2 U	2 U	2 U
105-60-2	Caprolactam	ug/l	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/l	10 U	10 U	10 U	10 U	10 U
218-01-9	Chrysene	ug/l	2 U	2 U	2 U	2 U	2 UJ
53-70-3	Dibenz(A,H)Anthracene	ug/l	1 U	1 U	1 U	1 U	1 U
132-64-9	Dibenzofuran	ug/l	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-N-Butyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-N-Octylphthalate	ug/l	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/l	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/l	10 U	10 U	2.7 J	10 U	10 U
118-74-1	Hexachlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
87-68-3	Hexachlorobutadiene	ug/l	1 U	1 U	1 U	1 U	1 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/l	2 U	2 U	2 U	2 U	2 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-59-1	Isophorone	ug/l	10 U	10 U	10 U	10 U	10 UJ
91-20-3	Naphthalene	ug/l	2 U	2 U	2 U	44	2 U
98-95-3	Nitrobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/l	20 U	20 U	20 U	20 U	20 U
85-01-8	Phenanthrene	ug/l	10 U	10 U	1.9 J	10 U	10 U
108-95-2	Phenol	ug/l	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/l	10 U	10 U	10 U	10 U	10 UJ

			Duplicate of MW-10-20200623				
Con Ed - White Plains		Location ID:	MW-110	MW-11A	MW-11B	MW-11C	MW-12A
Validated Groundwater Analytical Data		Sample ID:	MW-110-20200623	MW-11A-20200623	MW-11B-20200623	MW-11C-20200623	MW-12A-20200625
June 2020		Lab Sample Id:	460-212076-11	460-212076-9	460-212076-7	460-212076-8	460-212076-20
SDGs: 460-212076-1		Source:	TALED	TALED	TALED	TALED	TALED
		SDG:	4602120761	4602120761	4602120761	4602120761	4602120761
		Matrix:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
		Sampled:	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/25/2020
		Validated:	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	1 U	1 U	1 U	5 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	1 U	1 U	1 U	5 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1 U	1 U	1 U	5 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/l	1 U	1 U	1 U	5 U	1 U
75-34-3	1,1-Dichloroethane	ug/l	1 U	1 U	1 U	5 U	1 U
75-35-4	1,1-Dichloroethene	ug/l	1 U	1 U	1 U	5 U	1 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	1 U	1 U	1 U	5 U	1 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	1 U	1 U	1 U	5 U	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	1 U	1 U	1 U	5 U	1 U
106-93-4	1,2-Dibromoethane	ug/l	1 U	1 U	1 U	5 U	1 U
95-50-1	1,2-Dichlorobenzene	ug/l	1 U	1 U	1 U	5 U	1 U
107-06-2	1,2-Dichloroethane	ug/l	1 U	1 U	1 U	5 U	1 U
78-87-5	1,2-Dichloropropane	ug/l	1 U	1 U	1 U	5 U	1 U
541-73-1	1,3-Dichlorobenzene	ug/l	1 U	1 U	1 U	5 U	1 U
106-46-7	1,4-Dichlorobenzene	ug/l	1 U	1 U	1 U	5 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	50 U	50 U	50 U	250 U	50 U
591-78-6	2-Hexanone	ug/l	5 U	5 U	5 U	25 U	5 U
67-64-1	Acetone	ug/l	5 U	5 U	5 U	25 U	5 U
71-43-2	Benzene	ug/l	1 U	1 U	1 U	5 U	1 U
74-97-5	Bromochloromethane	ug/l	1 U	1 U	1 U	5 U	1 U
75-27-4	Bromodichloromethane	ug/l	1 U	1 U	1 U	5 U	1 U
75-25-2	Bromoform	ug/l	1 U	1 U	1 U	5 U	1 UJ
74-83-9	Bromomethane	ug/l	1 UJ	1 UJ	1 UJ	5 UJ	1 UJ
75-15-0	Carbon Disulfide	ug/l	1 U	1 U	1 U	5 U	1 U
56-23-5	Carbon Tetrachloride	ug/l	1 U	1 U	1 U	5 U	1 U
108-90-7	Chlorobenzene	ug/l	1 U	1 U	1 U	5 U	1 U
75-00-3	Chloroethane	ug/l	1 U	1 U	1 U	5 U	1 U
67-66-3	Chloroform	ug/l	1 U	1 U	1 U	5 U	1 U
74-87-3	Chloromethane	ug/l	1 U	1 U	1 U	5 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	1 U	1 U	1 U	5 U	1 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	5 U	1 U
110-82-7	Cyclohexane	ug/l	1 U	1 U	1 U	34	1 U
124-48-1	Dibromochloromethane	ug/l	1 U	1 U	1 U	5 U	1 U
75-71-8	Dichlorodifluoromethane	ug/l	1 U	1 U	1 U	5 U	1 U
100-41-4	Ethylbenzene	ug/l	1 U	1 U	1 U	100	1 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	1 U	1 U	1 U	22	1 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	25 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	5 U	5 U	5 U	25 U	5 U
108-10-1	Methyl Isobutyl Ketone	ug/l	5 U	5 U	5 U	25 U	5 U
108-87-2	Methylcyclohexane	ug/l	1 U	1 U	1 U	68	1 U
75-09-2	Methylene Chloride	ug/l	1 U	1 U	1 U	5 U	1 U
100-42-5	Styrene	ug/l	1 U	1 U	1 U	140	1 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	1 U	1 U	1 U	5 U	1 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	1 U	1 U	1 U	4.2 J	1 U
108-88-3	Toluene	ug/l	1 U	1 U	1 U	5 U	1 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	1 U	1 U	1 U	5 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	5 U	1 U
79-01-6	Trichloroethylene (TCE)	ug/l	1 U	1 U	1 U	6	1 U
75-69-4	Trichlorofluoromethane	ug/l	1 U	1 U	1 U	5 U	1 U
75-01-4	Vinyl Chloride	ug/l	1 U	1 U	1 U	5 U	1 U
1330-20-7	Xylenes (Total)	ug/l	2 U	2 U	2 U	1300	2 U

			Duplicate of MW-10-20200623				
Con Ed - White Plains		Location ID:	MW-110	MW-11A	MW-11B	MW-11C	MW-12A
Validated Groundwater Analytical Data		Sample ID:	MW-110-20200623	MW-11A-20200623	MW-11B-20200623	MW-11C-20200623	MW-12A-20200625
June 2020		Lab Sample Id:	460-212076-11	460-212076-9	460-212076-7	460-212076-8	460-212076-20
SDGs: 460-212076-1		Source:	TALED	TALED	TALED	TALED	TALED
		SDG:	4602120761	4602120761	4602120761	4602120761	4602120761
		Matrix:	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER	GROUND WATER
		Sampled:	6/23/2020	6/23/2020	6/23/2020	6/23/2020	6/25/2020
		Validated:	7/17/2020	7/17/2020	7/17/2020	7/17/2020	7/17/2020
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-95-4	2,4,5-Trichlorophenol	ug/l	10 U	10 U	10 U	1000 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10 U	10 U	10 U	1000 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	10 U	10 U	10 U	1000 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	10 U	10 U	10 U	1000 U	10 U
51-28-5	2,4-Dinitrophenol	ug/l	20 U	20 U	20 U	2000 U	20 U
121-14-2	2,4-Dinitrotoluene	ug/l	2 U	2 U	2 U	200 U	2 U
606-20-2	2,6-Dinitrotoluene	ug/l	2 U	2 U	2 U	200 U	2 U
91-58-7	2-Chloronaphthalene	ug/l	10 U	10 U	10 U	1000 U	10 U
95-57-8	2-Chlorophenol	ug/l	10 U	10 U	10 U	1000 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	10 U	10 U	10 U	680 J	10 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10 U	10 U	10 U	1000 U	10 U
88-74-4	2-Nitroaniline	ug/l	10 U	10 U	10 U	1000 U	10 U
88-75-5	2-Nitrophenol	ug/l	10 U	10 U	10 U	1000 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10 U	10 U	10 U	1000 U	10 U
99-09-2	3-Nitroaniline	ug/l	10 U	10 U	10 U	1000 U	10 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	20 U	20 U	20 U	2000 U	20 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10 U	10 U	10 U	1000 U	10 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10 U	10 U	10 U	1000 U	10 U
106-47-8	4-Chloroaniline	ug/l	10 U	10 U	10 U	1000 U	10 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10 U	10 U	10 U	1000 U	10 U
106-44-5	4-Methylphenol (P-Cresol)	ug/l	10 U	10 U	10 U	1000 U	10 U
100-01-6	4-Nitroaniline	ug/l	10 U	10 U	10 U	1000 U	10 U
100-02-7	4-Nitrophenol	ug/l	20 U	20 U	20 U	2000 U	20 U
83-32-9	Acenaphthene	ug/l	10 U	10 U	10 U	1000 U	10 U
208-96-8	Acenaphthylene	ug/l	10 U	10 U	10 U	1000 U	10 U
98-86-2	Acetophenone	ug/l	10 UJ	10 UJ	10 UJ	1000 U	10 UJ
120-12-7	Anthracene	ug/l	10 U	10 U	10 U	1000 U	10 U
1912-24-9	Atrazine	ug/l	2 U	2 U	2 U	200 U	2 U
100-52-7	Benzaldehyde	ug/l	10 UJ	10 UJ	10 UJ	1000 UJ	10 UJ
56-55-3	Benzo(A)Anthracene	ug/l	1 U	1 U	1 U	100 U	1 U
50-32-8	Benzo(A)Pyrene	ug/l	1 U	1 U	1 U	100 U	1 U
205-99-2	Benzo(B)Fluoranthene	ug/l	2 U	2 U	2 U	200 U	2 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10 U	10 U	10 U	1000 UJ	10 U
207-08-9	Benzo(K)Fluoranthene	ug/l	1 U	1 U	1 U	100 U	1 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10 U	10 U	10 U	1000 U	10 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10 U	10 U	10 U	1000 U	10 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10 U	10 U	10 U	1000 U	10 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	1 U	1 U	1 U	100 U	1 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	10 UJ	10 UJ	1000 U	10 UJ
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	2 U	2 U	2 U	200 U	2 U
105-60-2	Caprolactam	ug/l	10 U	10 U	10 U	1000 U	10 U
86-74-8	Carbazole	ug/l	10 U	10 U	10 U	1000 U	10 U
218-01-9	Chrysene	ug/l	2 U	2 U	2 U	200 U	2 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	1 U	1 U	1 U	100 UJ	1 U
132-64-9	Dibenzofuran	ug/l	10 U	10 U	10 U	1000 U	10 U
84-66-2	Diethyl Phthalate	ug/l	10 U	10 U	10 U	1000 U	10 U
131-11-3	Dimethyl Phthalate	ug/l	10 U	10 U	10 U	1000 U	10 U
84-74-2	Di-N-Butyl Phthalate	ug/l	10 U	10 U	10 U	1000 U	10 U
117-84-0	Di-N-Octylphthalate	ug/l	10 U	10 U	10 U	1000 U	10 U
206-44-0	Fluoranthene	ug/l	10 U	10 U	10 U	1000 U	10 U
86-73-7	Fluorene	ug/l	10 U	10 U	10 U	1000 U	10 U
118-74-1	Hexachlorobenzene	ug/l	1 U	1 U	1 U	100 U	1 U
87-68-3	Hexachlorobutadiene	ug/l	1 U	1 U	1 U	100 U	1 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10 U	10 U	10 U	1000 U	10 U
67-72-1	Hexachloroethane	ug/l	2 U	2 U	2 U	200 U	2 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	2 UJ	2 UJ	2 UJ	200 UJ	2 UJ
78-59-1	Isophorone	ug/l	10 U	10 U	10 U	1000 U	10 U
91-20-3	Naphthalene	ug/l	2 U	2 U	2 U	11000	2 U
98-95-3	Nitrobenzene	ug/l	1 U	1 U	1 U	100 U	1 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	1 UJ	1 UJ	1 UJ	100 UJ	1 UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10 U	10 U	10 U	1000 U	10 U
87-86-5	Pentachlorophenol	ug/l	20 U	20 U	20 U	2000 U	20 U
85-01-8	Phenanthrene	ug/l	10 U	10 U	10 U	1000 U	10 U
108-95-2	Phenol	ug/l	10 U	10 U	10 U	1000 U	10 U
129-00-0	Pyrene	ug/l	10 U	10 U	10 U	1000 U	10 U

Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-12B MW-12B-20200625 460-212076-19 TALED 4602120761 GROUND WATER 6/25/2020 7/17/2020	MW-13 MW-13-20200624 460-212076-14 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-14 MW-14-20200624 460-212076-15 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-15 MW-15-20200624 460-212076-16 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-16 MW-16-20200623 460-212076-13 TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	1 U	1 U	5 U	1 U	5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	1 U	1 U	5 U	1 U	5 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1 U	1 U	5 U	1 U	5 U
79-00-5	1,1,2-Trichloroethane	ug/l	1 U	1 U	5 U	1 U	5 U
75-34-3	1,1-Dichloroethane	ug/l	1 U	1 U	5 U	1 U	5 U
75-35-4	1,1-Dichloroethene	ug/l	1 U	1 U	5 U	1 U	5 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	1 U	1 U	5 U	1 U	5 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	1 U	1 U	5 U	1 U	5 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	1 U	1 U	5 U	1 U	5 U
106-93-4	1,2-Dibromoethane	ug/l	1 U	1 U	5 U	1 U	5 U
95-50-1	1,2-Dichlorobenzene	ug/l	1 U	1 U	5 U	1 U	5 U
107-06-2	1,2-Dichloroethane	ug/l	1 U	1 U	5 U	1.3	5 U
78-87-5	1,2-Dichloropropane	ug/l	1 U	1 U	5 U	1 U	5 U
541-73-1	1,3-Dichlorobenzene	ug/l	1 U	1 U	5 U	1 U	5 U
106-46-7	1,4-Dichlorobenzene	ug/l	1 U	1 U	5 U	1 U	5 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	50 U	50 U	250 U	50 U	250 U
591-78-6	2-Hexanone	ug/l	5 U	5 U	25 U	5 U	25 U
67-64-1	Acetone	ug/l	5 U	5 U	25 U	5 U	25 U
71-43-2	Benzene	ug/l	1 U	1 U	12	4.7	98
74-97-5	Bromochloromethane	ug/l	1 U	1 U	5 U	1 U	5 U
75-27-4	Bromodichloromethane	ug/l	1 U	1 U	5 U	1 U	5 U
75-25-2	Bromoform	ug/l	1 UJ	1 U	5 UJ	1 U	5 U
74-83-9	Bromomethane	ug/l	1 UJ	1 UJ	5 UJ	1 UJ	5 UJ
75-15-0	Carbon Disulfide	ug/l	1 U	1 U	5 U	1 U	5 U
56-23-5	Carbon Tetrachloride	ug/l	1 U	1 U	5 U	1 U	5 U
108-90-7	Chlorobenzene	ug/l	1 U	1 U	5 U	1 U	5 U
75-00-3	Chloroethane	ug/l	1 U	1 U	5 U	1 U	5 U
67-66-3	Chloroform	ug/l	1 U	1 U	5 U	1 U	5 U
74-87-3	Chloromethane	ug/l	0.4 J	1 U	5 U	1 U	5 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	1 U	1 U	5 U	1 U	5 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	1 U	1 U	5 U	1 U	5 U
110-82-7	Cyclohexane	ug/l	1 U	1 U	15	3	17
124-48-1	Dibromochloromethane	ug/l	1 U	1 U	5 U	1 U	5 U
75-71-8	Dichlorodifluoromethane	ug/l	1 U	1 U	5 U	1 U	5 U
100-41-4	Ethylbenzene	ug/l	1 U	1 U	230	63	170
98-82-8	Isopropylbenzene (Cumene)	ug/l	1 U	1 U	5.2	5	14
79-20-9	Methyl Acetate	ug/l	5 U	5 U	25 U	5 U	25 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	5 U	5 U	25 U	5 U	25 U
108-10-1	Methyl Isobutyl Ketone	ug/l	5 U	5 U	25 U	5 U	25 U
108-87-2	Methylcyclohexane	ug/l	1 U	1 U	21	3.2	28
75-09-2	Methylene Chloride	ug/l	1 U	1 U	5 U	1 U	5 U
100-42-5	Styrene	ug/l	1 U	1 U	1100	1 U	5 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	1 U	140	2.9 J	32	5 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	1 U	1 U	5 U	1 U	5 U
108-88-3	Toluene	ug/l	1 U	0.41 J	1900	26	1100
156-60-5	Trans-1,2-Dichloroethene	ug/l	1 U	1 U	5 U	1 U	5 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	1 U	1 U	5 U	1 U	5 U
79-01-6	Trichloroethylene (TCE)	ug/l	1 U	1 U	5 U	1 U	2.6 J
75-69-4	Trichlorofluoromethane	ug/l	1 U	1 U	5 U	1 U	5 U
75-01-4	Vinyl Chloride	ug/l	1 U	1 U	5 U	1 U	5 U
1330-20-7	Xylenes (Total)	ug/l	2 U	2 U	1500	110	830

Con Ed - White Plains Validated Groundwater Analytical Data June 2020 SDGs: 460-212076-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-12B MW-12B-20200625 460-212076-19 TALED 4602120761 GROUND WATER 6/25/2020 7/17/2020	MW-13 MW-13-20200624 460-212076-14 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-14 MW-14-20200624 460-212076-15 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-15 MW-15-20200624 460-212076-16 TALED 4602120761 GROUND WATER 6/24/2020 7/17/2020	MW-16 MW-16-20200623 460-212076-13 TALED 4602120761 GROUND WATER 6/23/2020 7/17/2020
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-95-4	2,4,5-Trichlorophenol	ug/l	10 U	10 U	500 U	10 U	500 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10 U	10 U	500 U	10 U	500 U
120-83-2	2,4-Dichlorophenol	ug/l	10 U	10 U	500 U	10 U	500 U
105-67-9	2,4-Dimethylphenol	ug/l	10 U	10 U	500 U	10 U	500 U
51-28-5	2,4-Dinitrophenol	ug/l	20 U	20 U	1000 U	20 U	1000 U
121-14-2	2,4-Dinitrotoluene	ug/l	2 U	2 U	100 U	2 U	100 U
606-20-2	2,6-Dinitrotoluene	ug/l	2 U	2 U	100 U	2 U	100 U
91-58-7	2-Chloronaphthalene	ug/l	10 U	10 U	500 U	10 U	500 U
95-57-8	2-Chlorophenol	ug/l	10 U	10 U	500 U	10 U	500 U
91-57-6	2-Methylnaphthalene	ug/l	10 U	10 U	330 J	10 U	130 J
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10 U	10 U	500 U	10 U	500 U
88-74-4	2-Nitroaniline	ug/l	10 U	10 U	500 U	10 U	500 U
88-75-5	2-Nitrophenol	ug/l	10 U	10 U	500 U	10 U	500 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10 U	10 U	500 U	10 U	500 U
99-09-2	3-Nitroaniline	ug/l	10 U	10 U	500 U	10 U	500 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	20 U	20 U	1000 U	20 U	1000 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10 U	10 U	500 U	10 U	500 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10 U	10 U	500 U	10 U	500 U
106-47-8	4-Chloroaniline	ug/l	10 U	10 U	500 U	10 U	500 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10 U	10 U	500 U	10 U	500 U
106-44-5	4-Methylphenol (P-Cresol)	ug/l	10 U	10 U	500 U	10 U	500 U
100-01-6	4-Nitroaniline	ug/l	10 U	10 U	500 U	10 U	500 U
100-02-7	4-Nitrophenol	ug/l	20 U	20 U	1000 U	20 U	1000 U
83-32-9	Acenaphthene	ug/l	10 U	10 U	500 U	1.6 J	500 U
208-96-8	Acenaphthylene	ug/l	10 U	10 U	200 J	16	67 J
98-86-2	Acetophenone	ug/l	10 UJ	10 UJ	500 U	10 UJ	500 U
120-12-7	Anthracene	ug/l	10 U	10 U	500 U	10 U	500 U
1912-24-9	Atrazine	ug/l	2 U	2 U	100 U	2 U	100 U
100-52-7	Benzaldehyde	ug/l	10 UJ	10 UJ	500 UJ	10 UJ	500 UJ
56-55-3	Benzo(A)Anthracene	ug/l	1 U	1 U	50 U	1 U	50 U
50-32-8	Benzo(A)Pyrene	ug/l	1 U	1 U	50 U	1 U	50 U
205-99-2	Benzo(B)Fluoranthene	ug/l	2 U	2 U	100 U	2 U	100 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10 U	10 U	500 UJ	10 U	500 UJ
207-08-9	Benzo(K)Fluoranthene	ug/l	1 U	1 U	50 U	1 U	50 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10 U	10 U	500 U	10 U	500 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10 U	10 U	500 U	2.2 J	500 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10 U	10 U	500 U	10 U	500 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	1 U	1 U	50 U	1 U	50 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	10 UJ	500 U	10 UJ	500 U
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	2 U	2 U	100 U	2 U	100 U
105-60-2	Caprolactam	ug/l	10 U	10 U	500 U	10 U	500 U
86-74-8	Carbazole	ug/l	10 U	10 U	500 U	10 U	500 U
218-01-9	Chrysene	ug/l	2 U	2 U	100 U	2 U	100 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	1 U	1 U	50 UJ	1 U	50 UJ
132-64-9	Dibenzofuran	ug/l	10 U	10 U	500 U	10 U	500 U
84-66-2	Diethyl Phthalate	ug/l	10 U	10 U	500 U	10 U	500 U
131-11-3	Dimethyl Phthalate	ug/l	10 U	10 U	500 U	10 U	500 U
84-74-2	Di-N-Butyl Phthalate	ug/l	10 U	10 U	500 U	10 U	500 U
117-84-0	Di-N-Octylphthalate	ug/l	10 U	10 U	500 U	10 U	500 U
206-44-0	Fluoranthene	ug/l	10 U	10 U	500 U	10 U	500 U
86-73-7	Fluorene	ug/l	10 U	10 U	500 U	10 U	500 U
118-74-1	Hexachlorobenzene	ug/l	1 U	1 U	50 U	1 U	50 U
87-68-3	Hexachlorobutadiene	ug/l	1 U	1 U	50 U	1 U	50 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10 U	10 U	500 U	10 U	500 U
67-72-1	Hexachloroethane	ug/l	2 U	2 U	100 U	2 U	100 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	2 UJ	2 UJ	100 UJ	2 UJ	100 UJ
78-59-1	Isophorone	ug/l	10 U	10 U	500 U	10 U	500 U
91-20-3	Naphthalene	ug/l	2 U	1.6 J	4900	98	2800
98-95-3	Nitrobenzene	ug/l	1 U	1 U	50 U	1 U	50 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	1 UJ	1 UJ	50 UJ	1 UJ	50 UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10 U	10 U	500 U	10 U	500 U
87-86-5	Pentachlorophenol	ug/l	20 U	20 U	1000 U	20 U	1000 U
85-01-8	Phenanthrene	ug/l	10 U	10 U	33 J	10 U	500 U
108-95-2	Phenol	ug/l	10 U	10 U	500 U	10 U	500 U
129-00-0	Pyrene	ug/l	10 U	10 U	500 U	10 U	500 U

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CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1 U	1 U	1 U	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/l	1 U	1 U	1 U	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	1 U	1 U	1 U	1 U	1 U
106-93-4	1,2-Dibromoethane	ug/l	1 U	1 U	1 U	1 U	1 U
95-50-1	1,2-Dichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/l	1 U	0.5 J	1 U	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/l	1 U	1 U	1 U	1 U	1 U
541-73-1	1,3-Dichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
106-46-7	1,4-Dichlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	50 U	50 U	50 U	50 U	50 U
591-78-6	2-Hexanone	ug/l	5 U	5 U	5 U	5 U	5 U
67-64-1	Acetone	ug/l	5 U	5 U	6.6	5 U	5.9
71-43-2	Benzene	ug/l	1 U	3.4	1 U	1 U	32
74-97-5	Bromochloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-27-4	Bromodichloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-25-2	Bromoform	ug/l	1 U	1 UJ	1 U	1 U	1 U
74-83-9	Bromomethane	ug/l	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
75-15-0	Carbon Disulfide	ug/l	1 U	1 U	1 U	1 U	1 U
56-23-5	Carbon Tetrachloride	ug/l	1 U	1 U	1 U	1 U	1 U
108-90-7	Chlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
75-00-3	Chloroethane	ug/l	1 U	1 U	1 U	1 U	1 U
67-66-3	Chloroform	ug/l	1 U	1 U	1 U	1 U	1 U
74-87-3	Chloromethane	ug/l	1 U	1 U	0.56 J	1 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	1 U	0.27 J	1 U	1 U	1 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	1 U	1 U
110-82-7	Cyclohexane	ug/l	1 U	1 U	1 U	1 U	2.9
124-48-1	Dibromochloromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-71-8	Dichlorodifluoromethane	ug/l	1 U	1 U	1 U	1 U	1 U
100-41-4	Ethylbenzene	ug/l	1 U	1 U	1 U	1 U	1 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	1 U	2.8	1 U	1 U	1.2
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	5 U	5 U	5 U	5 U	5 U
108-10-1	Methyl Isobutyl Ketone	ug/l	5 U	5 U	5 U	5 U	5 U
108-87-2	Methylcyclohexane	ug/l	1 U	1 U	1 U	1 U	0.91 J
75-09-2	Methylene Chloride	ug/l	1 U	1 U	1 U	1 U	1 U
100-42-5	Styrene	ug/l	1 U	1 U	1 U	1 U	1 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	1 U	1.4	1 U	1 U	1 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	1 U	1 U	1 U	1 U	1 U
108-88-3	Toluene	ug/l	1 U	1.2	1 U	1 U	1 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	1 U	1 U	1 U	1 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	1 U	1 U	1 U	1 U	1 U
79-01-6	Trichloroethylene (TCE)	ug/l	1 U	0.51 J	1 U	1 U	1 U
75-69-4	Trichlorofluoromethane	ug/l	1 U	1 U	1 U	1 U	1 U
75-01-4	Vinyl Chloride	ug/l	1 U	1 U	1 U	1 U	1 U
1330-20-7	Xylenes (Total)	ug/l	2 U	8.5	2 U	2 U	3.7

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CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-95-4	2,4,5-Trichlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
120-83-2	2,4-Dichlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
105-67-9	2,4-Dimethylphenol	ug/l	10 U	10 U	10 U	10 U	10 U
51-28-5	2,4-Dinitrophenol	ug/l	20 U	20 U	20 U	20 U	20 U
121-14-2	2,4-Dinitrotoluene	ug/l	2 U	2 U	2 U	2 U	2 U
606-20-2	2,6-Dinitrotoluene	ug/l	2 U	2 U	2 U	2 U	2 U
91-58-7	2-Chloronaphthalene	ug/l	10 U	10 U	10 U	10 U	10 U
95-57-8	2-Chlorophenol	ug/l	10 U	10 U	10 U	10 U	10 U
91-57-6	2-Methylnaphthalene	ug/l	10 U	10 U	10 U	10 U	10 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10 U	10 U	10 U	10 U	10 U
88-74-4	2-Nitroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
88-75-5	2-Nitrophenol	ug/l	10 U	10 U	10 U	10 U	10 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10 U	10 U	10 U	10 U	10 U
99-09-2	3-Nitroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	20 U	20 U	20 U	20 U	20 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10 U	10 U	10 U	10 U	10 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10 U	10 U	10 U	10 U	10 U
106-47-8	4-Chloroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10 U	10 U	10 U	10 U	10 U
106-44-5	4-Methylphenol (P-Cresol)	ug/l	10 U	10 U	10 U	10 U	10 U
100-01-6	4-Nitroaniline	ug/l	10 U	10 U	10 U	10 U	10 U
100-02-7	4-Nitrophenol	ug/l	20 U	20 U	20 U	20 U	20 U
83-32-9	Acenaphthene	ug/l	10 U	3.8 J	10 U	10 U	11
208-96-8	Acenaphthylene	ug/l	10 U	15	10 U	10 U	10 U
98-86-2	Acetophenone	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
120-12-7	Anthracene	ug/l	10 U	10 U	10 U	10 U	10 U
1912-24-9	Atrazine	ug/l	2 U	2 U	2 U	2 U	2 U
100-52-7	Benzaldehyde	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
56-55-3	Benzo(A)Anthracene	ug/l	1 U	1 U	1 U	1 U	1 U
50-32-8	Benzo(A)Pyrene	ug/l	1 U	1 U	1 U	1 U	1 U
205-99-2	Benzo(B)Fluoranthene	ug/l	2 U	2 U	2 U	2 U	2 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10 U	10 U	10 U	10 U	10 U
207-08-9	Benzo(K)Fluoranthene	ug/l	1 U	1 U	1 U	1 U	1 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10 U	10 U	10 U	10 U	10 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10 U	10 U	10 U	10 U	10 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	1 U	1 U	1 U	1 U	1 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	2 U	2 U	2 U	2 U	2 U
105-60-2	Caprolactam	ug/l	10 U	10 U	10 U	10 U	10 U
86-74-8	Carbazole	ug/l	10 U	10 U	10 U	10 U	1.5 J
218-01-9	Chrysene	ug/l	2 U	2 U	2 U	2 U	2 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	1 U	1 U	1 U	1 U	1 U
132-64-9	Dibenzofuran	ug/l	10 U	10 U	10 U	10 U	10 U
84-66-2	Diethyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
131-11-3	Dimethyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
84-74-2	Di-N-Butyl Phthalate	ug/l	10 U	10 U	10 U	10 U	10 U
117-84-0	Di-N-Octylphthalate	ug/l	10 U	10 U	10 U	10 U	10 U
206-44-0	Fluoranthene	ug/l	10 U	10 U	10 U	10 U	10 U
86-73-7	Fluorene	ug/l	10 U	10 U	10 U	10 U	10 U
118-74-1	Hexachlorobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
87-68-3	Hexachlorobutadiene	ug/l	1 U	1 U	1 U	1 U	1 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10 U	10 U	10 U	10 U	10 U
67-72-1	Hexachloroethane	ug/l	2 U	2 U	2 U	2 U	2 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
78-59-1	Isophorone	ug/l	10 U	10 U	10 U	10 U	10 U
91-20-3	Naphthalene	ug/l	2 U	2.1	2 U	2 U	1.3 J
98-95-3	Nitrobenzene	ug/l	1 U	1 U	1 U	1 U	1 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
86-30-6	N-Nitrosodiphenylamine	ug/l	10 U	10 U	10 U	10 U	10 U
87-86-5	Pentachlorophenol	ug/l	20 U	20 U	20 U	20 U	20 U
85-01-8	Phenanthrene	ug/l	10 U	0.66 J	10 U	10 U	10 U
108-95-2	Phenol	ug/l	10 U	10 U	10 U	10 U	10 U
129-00-0	Pyrene	ug/l	10 U	10 U	10 U	10 U	10 U

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CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
71-55-6	1,1,1-Trichloroethane	ug/l	1 U	1 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	1 U	1 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	1 U	1 U
79-00-5	1,1,2-Trichloroethane	ug/l	1 U	1 U
75-34-3	1,1-Dichloroethane	ug/l	1 U	1 U
75-35-4	1,1-Dichloroethene	ug/l	1 U	1 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	1 U	1 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	1 U	1 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	1 U	1 U
106-93-4	1,2-Dibromoethane	ug/l	1 U	1 U
95-50-1	1,2-Dichlorobenzene	ug/l	1 U	1 U
107-06-2	1,2-Dichloroethane	ug/l	1 U	1 U
78-87-5	1,2-Dichloropropane	ug/l	1 U	1 U
541-73-1	1,3-Dichlorobenzene	ug/l	1 U	1 U
106-46-7	1,4-Dichlorobenzene	ug/l	1 U	1 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	50 U	50 U
591-78-6	2-Hexanone	ug/l	5 U	5 U
67-64-1	Acetone	ug/l	5 U	5 U
71-43-2	Benzene	ug/l	1 U	1 U
74-97-5	Bromochloromethane	ug/l	1 U	1 U
75-27-4	Bromodichloromethane	ug/l	1 U	1 U
75-25-2	Bromoform	ug/l	1 U	1 U
74-83-9	Bromomethane	ug/l	1 UJ	1 UJ
75-15-0	Carbon Disulfide	ug/l	1 U	1 U
56-23-5	Carbon Tetrachloride	ug/l	1 U	1 U
108-90-7	Chlorobenzene	ug/l	1 U	1 U
75-00-3	Chloroethane	ug/l	1 U	1 U
67-66-3	Chloroform	ug/l	0.43 J	1 U
74-87-3	Chloromethane	ug/l	1 U	1 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	1 U	1 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	1 U	1 U
110-82-7	Cyclohexane	ug/l	1 U	1 U
124-48-1	Dibromochloromethane	ug/l	1 U	1 U
75-71-8	Dichlorodifluoromethane	ug/l	1 U	1 U
100-41-4	Ethylbenzene	ug/l	1 U	1 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	1 U	1 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	5 U	5 U
108-10-1	Methyl Isobutyl Ketone	ug/l	5 U	5 U
108-87-2	Methylcyclohexane	ug/l	1 U	1 U
75-09-2	Methylene Chloride	ug/l	1 U	1 U
100-42-5	Styrene	ug/l	1 U	1 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	1 U	1 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	1 U	1 U
108-88-3	Toluene	ug/l	1 U	1 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	1 U	1 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	1 U	1 U
79-01-6	Trichloroethylene (TCE)	ug/l	1 U	1 U
75-69-4	Trichlorofluoromethane	ug/l	1 U	1 U
75-01-4	Vinyl Chloride	ug/l	1 U	1 U
1330-20-7	Xylenes (Total)	ug/l	2 U	2 U

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CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
95-95-4	2,4,5-Trichlorophenol	ug/l	10 U	
88-06-2	2,4,6-Trichlorophenol	ug/l	10 U	
120-83-2	2,4-Dichlorophenol	ug/l	10 U	
105-67-9	2,4-Dimethylphenol	ug/l	10 U	
51-28-5	2,4-Dinitrophenol	ug/l	20 U	
121-14-2	2,4-Dinitrotoluene	ug/l	2 U	
606-20-2	2,6-Dinitrotoluene	ug/l	2 U	
91-58-7	2-Chloronaphthalene	ug/l	10 U	
95-57-8	2-Chlorophenol	ug/l	10 U	
91-57-6	2-Methylnaphthalene	ug/l	10 U	
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10 U	
88-74-4	2-Nitroaniline	ug/l	10 UJ	
88-75-5	2-Nitrophenol	ug/l	10 U	
91-94-1	3,3'-Dichlorobenzidine	ug/l	10 U	
99-09-2	3-Nitroaniline	ug/l	10 U	
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	20 U	
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10 U	
59-50-7	4-Chloro-3-Methylphenol	ug/l	10 U	
106-47-8	4-Chloroaniline	ug/l	10 U	
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10 U	
106-44-5	4-Methylphenol (P-Cresol)	ug/l	10 U	
100-01-6	4-Nitroaniline	ug/l	10 U	
100-02-7	4-Nitrophenol	ug/l	20 UJ	
83-32-9	Acenaphthene	ug/l	10 U	
208-96-8	Acenaphthylene	ug/l	10 U	
98-86-2	Acetophenone	ug/l	10 U	
120-12-7	Anthracene	ug/l	10 U	
1912-24-9	Atrazine	ug/l	2 U	
100-52-7	Benzaldehyde	ug/l	10 UJ	
56-55-3	Benzo(A)Anthracene	ug/l	1 U	
50-32-8	Benzo(A)Pyrene	ug/l	1 U	
205-99-2	Benzo(B)Fluoranthene	ug/l	2 U	
191-24-2	Benzo(G,H,I)Perylene	ug/l	10 UJ	
207-08-9	Benzo(K)Fluoranthene	ug/l	1 U	
85-68-7	Benzyl Butyl Phthalate	ug/l	10 U	
92-52-4	Biphenyl (Diphenyl)	ug/l	10 U	
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10 U	
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	1 U	
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	2 UJ	
105-60-2	Caprolactam	ug/l	10 U	
86-74-8	Carbazole	ug/l	10 U	
218-01-9	Chrysene	ug/l	2 U	
53-70-3	Dibenz(A,H)Anthracene	ug/l	1 UJ	
132-64-9	Dibenzofuran	ug/l	10 U	
84-66-2	Diethyl Phthalate	ug/l	10 U	
131-11-3	Dimethyl Phthalate	ug/l	10 U	
84-74-2	Di-N-Butyl Phthalate	ug/l	10 U	
117-84-0	Di-N-Octylphthalate	ug/l	10 U	
206-44-0	Fluoranthene	ug/l	10 U	
86-73-7	Fluorene	ug/l	10 U	
118-74-1	Hexachlorobenzene	ug/l	1 U	
87-68-3	Hexachlorobutadiene	ug/l	1 U	
77-47-4	Hexachlorocyclopentadiene	ug/l	10 U	
67-72-1	Hexachloroethane	ug/l	2 U	
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	2 UJ	
78-59-1	Isophorone	ug/l	10 UJ	
91-20-3	Naphthalene	ug/l	2 U	
98-95-3	Nitrobenzene	ug/l	1 U	
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	1 U	
86-30-6	N-Nitrosodiphenylamine	ug/l	10 U	
87-86-5	Pentachlorophenol	ug/l	20 U	
85-01-8	Phenanthrene	ug/l	10 U	
108-95-2	Phenol	ug/l	10 U	
129-00-0	Pyrene	ug/l	10 U	