Consolidated Edison Company
of New York, Inc.
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Long Island City, NY 11105-2048
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March 30, 2020

Mr. Matthew King
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 11th Floor
Albany, New York 12233-1011

RE: Consolidated Edison Company of New York, Inc.
December 2019 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 December 2019 semi-annual groundwater sampling activities, performed in support of the New York State Department of Environmental Conservation (NYSDEC) approved March 2011 Site Management Plan (SMP) for the White Plains Former Manufactured Gas Plant (MGP) Site Operable Unit Nos. 1 and 2 located in White Plains, New York (the Site). A Site Location Map is included as Figure 1 and a Monitoring Well Location Map is included as Figure 2.

This GMR documents the semi-annual groundwater sampling activities performed from December 2 to 6, 2019. 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 Test America 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 December 2, 2019. Recovery wells and peizometers were also gauged on December 2, 2019. 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 184.82 (MW-6) to 176.60 (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 MW-12C as presented in Table 1B. DNAPL conditions within the 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 seventeen (17) gallons of NAPL/water was removed from monitoring well MW-12C including approximately 0.5 gallons 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)).

December 2019 Groundwater Sampling - Field Observations

As described above, DNAPL was observed at MW-12C during the December 2019 groundwater sampling event (see Table 1B). Additionally, coal tar was observed on the interface probe during the gauging of RW-3. 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 May 2019 semi-annual groundwater sampling event, as well as historic sampling events. Analytical results from the groundwater investigation are summarized below.

VOCs

A total of fifteen (15) VOCs were detected at least once in the groundwater samples collected during this semi-annual groundwater sampling event. Of these, eight (8) VOCs (isopropylbenzene, styrene, tert-butyl methyl ether, benzene, ethylbenzene, toluene, xylene (total), and 1,2-dichloroethane) were detected at concentrations exceeding their AWQSGVs. 1,2-dichloroethane is a chlorinated Volatile Organic Compound (CVOC) 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 was detected above its AWQSGV in four (4) monitoring wells (MW-11C, MW-14, MW-16, and MW-101). Styrene was detected above its AWQSGV in four (4) monitoring wells (MW-9, MW-11C, MW-14, and MW-16,). Tert-butyl methyl ether was detected above its AWQSGV in one (1) monitoring well (MW-16). Benzene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-14, MW-16, MW-18, and MW-101). Ethylbenzene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-11C, MW-14, MW-16, and MW-101). Toluene was detected above its AWQSGV in three (3) monitoring wells (MW-9, MW-14, MW-16, and MW-101). Total Xylenes was detected above its AWQSGV in seven (7) monitoring wells (MW-9, MW-11C, MW-14, MW-15, MW-16, MW-18, MW-101).

No VOCs were detected above AWQSGVs in eleven (11) monitoring wells (MW-6, MW-7, MW-8, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20). Groundwater VOC analytical results are summarized in Table 2.

SVOCs

A total of three (3) SVOCs and six (6) PAHs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, one (1) SVOC (phenol) and two (2) PAHs (acenaphthalene and naphthalene) were detected at concentrations exceeding their AWQSGVs. Phenol was detected above its AWQSGV in one (1) monitoring well (MW-16). Acenaphtalene was detected above its AWQSGV in one (1) monitoring well (MW-101). Naphthalene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-11C, MW-14, MW-16, and MW-101).

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-15, MW-17, MW-18, MW-19, and MW-20). 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 and total VOC concentrations are within previously detected ranges in each monitoring well with the exception of MW-13 and MW-16 where total VOC concentrations were lower than historic sampling events. BTEX concentrations were at non-detect levels in monitoring wells MW-6, MW-7, MW-8, MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-19 and MW-20 during the December 2019 groundwater sampling event.

Total VOC concentrations in monitoring wells MW-7, MW-10, MW-11A, MW-11B, 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 with the exception of MW-10 and MW-17 where total PAH and total SVOCs concentrations were higher that historic sampling events. Total SVOC and total PAH concentrations were at non-detect levels in monitoring wells MW-6, MW-7, MW-8,

MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-19, and MW-20 during the December 2019 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 various groundwater sampling events.

DNAPL continues to be observed within the sump of monitoring well MW-12C. Based on field observations during the December 2019 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 December 2019 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) 204-4205.

Sincerely,

Y. Skorobogatov

Yelena Skorobogatov
Technical Specialist
MGP Remediation
Environment, Health and Safety

Enclosures (figures/tables)
Attachments

cc:
Anthony Perretta, NYSDOH
Dolores Tuohy, Esq., NYSDEC Albany
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	3.00	**184.82**	ND	5 - 15	16.05
MW-7	189.51	8.42	**181.09**	ND	7 - 17	15.95
MW-8	202.08	24.58	**177.50**	ND	20 - 40	39.40
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	24.35	**180.25**	ND	16 - 51	44.94
RW-2	200.05	22.05	**178.00**	ND	18 - 48	44.30
RW-3	203.60	24.90	**178.70**	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	24.71	**178.84**	ND	19 - 49	48.80
RW-7	203.97	23.85	**180.12**	ND	17.5 - 47.5	45.68
PZ-1	203.63	24.45	**179.18**	ND	15 - 35	36.50
PZ-2	203.59	24.40	**179.19**	ND	15 - 35	35.40
PZ-3	200.21	23.60	**176.61**	ND	15 - 35	34.85
PZ-4	200.14	23.64	**176.50**	ND	15 - 35	34.60
MW-101	203.07	25.35	**177.72**	ND	NA	60.25

AMSL = Above Mean Sea Level
Gauging conducted on December 2, 2019

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

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	NAPL Thickness (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-10	198.45	21.00	**177.45**	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	27.60	**177.36**	ND	NA	40-45	44.45
MW-12C	205.14	27.82	**177.32**	~59.40	~1.0	50-60	~60.40
MW-13	204.84	27.63	**177.21**	ND	NA	55-65	64.44
MW-14	205.00	27.74	**177.26**	ND	NA	55 - 65	64.35
MW-15	207.60	30.50	**177.10**	ND	NA	57-67	66.50
MW-16	205.96	28.82	**177.14**	ND	NA	55-65	64.38
MW-17	204.95	27.80	**177.15**	ND	NA	40-50	49.84
MW-9	207.34	30.40	**176.94**	ND	NA	52-62	61.80
MW-18	208.9	32.30	**176.60**	ND	NA	60 - 70	71.6
MW-19	188.24	8.51	**179.73**	ND	NA	5 - 20	20.08
MW-20	191.58	14.43	**177.15**	ND	NA	5 - 20	19.82

AMSL = Above Mean Sea Level

Gauging conducted on December 2, 2019

(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 December 2019 SDGs: 460-198342-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-6 MW-6-20191203 460-198342-7 TALED 4601983421 WATER 12/3/2019 10:50 12/30/2019 ug/l	MW-7 MW-7-20191203 460-198342-6 TALED 4601983421 WATER 12/3/2019 9:50 12/30/2019 ug/l	MW-8 MW-8-20191204 460-198342-10 TALED 4601983421 WATER 12/4/2019 8:30 12/30/2019 ug/l	MW-9 MW-9-20191205 460-198342-16 TALED 4601983421 WATER 12/5/2019 8:10 12/30/2019 ug/l	MW-10 MW-10-20191205 460-198342-19 TALED 4601983421 WATER 12/5/2019 13:45 12/30/2019 ug/l	MW-11A MW-11A-20191202 460-198342-2 TALED 4601983421 WATER 12/2/2019 10:40 12/30/2019 ug/l	Duplicate of MW-11A-20191202 MW-11A MW-111A-20191202 460-198342-1 TALED 4601983421 WATER 12/2/2019 12:00 12/30/2019 ug/l
CAS NO.	COMPOUND									
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	NS	ug/l	ND	ND	ND	1.9	ND	ND	ND
98-82-8	Isopropylbenzene (Cumene)	5	ug/l	ND	ND	ND	1.7	ND	ND	ND
108-87-2	Methylcyclohexane	NS	ug/l	ND	ND	ND	1.6	ND	ND	ND
100-42-5	Styrene	5	ug/l	ND	ND	ND	91	ND	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	ND	2.7	ND	ND	ND
	BTEX									
71-43-2	Benzene	1	ug/l	ND	ND	ND	7.4	ND	ND	ND
100-41-4	Ethylbenzene	5	ug/l	ND	ND	ND	20	ND	ND	ND
108-88-3	Toluene	5	ug/l	ND	ND	ND	240	0.64 J	ND	ND
1330-20-7	Xylenes, Total	5	ug/l	ND	ND	ND	110	ND	ND	ND
	CVOCs									
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	1.3	ND	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	0.44 J	ND	ND	ND
127-18-4	Tetrachloroethylene (PCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethylene (TCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND
	Total VOCs			ND	ND	ND	478.04	0.64	ND	ND
	SEMIVOLATILES									
86-74-8	Carbazole	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	ug/l	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	Acenaphthene	20 (G)	ug/l	ND	ND	ND	2.8 J	ND	ND	ND
208-96-8	Acenaphthylene	NS	ug/l	ND	ND	ND	16 J	ND	ND	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	ND	ND	ND	10 J	ND	ND	ND
91-20-3	Naphthalene	10 (G)	ug/l	ND	ND	ND	260	5.6 J	ND	ND
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
	Total PAHs			ND	ND	ND	288.8	5.6	ND	ND
	Total SVOCs			ND	ND	ND	288.8	5.6	ND	ND

Notes:

	Indicates concentration exceeds standard or guidance value.
(G)	Indicates guidance value.
NS	No standard or guidance value available.
ND	Indicates compound was not detected.
J	Indicates an estimated concentration.
ug/l	Micrograms per liter

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 December 2019 SDGs: 460-198342-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-11B MW-11B-20191202 460-198342-3 TALED 4601983421 WATER 12/2/2019 11:50 12/30/2019	MW-11C MW-11C-20191205 460-198342-18 TALED 4601983421 WATER 12/5/2019 11:25 12/30/2019	MW-12A MW-12A-20191204 460-198342-12 TALED 4601983421 WATER 12/4/2019 10:55 12/30/2019	MW-12B MW-12B-20191204 460-198342-13 TALED 4601983421 WATER 12/4/2019 11:50 12/30/2019	MW-13 MW-13-20191204 460-198342-14 TALED 4601983421 WATER 12/4/2019 12:40 12/30/2019	MW-14 MW-14-20191206 460-198342-21 TALED 4601983421 WATER 12/6/2019 9:55 12/30/2019	MW-15 MW-15-20191204 460-198342-15 TALED 4601983421 WATER 12/4/2019 13:45 12/30/2019
CAS NO.	COMPOUND									
	VOLATILES									
67-64-1	Acetone	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	5.7
110-82-7	Cyclohexane	NS	ug/l	ND	31	ND	ND	ND	15	ND
98-82-8	Isopropylbenzene (Cumene)	5	ug/l	ND	21	ND	ND	ND	5.7	0.34 J
108-87-2	Methylcyclohexane	NS	ug/l	ND	62	ND	ND	ND	24	ND
100-42-5	Styrene	5	ug/l	ND	150	ND	ND	ND	920	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	ND	ND	160	2.5 J	4.9
	BTEX									
71-43-2	Benzene	1	ug/l	ND	ND	ND	ND	ND	6.9	0.54 J
100-41-4	Ethylbenzene	5	ug/l	ND	100	ND	ND	ND	240	3.8
108-88-3	Toluene	5	ug/l	ND	2.3	ND	ND	ND	2000	1.8
1330-20-7	Xylenes, Total	5	ug/l	ND	1400	ND	ND	ND	1500	8.1
	CVOCs									
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	ND	1.9	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethylene (PCE)	5	ug/l	ND	4.3	ND	ND	ND	ND	ND
79-01-6	Trichloroethylene (TCE)	5	ug/l	ND	4.8	ND	ND	ND	ND	ND
	Total VOCs			ND	1775.4	ND	ND	161.9	4714.1	25.18
	SEMIVOLATILES									
86-74-8	Carbazole	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	1	ug/l	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	Acenaphthene	20 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	NS	ug/l	ND	ND	ND	ND	ND	210 J	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	ND	670 J	ND	ND	ND	340 J	ND
91-20-3	Naphthalene	10 (G)	ug/l	ND	11000	ND	ND	ND	4500	5 J
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	ND	ND	ND	36 J	ND
	Total PAHs			ND	11670	ND	ND	ND	5086	5
	Total SVOCs			ND	11670	ND	ND	ND	5086	5

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

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 December 2019 SDGs: 460-198342-1 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated: UNITS:	MW-16 MW-16-20191205 460-198342-17 TALED 4601983421 WATER 12/5/2019 10:00 12/30/2019	MW-17 MW-17-20191206 460-198342-20 TALED 4601983421 WATER 12/6/2019 8:45 12/30/2019	MW-18 MW-18-20191204 460-198342-11 TALED 4601983421 WATER 12/4/2019 9:40 12/30/2019	MW-19 MW-19-20191203 460-198342-4 TALED 4601983421 WATER 12/3/2019 8:50 12/30/2019	MW-20 MW-20-20191203 460-198342-9 TALED 4601983421 WATER 12/3/2019 13:30 12/30/2019	MW-101 MW-101-20191203 460-198342-8 TALED 4601983421 WATER 12/3/2019 12:20 12/30/2019
CAS NO.	COMPOUND								
	VOLATILES								
67-64-1	Acetone	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	NS	ug/l	12	ND	2.3	ND	ND	10
98-82-8	Isopropylbenzene (Cumene)	5	ug/l	11	ND	4.9	ND	ND	10
108-87-2	Methylcyclohexane	NS	ug/l	23	ND	1.5	ND	ND	9.4
100-42-5	Styrene	5	ug/l	170	ND	ND	ND	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	2.1	ND	ND	ND
	BTEX								
71-43-2	Benzene	1	ug/l	68	ND	16	ND	ND	13
100-41-4	Ethylbenzene	5	ug/l	150	ND	1.3	ND	ND	12
108-88-3	Toluene	5	ug/l	960	ND	4.2	ND	ND	0.5 J
1330-20-7	Xylenes, Total	5	ug/l	730	ND	17	ND	ND	6.2
	CVOCs								
67-66-3	Chloroform	7	ug/l	ND	1.7	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	1.1	ND	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	0.43 J	ND	ND	ND
127-18-4	Tetrachloroethylene (PCE)	5	ug/l	ND	ND	0.4 J	ND	ND	ND
79-01-6	Trichloroethylene (TCE)	5	ug/l	1.8 J	ND	1.1	ND	ND	ND
	Total VOCs			2125.8	1.7	52.33	ND	ND	61.1
	SEMIVOLATILES								
86-74-8	Carbazole	NS	ug/l	ND	ND	ND	ND	ND	7.6 J
132-64-9	Dibenzofuran	NS	ug/l	ND	ND	ND	ND	ND	2.3 J
108-95-2	Phenol	1	ug/l	16 J	ND	ND	ND	ND	ND
	PAHs								
83-32-9	Acenaphthene	20 (G)	ug/l	ND	ND	3.5 J	ND	ND	42
208-96-8	Acenaphthylene	NS	ug/l	73 J	ND	11	ND	ND	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	ND	ND	ND	6.8 J
91-57-6	2-Methylnaphthalene	NS	ug/l	120 J	ND	ND	ND	ND	22
91-20-3	Naphthalene	10 (G)	ug/l	3400	1.2 J	3.8 J	ND	ND	190
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
	Total PAHs			3593	1.2	18.3	ND	ND	260.8
	Total SVOCs			3609	1.2	18.3	ND	ND	270.7

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

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
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
	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
	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
	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
MW-7	Total BTEX	ND	NA	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
	Total PAH	0.22	NA	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
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
	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
	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
	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
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
	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
	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
	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
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
	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
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.60
	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
MW-11A	Total BTEX	NA	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
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	2.80	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
MW-11B	Total BTEX	NA	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
	Total PAH	NA	5.70	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
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
	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
	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
	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

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

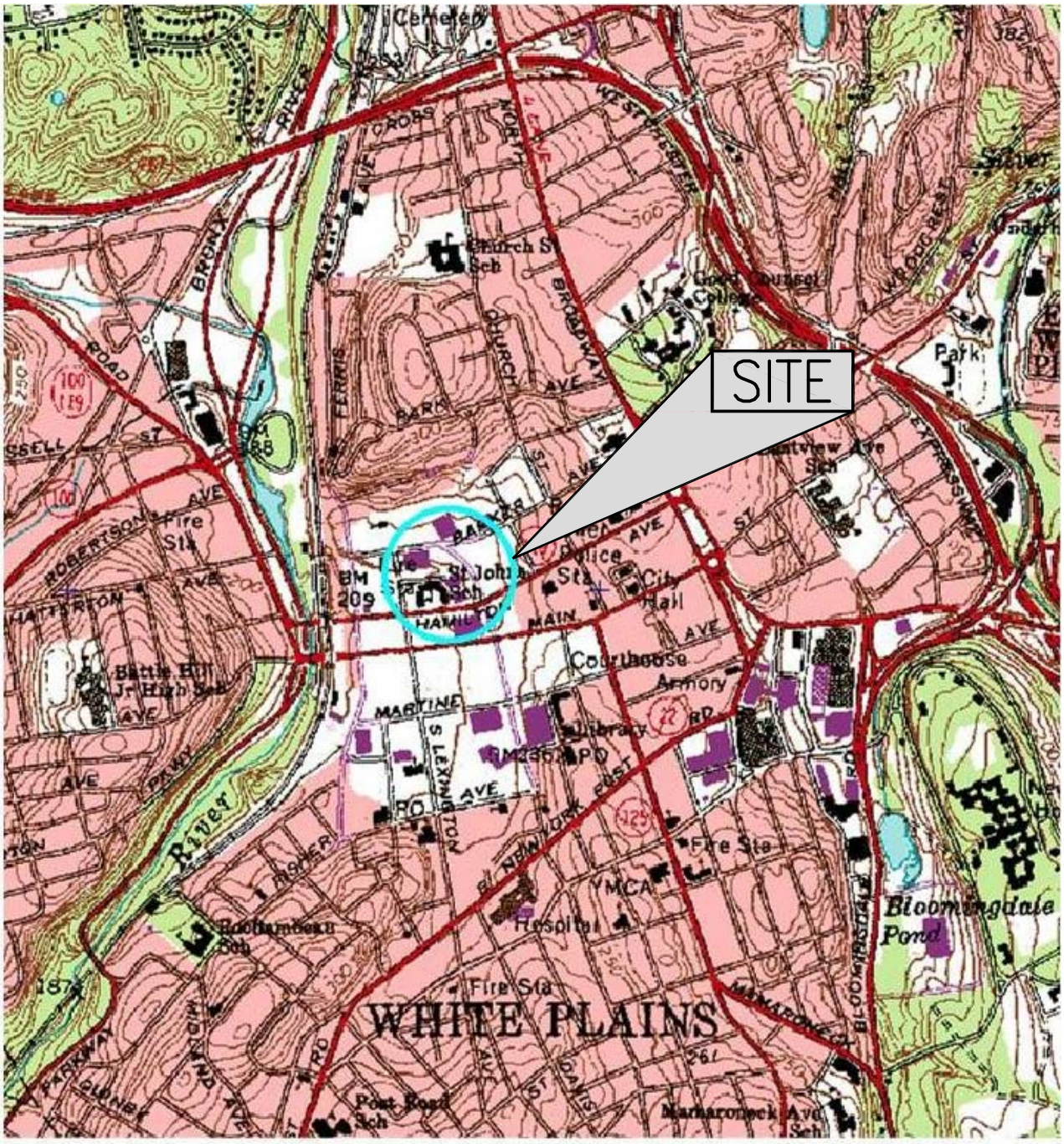
Monitoring Well ID	Compounds	Sample Date (Month/Year)																			
		7/01	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	6/15	12/15	5/16	12/16	06/17	12/17	06/18	12/18	05/19	12/19
MW-12A	Total BTEX	NA	ND	23.20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.51	1.51	ND	ND	ND	ND	ND
	Total VOC	NA	ND	31.70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.25	7.50	2.86	1.90	0.98	0.71	ND
	Total PAH	NA	ND	1.90	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.89	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
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
	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
	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
	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
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
	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
	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
	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
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
	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
	Total PAH	NA	2.40	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.00	ND	ND	ND	ND	ND
	Total SVOC	NA	5.10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.00	ND	ND	ND	ND	ND
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
	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
	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
	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
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
	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
	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
	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
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
	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
	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
	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
MW-17	Total BTEX	NA	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
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20
	Total SVOC	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.20

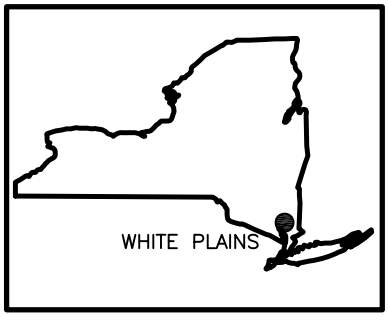
Table 3
Summary of Historic Volatile and Semi-Volatile Organic Compound Sample Results
White Plains Former MGP Site
Consolidated Edison Company of New York

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
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
	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
	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
	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
MW-19	Total BTEX	NA	NA	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
	Total PAH	NA	NA	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
MW-20	Total BTEX	NA	NA	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
	Total PAH	NA	NA	ND	ND	ND	ND	1.61	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
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
	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
	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
	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

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

FIGURES





QUADRANGLE LOCATION
NEW YORK

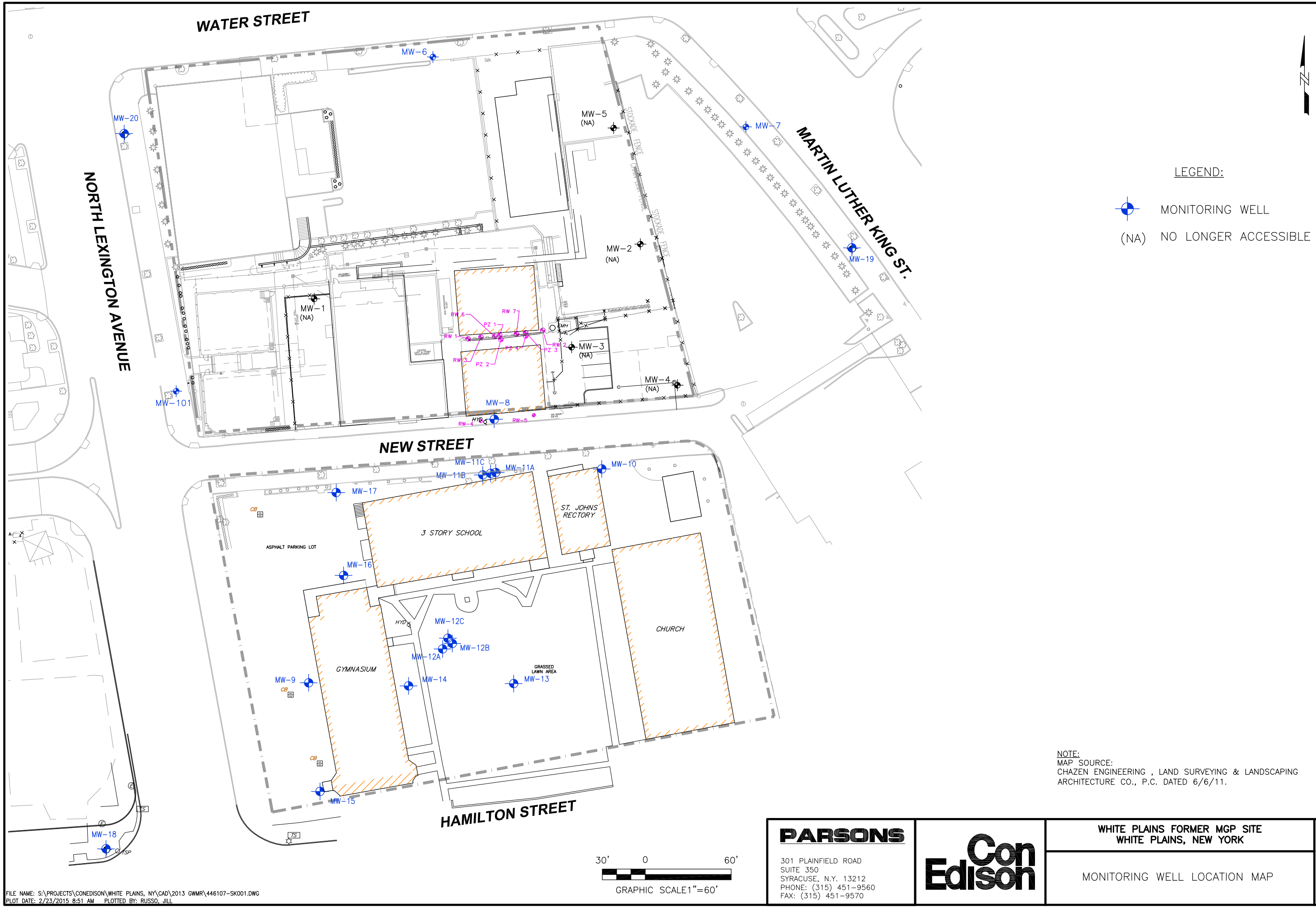
LATITUDE: N42° 02' 00"
LONGITUDE: W73° 46' 16"

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

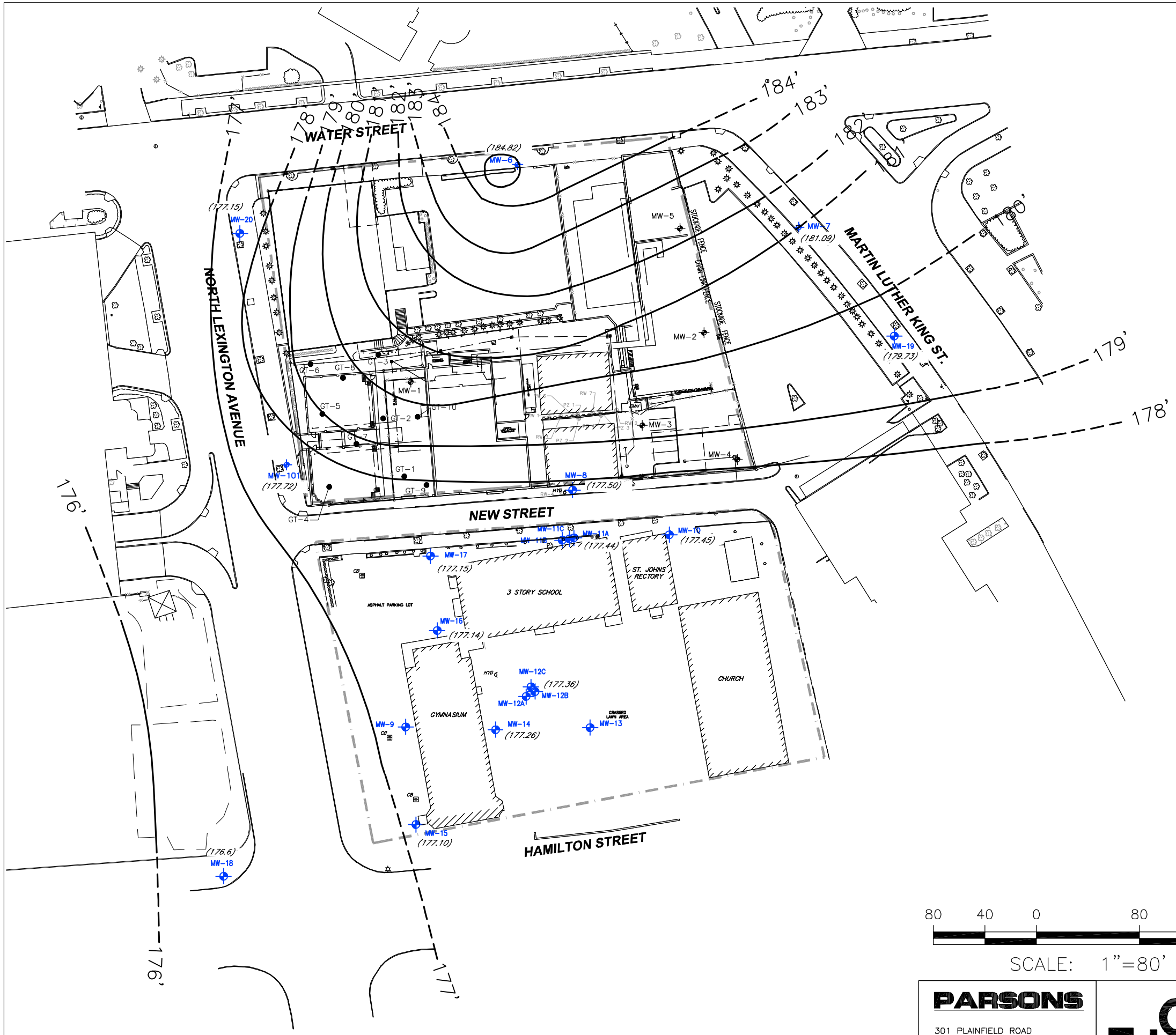
PARSONS
301 PLAINFIELD ROAD
SUITE 350
SYRACUSE, N.Y. 13212
PHONE: (315) 451-9560
FAX: (315) 451-9570

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 12/2/19
3. CONTOUR MAPPING DID NOT INCLUDE GROUNDWATER ELEVATIONS FROM THE FOLLOWING MONITORING/RECOVERY WELLS AND PIEZOMETERS; RW-1 THRU RW-7, PZ-1 THRU PZ-4, MW-11A, MW-11B, MW-12A, MW-12C, MW-13, AND MW-9.
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
DECEMBER, 2019

FIGURE NO. 3

FILE NAME: P:\CONED\446107 - WHITE PLAINS\CAD\2019 GWMR\446107-SK001-GW-12-19.DWG
PLOT DATE: 2/18/2020 8:58 AM PLOTTED BY: RUSSO, JILL

ATTACHMENTS

Attachment 1

Groundwater Sampling Records

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/2/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, snow

MONITOR WELL #: MW-11A
WELL DEPTH: 26.75 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 24.0 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 24.23 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1005	X		7.49		3.97		-61.0		7.67		128.0		15.17		300	24.60
1010	X		7.24		4.10		-14.0		5.75		37.4		16.16		300	24.62
1015	X		7.19		4.15		-23.0		6.02		0.0		16.17		200	24.60
1020	X		7.17		4.34		89.0		5.35		0.0		15.63		175	24.45
1025	X		7.16		4.29		103.0		5.24		0.0		15.30		175	24.40
1030	X		7.14		4.34		90.0		5.20		0.0		16.00		175	24.40
1035	X		7.13		4.37		95.0		5.17		0.0		15.95		175	24.40
1040		X	7.11		4.40		97.0		5.16		0.0		15.99		175	24.40

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-11A	Duplicate Collected?: Y	Clarity:
Sample Time: 1040	MS/MSD Collected?: Y	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/2/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/2/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, snow

MONITOR WELL #: MW-11B
WELL DEPTH: 36.2 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 34 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 24.4 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1115	X		7.58		2.48		124.0		5.96		0.0		15.59		175	24.46
1120	X		7.35		3.15		137.0		2.37		0.0		14.92		175	24.46
1125	X		7.22		3.27		144.0		2.29		0.0		16.34		175	24.46
1130	X		7.20		3.55		151.0		2.14		0.0		16.29		175	24.46
1135	X		7.19		3.55		155.0		2.34		0.0		16.50		175	24.46
1140	X		7.19		3.58		159.0		2.36		0.0		16.68		175	24.46
1145	X		7.19		3.60		160.0		2.40		0.0		16.71		175	24.46
1150		X	7.18		3.62		163.0		2.42		0.0		16.74		175	24.46

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-11B	Duplicate Collected?: N	Clarity:
Sample Time: 1150	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/2/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/3/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear (snowy ground)

MONITOR WELL #: MW-19
WELL DEPTH: 20.15 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 18 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 10.7 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0805	X		7.06		4.70		-98.0		0.00		error		14.62		250	10.75
0810	X		7.06		4.67		-80.0		0.00		error		14.56		200	10.70
0815	X		7.05		4.68		-72.0		0.00		error		12.80		200	10.70
0820	X		7.04		4.73		-73.0		0.00		740.0		13.00		200	10.70
0825	X		7.04		4.83		-75.0		0.00		210.0		13.32		200	10.70
0830	X		7.03		4.74		-75.0		0.00		89.4		13.55		200	10.70
0835	X		7.02		4.79		-80.0		0.00		41.8		14.45		200	10.70
0840	X		7.01		4.83		-83.0		0.00		30.0		14.48		200	10.70
0845	X		7.01		4.86		-87		0.00		28.9		14.50		200	10.70
0850		X	7.00		4.89		-90		0.00		28.2		14.51		200	10.70

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-19	Duplicate Collected?: N	Clarity:
Sample Time: 0850	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/3/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/3/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear

MONITOR WELL #: MW-7
WELL DEPTH: 15.55 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL: 7-17

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 13.0 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 8.30 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #: _____
TEMP. CORRECTION VALUE: _____

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0910	X		7.51		1.17		77.0		5.22		994.0		13.05		200	8.30
0915	X		7.42		1.20		34.0		4.86		862.0		13.27		200	8.30
0920	X		7.39		1.26		17.0		3.58		681.0		13.91		200	8.30
0925	X		7.34		1.49		-10.0		2.01		351.0		14.56		200	8.30
0930	X		7.29		1.98		-67.0		0.63		150.0		15.92		200	8.30
0935	X		7.27		1.80		-74.0		0.00		74.1		15.99		200	8.30
0940	X		7.26		1.77		-81.0		0.00		21.0		16.03		200	8.30
0945	X		7.26		1.75		-89.0		0.00		19.8		16.00		200	8.30
0950		X	7.25		1.72		-95		0.00		18.0		16.02		200	8.30

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-7	Duplicate Collected?: N	Clarity:
Sample Time: 0950	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/3/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/3/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear/windy

MONITOR WELL #: MW-6
WELL DEPTH: 16.05 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 14.0 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 3.05 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1015	X		7.24		0.590		-11.0		3.34		145.0		16.47		200	3.40
1020	X		7.17		0.577		5.0		3.11		94.0		15.21		150	3.40
1025	X		7.14		0.541		23.0		3.39		67.2		14.58		150	3.40
1030	X		7.14		0.521		51.0		3.48		26.3		14.52		150	3.40
1035	X		7.14		0.530		65.0		3.04		5.2		13.81		150	3.40
1040	X		7.14		0.536		69.0		2.94		0.0		13.80		150	3.40
1045	X		7.13		0.539		73.0		2.90		0.0		13.74		150	3.40
1050		X	7.13		0.542		78.0		2.87		0.0		13.77		150	3.40

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-6	Duplicate Collected?: N	Clarity:
Sample Time: 1050	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/3/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/3/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear

MONITOR WELL #: MW-101
WELL DEPTH: 59.8 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 40.0 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 25.4 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1150	X		6.81		2.82		-89.0		0.19		1000.0		14.22		300	25.60
1155	X		6.93		3.28		-116.0		0.00		421.0		16.58		300	25.60
1200	X		6.95		3.65		-118.0		0.00		163.0		16.39		300	25.60
1205	X		6.96		3.80		-120.0		0.00		42.2		16.60		300	25.60
1210	X		6.96		3.82		-121.0		0.00		15.0		16.57		300	25.60
1215	X		6.96		3.87		-122.0		0.00		13.8		16.60		300	25.60
1220		X	6.96		3.90		-123.0		0.00		13.0		16.64		300	25.60

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-101	Duplicate Collected?: N	Clarity:
Sample Time: 1220	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/3/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/3/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear

MONITOR WELL #: MW-20
WELL DEPTH: 20.1 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 18.0 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 14.38 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1255	X		7.41		3.89		50.0		2.44		807.0		14.68		200	14.44
1300	X		7.31		3.96		39.0		0.99		314.0		14.69		200	14.44
1305	X		7.29		4.74		33.0		0.47		93.5		14.65		200	14.44
1310	X		7.20		6.00		0.0		0.00		51.7		14.61		200	14.44
1315	X		7.16		6.63		-60.0		0.00		30.2		14.57		200	14.44
1320	X		7.13		6.68		-85.0		0.00		5.9		14.50		200	14.44
1325	X		7.14		6.72		-90.0		0.00		5.4		14.51		200	14.44
1330		X	7.14		6.74		-92.0		0.00		5.3		14.54		200	14.44

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-20	Duplicate Collected?: N	Clarity:
Sample Time: 1330	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/3/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/4/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear

MONITOR WELL #: MW-8
WELL DEPTH: 39.5 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 37 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 22.6 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0755	X		7.00		1.43		149.0		7.34		4.5		15.02		300	22.60
0800	X		6.95		1.45		147.0		5.37		0.0		15.19		300	22.60
0805	X		6.94		1.46		144.0		4.82		0.0		15.34		300	22.60
0810	X		6.92		1.47		141.0		4.59		0.0		15.50		300	22.60
0815	X		6.91		1.48		140.0		4.33		0.0		15.57		300	22.60
0820	X		6.90		1.49		140.0		4.20		0.0		15.52		300	22.60
0825	X		6.89		1.51		140.0		4.17		0.0		15.57		300	22.60
0830		X	6.89		1.52		140.0		4.14		0.0		15.60		300	22.60

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-8	Duplicate Collected?: N	Clarity:
Sample Time: 0830	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/4/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/4/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-18
WELL DEPTH: 71.4 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 69 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 32.30 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0910	X		7.29		2.12		-111.0		1.82		0.8		13.91		150	32.22
0915	X		7.29		2.13		-127.0		0.00		0.0		14.01		150	32.22
0920	X		7.32		2.17		-138.0		0.00		0.0		14.70		150	32.22
0925	X		7.33		2.28		-146.0		0.00		0.0		14.64		150	32.22
0930	X		7.28		2.36		-140.0		0.00		0.0		14.60		150	32.22
0935	X		7.30		2.38		-136.0		0.00		0.0		14.55		150	32.22
0940		X	7.32		2.42		-131.0		0.00		0.0		14.51		150	32.22

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-18	Duplicate Collected?: N	Clarity:
Sample Time: 0940	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/4/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/4/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-12A
WELL DEPTH: 30.7 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 28 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 27.6 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1020	X		7.61		0.438		25.0		8.60		534.0		13.71		200	27.60
1025	X		7.54		0.440		26.0		7.88		38.6		15.13		200	27.60
1030	X		7.52		0.439		20.0		7.87		0.0		15.16		200	27.60
1035	X		7.53		0.440		40.0		7.01		0.0		15.05		200	27.60
1040	X		7.51		0.437		38.0		7.02		0.0		15.21		200	27.60
1045	X		7.51		0.437		41.0		6.98		0.0		15.24		200	27.60
1050	X		7.52		0.437		41.0		6.94		0.0		15.27		200	27.60
1055		X	7.52		0.440		44.0		6.90		0.0		15.31		200	27.60

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-12A	Duplicate Collected?: N	Clarity:
Sample Time: 1055	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/4/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/4/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: _____

MONITOR WELL #: MW-12B
WELL DEPTH: 44.7 feet
WELL PERMIT #: _____
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL: _____

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 42 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 27.6 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #: _____
TEMP. CORRECTION VALUE: _____

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1115	X		7.51		0.895		88.0		0.80		193.0		13.99		250	27.60
1120	X		7.42		0.964		68.0		0.00		108.0		15.08		250	27.60
1125	X		7.42		1.010		62.0		0.00		25.3		15.05		250	27.60
1130	X		7.42		1.030		56.0		0.00		0.0		15.16		250	27.60
1135	X		7.41		1.040		58.0		0.00		0.0		15.15		250	27.60
1140	X		7.40		1.060		59.0		0.00		0.0		15.15		250	27.60
1145	X		7.38		1.080		60.0		0.00		0.0		15.17		250	27.60
1150		X	7.37		1.100		61.0		0.00		0.0		15.18		250	27.60

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-12B	Duplicate Collected?: N	Clarity:
Sample Time: 1150	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/4/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/4/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-13
WELL DEPTH: 64.6 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 62 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 27.63 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1205	X		7.38		1.72		108.0		6.10		11.4		13.94		250	27.60
1210	X		7.01		1.92		-13.0		2.04		0.0		14.40		250	27.60
1215	X		6.88		2.38		-50.0		0.00		0.0		14.36		250	27.60
1220	X		6.74		3.12		-74.0		0.00		0.0		14.30		250	27.60
1225	X		6.75		3.13		-76.0		0.00		0.0		14.40		250	27.60
1230	X		6.75		3.19		-76.0		0.00		0.0		14.42		250	27.60
1235	X		6.75		3.22		-78.0		0.00		0.0		14.48		250	27.60
1240		X	6.77		3.23		-82.0		0.00		0.0		14.50		250	27.60

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-13	Duplicate Collected?: N	Clarity:
Sample Time: 1240	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/4/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/4/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-15
WELL DEPTH: 66.5 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 64 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 30.8 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1305	X		7.13		12.80		-10.0		0.56		170.0		13.30		250	30.80
1310	X		6.67		16.00		10.0		0.00		29.8		14.20		250	30.80
1315	X		6.48		18.20		-28.0		0.00		10.3		13.52		250	30.80
1320	X		6.53		19.10		-41.0		0.00		8.1		13.00		250	30.80
1325	X		6.61		19.40		-54.0		0.00		3.3		13.55		250	30.80
1330	X		6.62		19.60		-61.0		0.00		1.7		14.08		250	30.80
1335	X		6.65		19.70		-64.0		0.00		0.8		14.12		250	30.80
1340	X		6.68		19.90		-66.0		0.00		0.0		14.15		250	30.80
1345		X	6.68		20.00		-69		0.00		0.0		14.16		250	30.80

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-15	Duplicate Collected?: N	Clarity:
Sample Time: 1345	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/4/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/5/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-9
WELL DEPTH: 61.7 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 59 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 30.4 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0735	X		7.33		0.85		-44.0		3.50		704.0		15.44		200	30.60
0740	X		7.07		2.48		-75.0		0.00		124.0		15.42		150	30.55
0745	X		7.06		2.56		-80.0		0.00		0.0		15.10		150	30.55
0750	X		7.06		2.76		-89.0		0.00		0.0		15.07		150	30.55
0755	X		7.05		2.84		-94.0		0.00		0.0		15.29		150	30.55
0800	X		7.04		2.89		-96.0		0.00		0.0		15.25		150	30.55
0805	X		7.04		2.92		-98.0		0.00		0.0		15.24		150	30.55
0810		X	7.03		2.94		-100.0		0.00		0.0		15.21		150	30.55

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-9	Duplicate Collected?: N	Clarity:
Sample Time: 0810	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/5/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/5/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, clear

MONITOR WELL #: MW-16
WELL DEPTH: 64.4 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 62 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 28.9 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0920	X		6.96		4.01		-141.0		1.26		43.6		15.75		200	28.90
0925	X		7.03		4.69		-161.0		0.00		35.0		14.87		200	28.90
0930	X		7.03		4.73		-165.0		0.00		1.7		14.72		200	28.90
0935	X		7.03		4.75		-166.0		0.00		4.1		14.50		200	28.90
0940	X		7.04		4.77		-167.0		0.00		1.1		14.29		200	28.90
0945	X		7.04		4.79		-168.0		0.00		0.0		14.16		200	28.90
0950	X		7.05		4.74		-167.0		0.00		0.0		14.50		200	28.90
0955	X		7.06		4.72		-167.0		0.00		0.0		14.60		200	28.90
1000		X	7.07		4.70		-166		0.00		0.0		14.62		200	28.90

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-16	Duplicate Collected?: N	Clarity:
Sample Time: 1000	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/5/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/5/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, partly cloudy

MONITOR WELL #: MW-11C
WELL DEPTH: 49.5 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 47 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 24.3 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1035	X		7.26		5.44		-25.0		0.00		289.0		14.41		200	24.30
1040	X		7.25		5.38		-114.0		0.00		241.0		15.00		200	24.30
1045	X		7.24		5.28		-165.0		0.00		101.0		15.07		200	24.30
1050	X		7.23		5.23		-168.0		0.00		50.8		14.88		200	24.30
1055	X		7.23		5.21		-171.0		0.00		41.7		14.72		200	24.30
1100	X		7.23		5.22		-173.0		0.00		29.5		14.72		200	24.30
1105	X		7.23		5.24		-176.0		0.00		24.9		14.67		200	24.30
1110	X		7.22		5.26		-179.0		0.00		13.2		14.54		200	24.30
1115	X		7.22		5.28		-181		0.00		8.3		14.49		200	24.30
1120	X		7.22		5.30		-185		0.00		7.9		14.47		200	24.30
1125		X	7.22		5.33		-188		0.00		7.8		14.44		200	24.30

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-11C	Duplicate Collected?: N	Clarity:
Sample Time: 1125	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/5/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/5/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, partly cloudy

MONITOR WELL #: MW-10
WELL DEPTH: 49.8 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 47 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 21.00 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
1300	X		7.00		7.49		39.0		5.30		253.0		13.83		200	21.00
1305	X		6.90		7.98		43.0		1.19		124.0		13.04		200	21.00
1310	X		6.84		8.49		57.0		0.00		93.2		12.43		200	21.00
1315	X		6.83		8.25		82.0		0.00		36.6		12.88		200	21.00
1320	X		6.82		8.20		111.0		0.00		14.2		12.97		200	21.00
1325	X		6.80		8.07		117.0		0.00		10.1		13.04		200	21.00
1330	X		6.79		7.90		126.0		0.00		4.2		13.10		200	21.00
1335	X		6.79		7.87		130.0		0.00		2.1		13.13		200	21.00
1340	X		6.78		7.82		131		0.00		0.7		13.15		200	21.00
1345		X	6.77		7.80		132		0.00		0.0		13.15		200	21.00

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-10	Duplicate Collected?: N	Clarity:
Sample Time: 1345	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/5/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/6/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-17
WELL DEPTH: 49.8 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 47 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 27.8 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0800	X		7.55		2.91		98.0		6.95		25.0		15.79		200	27.84
0805	X		7.50		3.21		106.0		6.12		150.0		16.00		200	27.84
0810	X		7.45		4.06		119.0		5.83		137.0		16.50		200	27.84
0815	X		7.43		4.49		117.0		5.59		60.6		17.11		200	27.84
0820	X		7.41		4.53		118.0		5.39		22.1		16.97		200	27.84
0825	X		7.47		4.72		121.0		4.21		10.8		15.95		200	27.84
0830	X		7.50		4.73		126.0		4.02		9.4		15.88		200	27.84
0835	X		7.52		4.75		130.0		3.89		9.0		15.82		200	27.84
0840	X		7.52		4.78		133		3.86		8.6		15.80		200	27.84
0845		X	7.53		4.78		138		3.78		8.4		15.76		200	27.84

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-17	Duplicate Collected?: N	Clarity:
Sample Time: 0845	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/6/19
REVIEWER NAME & SIGNATURE:	DATE:

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET__1__OF__1__

PROJECT SITE/LOCATION: White Plains, NY
CONSULTING FIRM: PARSONS
DATE: 12/6/19
FIELD PERSONNEL: A. Feshbach-Meriney
WEATHER: 30s, cloudy

MONITOR WELL #: MW-14
WELL DEPTH: 64.3 feet
WELL PERMIT #:
WELL DIAMETER: 2 inches
SCREENED/OPEN INTERVAL:

PID/FID READINGS:
BACKGROUND: _____ ppm
BENEATH OUTER CAP: _____ ppm
BENEATH INNER CAP: 0 ppm

PUMPING INFORMATION:
PUMP INTAKE DEPTH: 62 feet below TOC
DEPTH TO WATER BEFORE PUMP INSTALLATION: 27.7 feet below TOC
MAKE/MODEL OF PUMP: Monsoon Pump

WATER QUALITY METER INFORMATION:
INSTRUMENT MAKE/MODEL: Horiba
SERIAL #:
TEMP. CORRECTION VALUE:

Time	PURGING	SAMPLING	pH (units)		SPECIFIC CONDUCTIVITY (mS/cm)		REDOX POTENTIAL (mV)		DISSOLVED OXYGEN (mg/L)		TURBIDITY (NTU)		TEMPERATURE (degrees C)		PUMPING RATE (ml/min)	DEPTH TO WATER (ft below TOC)
			READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE	READING	CHANGE		
0915	X		7.13		2.23		-151.0		0.00		0.0		15.05		175	27.70
0920	X		7.11		2.29		-159.0		0.00		0.0		15.13		175	27.70
0925	X		7.10		2.38		-164.0		0.00		0.0		15.20		175	27.70
0930	X		7.08		2.36		-169.0		0.00		0.0		15.35		175	27.70
0935	X		7.07		2.41		-172.0		0.00		0.0		15.29		175	27.70
0940	X		7.07		2.45		-177.0		0.00		0.0		15.37		175	27.70
0945	X		7.06		2.46		-181.0		0.00		0.0		15.39		175	27.70
0950	X		7.06		2.47		-184.0		0.00		0.0		15.40		175	27.70
0955		X	7.05		2.49		-186		0.00		0.0		15.44		175	27.70

SAMPLING INFORMATION:	QA/QC INFORMATION:	ADDITIONAL OBSERVATIONS/COMMENTS:
Sample ID: MW-14	Duplicate Collected?: N	Clarity:
Sample Time: 0955	MS/MSD Collected?: N	Odor:
Comments:	Filtering?: N	Other:

*INDICATOR PARAMETERS HAVE STABILIZED WHEN 3 CONSECUTIVE READINGS ARE WITHIN:
pH: ± 0.1 units ; Spec. Conductivity: ± 3% ; ORP: ± 10mV ; D.O.: ± 10% ; Turbidity: ± 10% (or <1 NTU) ; Temperature: ± 3%.

ANALYST NAME & SIGNATURE: Aaron Feshbach-Meriney	DATE: 12/6/19
REVIEWER NAME & SIGNATURE:	DATE:

Attachment 2

Data Usability Summary Report – December 2019

DATA USABILITY SUMMARY REPORT

DECEMBER 2019 SEMIANNUAL SAMPLING
WHITE PLAINS

Prepared For:

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

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

Prepared By:

PARSONS

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JANUARY 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 December 2, 2019 through December 6, 2019. 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 – Test America Laboratories (TAL) 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 11 days for the project samples.

The data packages received from TAL 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 TAL within one to four 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 laboratory control sample (LCS) recoveries and instrument calibrations. 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 laboratory control sample (LCS) recoveries, 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 TAL 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) 460-198342-1.

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 MS/MSD precision and accuracy, LCS recoveries, blank contamination, and continuing calibrations as discussed below.

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits for designated spiked project samples with the exception of the many high MS/MSD accuracy results during the spiked analyses of sample MW-11A. Validation qualification of the parent sample was not required.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the LCS recoveries for 2-butanone (122%R; QC limit 64-120%R), 1,2,4-trichlorobenzene (78%R; QC limit 80-124%R), and 1,2,3-trichlorobenzene (72%R; QC limit 78-131%R) associated with all samples except FB-120219, TB-120219, MW-14, MW-15, MW-16, and MW-11C. Therefore, results for those compounds where LCS recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J-" and nondetected results qualified "UJ" for the affected samples. Positive results for those compounds where LCS recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J+" for the affected samples.

Blank Contamination

The laboratory method blank associated with all samples except FB-120219, TB-120219, MW-14, MW-15, MW-16, and MW-11C contained acetone at a concentration of 22.3 µg/L. Validation qualification of these samples was not required.

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 (-21.1%D, -23.8%D, -21.1%D) in the continuing calibrations associated with all samples; and carbon tetrachloride (-20.3%D), bromoform (-22.6%D), 1,2,4-trichlorobenzene (-22.4%D), 1,2,3-trichlorobenzene (-30%D), and dichlorodifluoromethane (-51.6%D) in the continuing calibration associated with all samples except FB-120219, TB-120219, MW-14, MW-15, MW-16, and MW-11C . 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 TAL 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 surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, and continuing calibrations as discussed below.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the low surrogate recovery for 2-fluorophenol (QC limit 25-58%R) in sample MW-11A (23%R). Validation qualification of this sample was not required.

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 3,3'-dichlorobenzidine (64%R/66%R; QC limit 68-123%R) during the spiked analyses of sample MW-11A. Therefore, the nondetected result for this compound was 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 low LCS recovery for benzaldehyde (38%R; QC limit 46-111%R) associated with sample MW-12B. Therefore, the nondetected result for this compound was considered estimated and qualified "UJ" for the affected sample.

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 2,2'-oxybis(1-chloropropane) (-32.5%D, -33.7%D) in the continuing calibrations associated with all samples except MW-9 and MW-14. Therefore, the results for this compound 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 TAL were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A.

ATTACHMENT A

VALIDATED LABORATORY DATA

Con Ed - White Plains Validated Groundwater Analytical Data December 2019 SDGs: 460-198342-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20191203 460-198342-7 TALED 4601983421 WATER 12/3/2019 10:50 12/30/2019	MW-7 MW-7-20191203 460-198342-6 TALED 4601983421 WATER 12/3/2019 9:50 12/30/2019	MW-8 MW-8-20191204 460-198342-10 TALED 4601983421 WATER 12/4/2019 8:30 12/30/2019	MW-9 MW-9-20191205 460-198342-16 TALED 4601983421 WATER 12/5/2019 8:10 12/30/2019
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	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
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	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
75-34-3	1,1-DICHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
75-35-4	1,1-DICHLOROETHENE	ug/l	1 U	1 U	1 U	1 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	1 U	1 U	1 U	1 U
106-93-4	1,2-DIBROMOETHANE	ug/l	1 U	1 U	1 U	1 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
107-06-2	1,2-DICHLOROETHANE	ug/l	1 U	1 U	1 U	1.3
78-87-5	1,2-DICHLOROPROPANE	ug/l	1 U	1 U	1 U	1 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	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
591-78-6	2-HEXANONE	ug/l	5 U	5 U	5 U	5 U
67-64-1	ACETONE	ug/l	5 U	5 U	5 U	5 U
71-43-2	BENZENE	ug/l	1 U	1 U	1 U	7.4
74-97-5	BROMOCHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-27-4	BROMODICHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-25-2	BROMOFORM	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	BROMOMETHANE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
75-15-0	CARBON DISULFIDE	ug/l	1 U	1 U	1 U	1 U
56-23-5	CARBON TETRACHLORIDE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
108-90-7	CHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
75-00-3	CHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
67-66-3	CHLOROFORM	ug/l	1 U	1 U	1 U	1 U
74-87-3	CHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	1 U	1 U	1 U	0.44 J
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	1 U	1 U	1 U	1 U
110-82-7	CYCLOHEXANE	ug/l	1 U	1 U	1 U	1.9
124-48-1	DIBROMOCHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
1330-20-7	XYLENES	ug/l	2 U	2 U	2 U	110
100-41-4	ETHYLBENZENE	ug/l	1 U	1 U	1 U	20
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	1 U	1 U	1 U	1.7
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	5 U	5 U	5 U	5 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	5 U	5 U	5 U	5 U
108-87-2	METHYLCYCLOHEXANE	ug/l	1 U	1 U	1 U	1.6
75-09-2	METHYLENE CHLORIDE	ug/l	1 U	1 U	1 U	1 U
100-42-5	STYRENE	ug/l	1 U	1 U	1 U	91
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	1 U	1 U	1 U	2.7
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	1 U	1 U	1 U	1 U
108-88-3	TOLUENE	ug/l	1 U	1 U	1 U	240
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	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
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	1 U	1 U	1 U	1 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-01-4	VINYL CHLORIDE	ug/l	1 U	1 U	1 U	1 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2019 SDGs: 460-198342-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20191203 460-198342-7 TALED 4601983421 WATER 12/3/2019 10:50 12/30/2019	MW-7 MW-7-20191203 460-198342-6 TALED 4601983421 WATER 12/3/2019 9:50 12/30/2019	MW-8 MW-8-20191204 460-198342-10 TALED 4601983421 WATER 12/4/2019 8:30 12/30/2019	MW-9 MW-9-20191205 460-198342-16 TALED 4601983421 WATER 12/5/2019 8:10 12/30/2019
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	10 U	10 U	10 U	20 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10 U	10 U	10 U	20 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10 U	10 U	10 U	20 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10 U	10 U	10 U	20 U
51-28-5	2,4-DINITROPHENOL	ug/l	20 U	20 U	20 U	41 U
121-14-2	2,4-DINITROTOLUENE	ug/l	2 U	2 U	2 U	4.1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	2 U	2 U	2 U	4.1 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10 U	10 U	10 U	20 U
95-57-8	2-CHLOROPHENOL	ug/l	10 U	10 U	10 U	20 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	10 U	10 U	10 U	10 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10 U	10 U	10 U	20 U
88-74-4	2-NITROANILINE	ug/l	10 U	10 U	10 U	20 U
88-75-5	2-NITROPHENOL	ug/l	10 U	10 U	10 U	20 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10 U	10 U	10 U	20 U
99-09-2	3-NITROANILINE	ug/l	10 U	10 U	10 U	20 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	20 U	20 U	20 U	41 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	10 U	10 U	10 U	20 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	10 U	10 U	10 U	20 U
106-47-8	4-CHLOROANILINE	ug/l	10 U	10 U	10 U	20 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	10 U	10 U	10 U	20 U
106-44-5	4-METHYLPHENOL (P-CRESOL)	ug/l	10 U	10 U	10 U	20 U
100-01-6	4-NITROANILINE	ug/l	10 U	10 U	10 U	20 U
100-02-7	4-NITROPHENOL	ug/l	20 U	20 U	20 U	41 U
83-32-9	ACENAPHTHENE	ug/l	10 U	10 U	10 U	2.8 J
208-96-8	ACENAPHTHYLENE	ug/l	10 U	10 U	10 U	16 J
98-86-2	ACETOPHENONE	ug/l	10 U	10 U	10 U	20 U
120-12-7	ANTHRACENE	ug/l	10 U	10 U	10 U	20 U
1912-24-9	ATRAZINE	ug/l	2 U	2 U	2 U	4.1 U
100-52-7	BENZALDEHYDE	ug/l	10 U	10 U	10 U	20 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	1 U	1 U	1 U	2 U
50-32-8	BENZO(A)PYRENE	ug/l	1 U	1 U	1 U	2 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	2 U	2 U	2 U	4.1 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	10 U	10 U	10 U	20 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	1 U	1 U	1 U	2 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10 U	10 U	10 U	20 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	10 U	10 U	10 U	20 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	10 U	10 U	10 U	20 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	1 U	1 U	1 U	2 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	10 UJ	10 UJ	10 UJ	20 UJ
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	2 U	2 U	2 U	4.1 U
105-60-2	CAPROLACTAM	ug/l	10 U	10 U	10 U	20 U
86-74-8	CARBAZOLE	ug/l	10 U	10 U	10 U	20 U
218-01-9	CHRYSENE	ug/l	2 U	2 U	2 U	4.1 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	1 U	1 U	1 U	2 U
132-64-9	DIBENZOFURAN	ug/l	10 U	10 U	10 U	20 U
84-66-2	DIETHYL PHTHALATE	ug/l	10 U	10 U	10 U	20 U
131-11-3	DIMETHYL PHTHALATE	ug/l	10 U	10 U	10 U	20 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	10 U	10 U	10 U	20 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10 U	10 U	10 U	20 U
206-44-0	FLUORANTHENE	ug/l	10 U	10 U	10 U	20 U
86-73-7	FLUORENE	ug/l	10 U	10 U	10 U	20 U
118-74-1	HEXACHLOROBENZENE	ug/l	1 U	1 U	1 U	2 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	1 U	1 U	1 U	2 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10 U	10 U	10 U	20 U
67-72-1	HEXACHLOROETHANE	ug/l	2 U	2 U	2 U	4.1 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	2 U	2 U	2 U	4.1 U
78-59-1	ISOPHORONE	ug/l	10 U	10 U	10 U	20 U
91-20-3	NAPHTHALENE	ug/l	10 U	10 U	10 U	260
98-95-3	NITROBENZENE	ug/l	1 U	1 U	1 U	2 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	1 U	1 U	1 U	2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10 U	10 U	10 U	20 U
87-86-5	PENTACHLOROPHENOL	ug/l	20 U	20 U	20 U	41 U
85-01-8	PHENANTHRENE	ug/l	10 U	10 U	10 U	20 U
108-95-2	PHENOL	ug/l	10 U	10 U	10 U	20 U
129-00-0	PYRENE	ug/l	10 U	10 U	10 U	20 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
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	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
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
75-34-3	1,1-DICHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
75-35-4	1,1-DICHLOROETHENE	ug/l	1 U	1 U	1 U	1 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	1 U	1 U	1 U	1 U
106-93-4	1,2-DIBROMOETHANE	ug/l	1 U	1 U	1 U	1 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
107-06-2	1,2-DICHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	1 U	1 U	1 U	1 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	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
591-78-6	2-HEXANONE	ug/l	5 U	5 U	5 U	5 U
67-64-1	ACETONE	ug/l	5 U	5 U	5 U	5 U
71-43-2	BENZENE	ug/l	1 U	1 U	1 U	1 U
74-97-5	BROMOCHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-27-4	BROMODICHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-25-2	BROMOFORM	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	BROMOMETHANE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
75-15-0	CARBON DISULFIDE	ug/l	1 U	1 U	1 U	1 U
56-23-5	CARBON TETRACHLORIDE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
108-90-7	CHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
75-00-3	CHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
67-66-3	CHLOROFORM	ug/l	1 U	1 U	1 U	1 U
74-87-3	CHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	1 U	1 U	1 U	1 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	1 U	1 U	1 U	1 U
110-82-7	CYCLOHEXANE	ug/l	1 U	1 U	1 U	1 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
1330-20-7	XYLENES	ug/l	2 U	2 U	2 U	2 U
100-41-4	ETHYLBENZENE	ug/l	1 U	1 U	1 U	1 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	1 U	1 U	1 U	1 U
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	5 U	5 U	5 U	5 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	5 U	5 U	5 U	5 U
108-87-2	METHYLCYCLOHEXANE	ug/l	1 U	1 U	1 U	1 U
75-09-2	METHYLENE CHLORIDE	ug/l	1 U	1 U	1 U	1 U
100-42-5	STYRENE	ug/l	1 U	1 U	1 U	1 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	1 U	1 U	1 U	1 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	1 U	1 U	1 U	1 U
108-88-3	TOLUENE	ug/l	0.64 J	1 U	1 U	1 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	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
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	1 U	1 U	1 U	1 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-01-4	VINYL CHLORIDE	ug/l	1 U	1 U	1 U	1 U

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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
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10 U	10 U	10 U	10 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10 U	10 U	10 U	10 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10 U	10 U	10 U	10 U
51-28-5	2,4-DINITROPHENOL	ug/l	20 U	20 U	20 U	20 U
121-14-2	2,4-DINITROTOLUENE	ug/l	2 U	2 U	2 U	2 U
606-20-2	2,6-DINITROTOLUENE	ug/l	2 U	2 U	2 U	2 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10 U	10 U	10 U	10 U
95-57-8	2-CHLOROPHENOL	ug/l	10 U	10 U	10 U	10 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	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
88-74-4	2-NITROANILINE	ug/l	10 U	10 U	10 U	10 U
88-75-5	2-NITROPHENOL	ug/l	10 U	10 U	10 U	10 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10 U	10 UJ	10 U	10 U
99-09-2	3-NITROANILINE	ug/l	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
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	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
106-47-8	4-CHLOROANILINE	ug/l	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
106-44-5	4-METHYLPHENOL (P-CRESOL)	ug/l	10 U	10 U	10 U	10 U
100-01-6	4-NITROANILINE	ug/l	10 U	10 U	10 U	10 U
100-02-7	4-NITROPHENOL	ug/l	20 U	20 U	20 U	20 U
83-32-9	ACENAPHTHENE	ug/l	10 U	10 U	10 U	10 U
208-96-8	ACENAPHTHYLENE	ug/l	10 U	10 U	10 U	10 U
98-86-2	ACETOPHENONE	ug/l	10 U	10 U	10 U	10 U
120-12-7	ANTHRACENE	ug/l	10 U	10 U	10 U	10 U
1912-24-9	ATRAZINE	ug/l	2 U	2 U	2 U	2 U
100-52-7	BENZALDEHYDE	ug/l	10 U	10 U	10 U	10 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	1 U	1 U	1 U	1 U
50-32-8	BENZO(A)PYRENE	ug/l	1 U	1 U	1 U	1 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	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
207-08-9	BENZO(K)FLUORANTHENE	ug/l	1 U	1 U	1 U	1 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10 U	10 U	10 U	10 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	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
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	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
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	2 U	2 U	2 U	2 U
105-60-2	CAPROLACTAM	ug/l	10 U	10 U	10 U	10 U
86-74-8	CARBAZOLE	ug/l	10 U	10 U	10 U	10 U
218-01-9	CHRYSENE	ug/l	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
132-64-9	DIBENZOFURAN	ug/l	10 U	10 U	10 U	10 U
84-66-2	DIETHYL PHTHALATE	ug/l	10 U	10 U	10 U	10 U
131-11-3	DIMETHYL PHTHALATE	ug/l	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
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10 U	10 U	10 U	10 U
206-44-0	FLUORANTHENE	ug/l	10 U	10 U	10 U	10 U
86-73-7	FLUORENE	ug/l	10 U	10 U	10 U	10 U
118-74-1	HEXACHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	1 U	1 U	1 U	1 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10 U	10 U	10 U	10 U
67-72-1	HEXACHLOROETHANE	ug/l	2 U	2 U	2 U	2 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	2 U	2 U	2 U	2 U
78-59-1	ISOPHORONE	ug/l	10 U	10 U	10 U	10 U
91-20-3	NAPHTHALENE	ug/l	5.6 J	10 U	10 U	10 U
98-95-3	NITROBENZENE	ug/l	1 U	1 U	1 U	1 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	1 U	1 U	1 U	1 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10 U	10 U	10 U	10 U
87-86-5	PENTACHLOROPHENOL	ug/l	20 U	20 U	20 U	20 U
85-01-8	PHENANTHRENE	ug/l	10 U	10 U	10 U	10 U
108-95-2	PHENOL	ug/l	10 U	10 U	10 U	10 U
129-00-0	PYRENE	ug/l	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	2 U	1 U	1 U	1 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	2 U	1 U	1 U	1 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	2 U	1 U	1 U	1 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	2 U	1 U	1 U	1 U
75-34-3	1,1-DICHLOROETHANE	ug/l	2 U	1 U	1 U	1 U
75-35-4	1,1-DICHLOROETHENE	ug/l	2 U	1 U	1 U	1 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	2 U	1 UJ	1 UJ	1 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	2 U	1 UJ	1 UJ	1 UJ
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	2 U	1 U	1 U	1 U
106-93-4	1,2-DIBROMOETHANE	ug/l	2 U	1 U	1 U	1 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	2 U	1 U	1 U	1 U
107-06-2	1,2-DICHLOROETHANE	ug/l	2 U	1 U	1 U	1.9
78-87-5	1,2-DICHLOROPROPANE	ug/l	2 U	1 U	1 U	1 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	2 U	1 U	1 U	1 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	2 U	1 U	1 U	1 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	100 U	50 U	50 U	50 U
591-78-6	2-HEXANONE	ug/l	10 U	5 U	5 U	5 U
67-64-1	ACETONE	ug/l	10 U	5 U	5 U	5 U
71-43-2	BENZENE	ug/l	2 U	1 U	1 U	1 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2 U	1 U	1 U	1 U
75-27-4	BROMODICHLOROMETHANE	ug/l	2 U	1 U	1 U	1 U
75-25-2	BROMOFORM	ug/l	2 U	1 UJ	1 UJ	1 UJ
74-83-9	BROMOMETHANE	ug/l	2 UJ	1 UJ	1 UJ	1 UJ
75-15-0	CARBON DISULFIDE	ug/l	2 U	1 U	1 U	1 U
56-23-5	CARBON TETRACHLORIDE	ug/l	2 U	1 UJ	1 UJ	1 UJ
108-90-7	CHLOROBENZENE	ug/l	2 U	1 U	1 U	1 U
75-00-3	CHLOROETHANE	ug/l	2 U	1 U	1 U	1 U
67-66-3	CHLOROFORM	ug/l	2 U	1 U	1 U	1 U
74-87-3	CHLOROMETHANE	ug/l	2 U	1 U	1 U	1 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	2 U	1 U	1 U	1 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	2 U	1 U	1 U	1 U
110-82-7	CYCLOHEXANE	ug/l	31	1 U	1 U	1 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	2 U	1 U	1 U	1 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	2 U	1 UJ	1 UJ	1 UJ
1330-20-7	XYLENES	ug/l	1400	2 U	2 U	2 U
100-41-4	ETHYLBENZENE	ug/l	100	1 U	1 U	1 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	21	1 U	1 U	1 U
79-20-9	METHYL ACETATE	ug/l	10 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	10 U	5 U	5 U	5 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	10 U	5 U	5 U	5 U
108-87-2	METHYLCYCLOHEXANE	ug/l	62	1 U	1 U	1 U
75-09-2	METHYLENE CHLORIDE	ug/l	2 U	1 U	1 U	1 U
100-42-5	STYRENE	ug/l	150	1 U	1 U	1 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	2 U	1 U	1 U	160
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	4.3	1 U	1 U	1 U
108-88-3	TOLUENE	ug/l	2.3	1 U	1 U	1 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	2 U	1 U	1 U	1 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	2 U	1 U	1 U	1 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	4.8	1 U	1 U	1 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	2 U	1 U	1 U	1 U
75-01-4	VINYL CHLORIDE	ug/l	2 U	1 U	1 U	1 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2019 SDGs: 460-198342-1		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-11C MW-11C-20191205 460-198342-18 TALED 4601983421 WATER 12/5/2019 11:25 12/30/2019	MW-12A MW-12A-20191204 460-198342-12 TALED 4601983421 WATER 12/4/2019 10:55 12/30/2019	MW-12B MW-12B-20191204 460-198342-13 TALED 4601983421 WATER 12/4/2019 11:50 12/30/2019	MW-13 MW-13-20191204 460-198342-14 TALED 4601983421 WATER 12/4/2019 12:40 12/30/2019
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	1000 U	10 U	10 U	10 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	1000 U	10 U	10 U	10 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	1000 U	10 U	10 U	10 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	1000 U	10 U	10 U	10 U
51-28-5	2,4-DINITROPHENOL	ug/l	2000 U	20 U	20 U	20 U
121-14-2	2,4-DINITROTOLUENE	ug/l	200 U	2 U	2 U	2 U
606-20-2	2,6-DINITROTOLUENE	ug/l	200 U	2 U	2 U	2 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	1000 U	10 U	10 U	10 U
95-57-8	2-CHLOROPHENOL	ug/l	1000 U	10 U	10 U	10 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	670 J	10 U	10 U	10 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	1000 U	10 U	10 U	10 U
88-74-4	2-NITROANILINE	ug/l	1000 U	10 U	10 U	10 U
88-75-5	2-NITROPHENOL	ug/l	1000 U	10 U	10 U	10 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1000 U	10 U	10 U	10 U
99-09-2	3-NITROANILINE	ug/l	1000 U	10 U	10 U	10 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	2000 U	20 U	20 U	20 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	1000 U	10 U	10 U	10 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	1000 U	10 U	10 U	10 U
106-47-8	4-CHLOROANILINE	ug/l	1000 U	10 U	10 U	10 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	1000 U	10 U	10 U	10 U
106-44-5	4-METHYLPHENOL (P-CRESOL)	ug/l	1000 U	10 U	10 U	10 U
100-01-6	4-NITROANILINE	ug/l	1000 U	10 U	10 U	10 U
100-02-7	4-NITROPHENOL	ug/l	2000 U	20 U	20 U	20 U
83-32-9	ACENAPHTHENE	ug/l	1000 U	10 U	10 U	10 U
208-96-8	ACENAPHTHYLENE	ug/l	1000 U	10 U	10 U	10 U
98-86-2	ACETOPHENONE	ug/l	1000 U	10 U	10 U	10 U
120-12-7	ANTHRACENE	ug/l	1000 U	10 U	10 U	10 U
1912-24-9	ATRAZINE	ug/l	200 U	2 U	2 U	2 U
100-52-7	BENZALDEHYDE	ug/l	1000 U	10 U	10 UJ	10 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	100 U	1 U	1 U	1 U
50-32-8	BENZO(A)PYRENE	ug/l	100 U	1 U	1 U	1 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	200 U	2 U	2 U	2 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	1000 U	10 U	10 U	10 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	100 U	1 U	1 U	1 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	1000 U	10 U	10 U	10 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	1000 U	10 U	10 U	10 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	1000 U	10 U	10 U	10 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	100 U	1 U	1 U	1 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	1000 UJ	10 UJ	10 UJ	10 UJ
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	200 U	2 U	2 U	2 U
105-60-2	CAPROLACTAM	ug/l	1000 U	10 U	10 U	10 U
86-74-8	CARBAZOLE	ug/l	1000 U	10 U	10 U	10 U
218-01-9	CHRYSENE	ug/l	200 U	2 U	2 U	2 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	100 U	1 U	1 U	1 U
132-64-9	DIBENZOFURAN	ug/l	1000 U	10 U	10 U	10 U
84-66-2	DIETHYL PHTHALATE	ug/l	1000 U	10 U	10 U	10 U
131-11-3	DIMETHYL PHTHALATE	ug/l	1000 U	10 U	10 U	10 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1000 U	10 U	10 U	10 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	1000 U	10 U	10 U	10 U
206-44-0	FLUORANTHENE	ug/l	1000 U	10 U	10 U	10 U
86-73-7	FLUORENE	ug/l	1000 U	10 U	10 U	10 U
118-74-1	HEXACHLOROBENZENE	ug/l	100 U	1 U	1 U	1 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	100 U	1 U	1 U	1 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	1000 U	10 U	10 U	10 U
67-72-1	HEXACHLOROETHANE	ug/l	200 U	2 U	2 U	2 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	200 U	2 U	2 U	2 U
78-59-1	ISOPHORONE	ug/l	1000 U	10 U	10 U	10 U
91-20-3	NAPHTHALENE	ug/l	11000	10 U	10 U	10 U
98-95-3	NITROBENZENE	ug/l	100 U	1 U	1 U	1 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	100 U	1 U	1 U	1 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	1000 U	10 U	10 U	10 U
87-86-5	PENTACHLOROPHENOL	ug/l	2000 U	20 U	20 U	20 U
85-01-8	PHENANTHRENE	ug/l	1000 U	10 U	10 U	10 U
108-95-2	PHENOL	ug/l	1000 U	10 U	10 U	10 U
129-00-0	PYRENE	ug/l	1000 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	5 U	1 U	2 U	1 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	5 U	1 U	2 U	1 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	5 U	1 U	2 U	1 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	5 U	1 U	2 U	1 U
75-34-3	1,1-DICHLOROETHANE	ug/l	5 U	1 U	2 U	1 U
75-35-4	1,1-DICHLOROETHENE	ug/l	5 U	1 U	2 U	1 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	5 U	1 U	2 U	1 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	5 U	1 U	2 U	1 UJ
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	5 U	1 U	2 U	1 U
106-93-4	1,2-DIBROMOETHANE	ug/l	5 U	1 U	2 U	1 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	5 U	1 U	2 U	1 U
107-06-2	1,2-DICHLOROETHANE	ug/l	5 U	1 U	2 U	1 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	5 U	1 U	2 U	1 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	5 U	1 U	2 U	1 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	5 U	1 U	2 U	1 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	250 U	50 U	100 U	50 U
591-78-6	2-HEXANONE	ug/l	25 U	5 U	10 U	5 U
67-64-1	ACETONE	ug/l	25 U	5.7	10 U	5 U
71-43-2	BENZENE	ug/l	6.9	0.54 J	68	1 U
74-97-5	BROMOCHLOROMETHANE	ug/l	5 U	1 U	2 U	1 U
75-27-4	BROMODICHLOROMETHANE	ug/l	5 U	1 U	2 U	1 U
75-25-2	BROMOFORM	ug/l	5 U	1 U	2 U	1 UJ
74-83-9	BROMOMETHANE	ug/l	5 UJ	1 UJ	2 UJ	1 UJ
75-15-0	CARBON DISULFIDE	ug/l	5 U	1 U	2 U	1 U
56-23-5	CARBON TETRACHLORIDE	ug/l	5 U	1 U	2 U	1 UJ
108-90-7	CHLOROBENZENE	ug/l	5 U	1 U	2 U	1 U
75-00-3	CHLOROETHANE	ug/l	5 U	1 U	2 U	1 U
67-66-3	CHLOROFORM	ug/l	5 U	1 U	2 U	1.7
74-87-3	CHLOROMETHANE	ug/l	5 U	1 U	2 U	1 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	5 U	1 U	2 U	1 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	5 U	1 U	2 U	1 U
110-82-7	CYCLOHEXANE	ug/l	15	1 U	12	1 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	5 U	1 U	2 U	1 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	5 U	1 U	2 U	1 UJ
1330-20-7	XYLENES	ug/l	1500	8.1	730	2 U
100-41-4	ETHYLBENZENE	ug/l	240	3.8	150	1 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	5.7	0.34 J	11	1 U
79-20-9	METHYL ACETATE	ug/l	25 U	5 U	10 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	25 U	5 U	10 U	5 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	25 U	5 U	10 U	5 U
108-87-2	METHYLCYCLOHEXANE	ug/l	24	1 U	23	1 U
75-09-2	METHYLENE CHLORIDE	ug/l	5 U	1 U	2 U	1 U
100-42-5	STYRENE	ug/l	920	1 U	170	1 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	2.5 J	4.9	2 U	1 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	5 U	1 U	2 U	1 U
108-88-3	TOLUENE	ug/l	2000	1.8	960	1 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	5 U	1 U	2 U	1 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	5 U	1 U	2 U	1 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	5 U	1 U	1.8 J	1 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	5 U	1 U	2 U	1 U
75-01-4	VINYL CHLORIDE	ug/l	5 U	1 U	2 U	1 U

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CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	500 U	10 U	510 U	10 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	500 U	10 U	510 U	10 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	500 U	10 U	510 U	10 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	500 U	10 U	510 U	10 U
51-28-5	2,4-DINITROPHENOL	ug/l	1000 U	20 U	1000 U	20 U
121-14-2	2,4-DINITROTOLUENE	ug/l	100 U	2 U	100 U	2 U
606-20-2	2,6-DINITROTOLUENE	ug/l	100 U	2 U	100 U	2 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	500 U	10 U	510 U	10 U
95-57-8	2-CHLOROPHENOL	ug/l	500 U	10 U	510 U	10 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	340 J	10 U	120 J	10 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	500 U	10 U	510 U	10 U
88-74-4	2-NITROANILINE	ug/l	500 U	10 U	510 U	10 U
88-75-5	2-NITROPHENOL	ug/l	500 U	10 U	510 U	10 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	500 U	10 U	510 U	10 U
99-09-2	3-NITROANILINE	ug/l	500 U	10 U	510 U	10 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	1000 U	20 U	1000 U	20 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	500 U	10 U	510 U	10 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	500 U	10 U	510 U	10 U
106-47-8	4-CHLOROANILINE	ug/l	500 U	10 U	510 U	10 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	500 U	10 U	510 U	10 U
106-44-5	4-METHYLPHENOL (P-CRESOL)	ug/l	500 U	10 U	510 U	10 U
100-01-6	4-NITROANILINE	ug/l	500 U	10 U	510 U	10 U
100-02-7	4-NITROPHENOL	ug/l	1000 U	20 U	1000 U	20 U
83-32-9	ACENAPHTHENE	ug/l	500 U	10 U	510 U	10 U
208-96-8	ACENAPHTHYLENE	ug/l	210 J	10 U	73 J	10 U
98-86-2	ACETOPHENONE	ug/l	500 U	10 U	510 U	10 U
120-12-7	ANTHRACENE	ug/l	500 U	10 U	510 U	10 U
1912-24-9	ATRAZINE	ug/l	100 U	2 U	100 U	2 U
100-52-7	BENZALDEHYDE	ug/l	500 U	10 U	510 U	10 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	50 U	1 U	51 U	1 U
50-32-8	BENZO(A)PYRENE	ug/l	50 U	1 U	51 U	1 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	100 U	2 U	100 U	2 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	500 U	10 U	510 U	10 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	50 U	1 U	51 U	1 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	500 U	10 U	510 U	10 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	500 U	10 U	510 U	10 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	500 U	10 U	510 U	10 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	50 U	1 U	51 U	1 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	500 UJ	10 UJ	510 UJ	10 UJ
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	100 U	2 U	100 U	2 U
105-60-2	CAPROLACTAM	ug/l	500 U	10 U	510 U	10 U
86-74-8	CARBAZOLE	ug/l	500 U	10 U	510 U	10 U
218-01-9	CHRYSENE	ug/l	100 U	2 U	100 U	2 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	50 U	1 U	51 U	1 U
132-64-9	DIBENZOFURAN	ug/l	500 U	10 U	510 U	10 U
84-66-2	DIETHYL PHTHALATE	ug/l	500 U	10 U	510 U	10 U
131-11-3	DIMETHYL PHTHALATE	ug/l	500 U	10 U	510 U	10 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	500 U	10 U	510 U	10 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	500 U	10 U	510 U	10 U
206-44-0	FLUORANTHENE	ug/l	500 U	10 U	510 U	10 U
86-73-7	FLUORENE	ug/l	500 U	10 U	510 U	10 U
118-74-1	HEXACHLOROBENZENE	ug/l	50 U	1 U	51 U	1 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	50 U	1 U	51 U	1 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	500 U	10 U	510 U	10 U
67-72-1	HEXACHLOROETHANE	ug/l	100 U	2 U	100 U	2 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	100 U	2 U	100 U	2 U
78-59-1	ISOPHORONE	ug/l	500 U	10 U	510 U	10 U
91-20-3	NAPHTHALENE	ug/l	4500	5 J	3400	1.2 J
98-95-3	NITROBENZENE	ug/l	50 U	1 U	51 U	1 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	50 U	1 U	51 U	1 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	500 U	10 U	510 U	10 U
87-86-5	PENTACHLOROPHENOL	ug/l	1000 U	20 U	1000 U	20 U
85-01-8	PHENANTHRENE	ug/l	36 J	10 U	510 U	10 U
108-95-2	PHENOL	ug/l	500 U	10 U	16 J	10 U
129-00-0	PYRENE	ug/l	500 U	10 U	510 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	1 U	1 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	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
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
75-34-3	1,1-DICHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
75-35-4	1,1-DICHLOROETHENE	ug/l	1 U	1 U	1 U	1 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	1 U	1 U	1 U	1 U
106-93-4	1,2-DIBROMOETHANE	ug/l	1 U	1 U	1 U	1 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
107-06-2	1,2-DICHLOROETHANE	ug/l	1.1	1 U	1 U	1 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	1 U	1 U	1 U	1 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	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
591-78-6	2-HEXANONE	ug/l	5 U	5 U	5 U	5 U
67-64-1	ACETONE	ug/l	5 U	5 U	5 U	5 U
71-43-2	BENZENE	ug/l	16	1 U	1 U	13
74-97-5	BROMOCHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-27-4	BROMODICHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-25-2	BROMOFORM	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
74-83-9	BROMOMETHANE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
75-15-0	CARBON DISULFIDE	ug/l	1 U	1 U	1 U	1 U
56-23-5	CARBON TETRACHLORIDE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
108-90-7	CHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
75-00-3	CHLOROETHANE	ug/l	1 U	1 U	1 U	1 U
67-66-3	CHLOROFORM	ug/l	1 U	1 U	1 U	1 U
74-87-3	CHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.43 J	1 U	1 U	1 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	1 U	1 U	1 U	1 U
110-82-7	CYCLOHEXANE	ug/l	2.3	1 U	1 U	10
124-48-1	DIBROMOCHLOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	1 UJ	1 UJ	1 UJ	1 UJ
1330-20-7	XYLENES	ug/l	17	2 U	2 U	6.2
100-41-4	ETHYLBENZENE	ug/l	1.3	1 U	1 U	12
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	4.9	1 U	1 U	10
79-20-9	METHYL ACETATE	ug/l	5 U	5 U	5 U	5 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	5 U	5 U	5 U	5 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	5 U	5 U	5 U	5 U
108-87-2	METHYLCYCLOHEXANE	ug/l	1.5	1 U	1 U	9.4
75-09-2	METHYLENE CHLORIDE	ug/l	1 U	1 U	1 U	1 U
100-42-5	STYRENE	ug/l	1 U	1 U	1 U	1 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	2.1	1 U	1 U	1 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.4 J	1 U	1 U	1 U
108-88-3	TOLUENE	ug/l	4.2	1 U	1 U	0.5 J
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	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
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	1.1	1 U	1 U	1 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	1 U	1 U	1 U	1 U
75-01-4	VINYL CHLORIDE	ug/l	1 U	1 U	1 U	1 U

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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
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	10 U	10 U	10 U	10 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	10 U	10 U	10 U	10 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	10 U	10 U	10 U	10 U
51-28-5	2,4-DINITROPHENOL	ug/l	20 U	20 U	20 U	20 U
121-14-2	2,4-DINITROTOLUENE	ug/l	2 U	2 U	2 U	2 U
606-20-2	2,6-DINITROTOLUENE	ug/l	2 U	2 U	2 U	2 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	10 U	10 U	10 U	10 U
95-57-8	2-CHLOROPHENOL	ug/l	10 U	10 U	10 U	10 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	10 U	10 U	10 U	22
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	10 U	10 U	10 U	10 U
88-74-4	2-NITROANILINE	ug/l	10 U	10 U	10 U	10 U
88-75-5	2-NITROPHENOL	ug/l	10 U	10 U	10 U	10 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	10 U	10 U	10 U	10 U
99-09-2	3-NITROANILINE	ug/l	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
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	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
106-47-8	4-CHLOROANILINE	ug/l	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
106-44-5	4-METHYLPHENOL (P-CRESOL)	ug/l	10 U	10 U	10 U	10 U
100-01-6	4-NITROANILINE	ug/l	10 U	10 U	10 U	10 U
100-02-7	4-NITROPHENOL	ug/l	20 U	20 U	20 U	20 U
83-32-9	ACENAPHTHENE	ug/l	3.5 J	10 U	10 U	42
208-96-8	ACENAPHTHYLENE	ug/l	11	10 U	10 U	10 U
98-86-2	ACETOPHENONE	ug/l	10 U	10 U	10 U	10 U
120-12-7	ANTHRACENE	ug/l	10 U	10 U	10 U	10 U
1912-24-9	ATRAZINE	ug/l	2 U	2 U	2 U	2 U
100-52-7	BENZALDEHYDE	ug/l	10 U	10 U	10 U	10 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	1 U	1 U	1 U	1 U
50-32-8	BENZO(A)PYRENE	ug/l	1 U	1 U	1 U	1 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	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
207-08-9	BENZO(K)FLUORANTHENE	ug/l	1 U	1 U	1 U	1 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	10 U	10 U	10 U	10 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	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
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	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
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	2 U	2 U	2 U	2 U
105-60-2	CAPROLACTAM	ug/l	10 U	10 U	10 U	10 U
86-74-8	CARBAZOLE	ug/l	10 U	10 U	10 U	7.6 J
218-01-9	CHRYSENE	ug/l	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
132-64-9	DIBENZOFURAN	ug/l	10 U	10 U	10 U	2.3 J
84-66-2	DIETHYL PHTHALATE	ug/l	10 U	10 U	10 U	10 U
131-11-3	DIMETHYL PHTHALATE	ug/l	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
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	10 U	10 U	10 U	10 U
206-44-0	FLUORANTHENE	ug/l	10 U	10 U	10 U	10 U
86-73-7	FLUORENE	ug/l	10 U	10 U	10 U	6.8 J
118-74-1	HEXACHLOROBENZENE	ug/l	1 U	1 U	1 U	1 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	1 U	1 U	1 U	1 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	10 U	10 U	10 U	10 U
67-72-1	HEXACHLOROETHANE	ug/l	2 U	2 U	2 U	2 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	2 U	2 U	2 U	2 U
78-59-1	ISOPHORONE	ug/l	10 U	10 U	10 U	10 U
91-20-3	NAPHTHALENE	ug/l	3.8 J	10 U	10 U	190
98-95-3	NITROBENZENE	ug/l	1 U	1 U	1 U	1 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	1 U	1 U	1 U	1 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	10 U	10 U	10 U	10 U
87-86-5	PENTACHLOROPHENOL	ug/l	20 U	20 U	20 U	20 U
85-01-8	PHENANTHRENE	ug/l	10 U	10 U	10 U	10 U
108-95-2	PHENOL	ug/l	10 U	10 U	10 U	10 U
129-00-0	PYRENE	ug/l	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	1 U	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
1330-20-7	XYLENES	ug/l	2 U	2 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

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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 U	
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 U	
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 U	
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 U	
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 U	
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 U	
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 U	
78-59-1	ISOPHORONE	ug/l	10 U	
91-20-3	NAPHTHALENE	ug/l	10 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	