



Consolidated Edison Company
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May 25, 2017

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

**RE: Consolidated Edison Company of New York, Inc.
December 2016 Groundwater Monitoring Report
White Plains Former Manufactured Gas Plant Site
White Plains, New York
NYSDEC Site #V00438-3**

Dear Mr. Ottaway:

This Groundwater Monitoring Report (GMR) summarizes the December 2016 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 13 through 16, 2016. 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 and the results are depicted in Table 2. QA/QC procedures were implemented as described in the NYSDEC approved OU-1 RAWP (Parsons, 2007). Laboratory analyses of groundwater samples were conducted by Chemtech of Mountainside, New Jersey, a New York State Department of Health Environmental Laboratory Analysis Program (ELAP) approved laboratory certified for analyses using Analytical Services Protocol (ASP). Laboratory analyses were conducted in accordance with USEPA SW-846 methods and standard deliverable format including initial and continuing instrument calibrations, standard compound spikes, surrogate compound spikes, and analysis of other samples (blanks, laboratory control samples, matrix spikes/matrix spike duplicates, etc.).

Groundwater Level Measurements

Prior to sampling activities, groundwater levels were gauged at the Site's monitoring well locations on December 12, 2016. An oil/water level interface probe was utilized to measure the depths to the water table and thickness of any non-aqueous phase liquid (NAPL) in the water column if present (accurate to 0.01 foot). In addition, the Site's piezometers and recovery wells were also gauged during this event. Groundwater was encountered in the monitoring wells at elevations ranging from 183.17 (MW-6) to 176.49 (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

Groundwater and DNAPL levels in MW-12C were gauged on December 12, 2016. DNAPL was present at the bottom of MW-12C. The absorbent sock placed in the bottom of the well on May 27, 2016 was removed. The sock was saturated with NAPL and as noted on Table 1B, NAPL was still present in the well indicating that the use of absorbent socks may not be an effective approach at this time. Moving forward, it is recommended that if NAPL is present in the well, it will be removed via pumping during each sampling event.

Waste Management

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

December 2016 Groundwater Sampling - Field Observations

Measureable amounts of DNAPL were observed at MW-12C during the December 2016 groundwater sampling event. In addition, coal tar was noted on the probe in RW-3 (see Table 1A). No sheens were noted during purging of any wells sampled during this event. Purge water observations recorded during sampling are documented on the Groundwater Sampling Records provided in Attachment 1.

ANALYTICAL RESULTS

Laboratory analytical results for constituents detected in the groundwater samples are summarized in Table 2. For evaluation purposes, analytical results were compared with Ambient Water Quality Standards and Guidance Values (AWQSGVs) for Class GA groundwater contained in New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) (NYSDEC, 1998). These standards and guidance values are protective of groundwater quality assuming that groundwater is used as a source of drinking water. That assumption is not applicable to the Site because groundwater is not anticipated to be used as a source of drinking water. Thus, the use of Class GA standards and guidance values for comparison to Site groundwater is conservative. Table 3 presents a summary of total BTEX, total VOC, total PAH, and total SVOC concentrations detected in groundwater samples collected during the May 2016 semi-annual groundwater sampling event, as well as historic sampling events. Analytical results from the groundwater investigation are summarized below.

VOCs

A total of sixteen (16) VOCs were detected at least once in the groundwater samples collected during this semi-annual groundwater sampling event. Of these, eleven (11) VOCs (isopropylbenzene, styrene, tert-butyl methyl ether, benzene, ethylbenzene, toluene, o-xylene, m/p-xylene, 1,2-dichloroethane, chloroform, and tetrachloroethylene) were detected at concentrations exceeding their AWQSGVs. 1,2-dichloroethane, chloroform and tetrachloroethylene are chlorinated Volatile Organic Compounds (CVOCs). CVOCs are not MGP-related compounds and are not associated with operations of the former manufactured gas plant.

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

SVOCs

A total of five (5) SVOCs and eight (8) PAHs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, one (1) SVOCs (biphenyl) and two (2) PAHs (fluorene and naphthalene) were detected at concentrations exceeding their AWQSGVs. Biphenyl was detected above its AWQSGV in four (4) monitoring wells (MW-8, MW-11C, MW-14, and MW-16). Fluorene was detected above its AWQSGV in one (1) monitoring well (MW-11C). Naphthalene was detected above its AWQSGV in seven (7) monitoring wells (MW-8, MW-9, MW-11C, MW-14, MW-15, MW-16, and MW-18).

No SVOCs or PAHs were detected above AWQSGVs in twelve (12) monitoring wells (MW-6, MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-19, MW-20, and MW-101). Groundwater SVOC analytical results are summarized in Table 2.

DATA VALIDATION AND REPORTING

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

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

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

CONCLUSIONS AND RECOMMENDATIONS

Total BTEX and total VOC concentrations are within the range previously detected in each monitoring well with the exception of MW-14, MW-16, MW-17, MW-18, and MW-101. BTEX and total VOC concentrations in MW-16 and MW-18 exhibited historical highs while concentrations in MW-101 exhibited a historical low. BTEX concentrations in MW-14 also exhibited a historical high, while total VOCs were within the range of prior sampling events. Total VOCs in MW-17 were at a historical high due to one compound being detected (styrene) but the detected concentration was still below AWQSGVs. BTEX concentrations were at non-detect levels in monitoring wells MW-7, MW-11A, MW-11B, MW-12B, MW-13, MW-17, MW-19 and MW-20 during the May 2016 groundwater sampling event.

Total VOC concentrations in monitoring wells MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20 have frequently been below detection limits during the various groundwater sampling events. Concentrations have generally decreased over time in monitoring wells MW-9, MW-11C and MW-101. However, there was a noticeable increase in BTEX and Total VOC concentrations in MW-11C during the December 2016 sampling event.

Total PAH and SVOC concentrations are within the range previously detected in each monitoring well with the exception of MW-16 and MW-101. PAH and total SVOC concentrations in MW-16 exhibited historical highs while concentrations in MW-101 exhibited historical lows. Total SVOC concentrations were at non-detect levels in

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monitoring wells MW-11A, MW-11B, MW-12A, MW-13 and MW-17 during the December 2016 groundwater sampling event.

Total SVOC 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. Concentrations have generally decreased over time in monitoring well MW-101.

DNAPL continues to be observed within the sump of monitoring well MW-12C. Based on field observations during the December 2016 sock recovery at MW-12C, the sock that was removed from MW-12C was determined to be saturated with NAPL. Based on these results, it is recommended that if NAPL is present in the well, it will 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 2016 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.

Based on the consistent groundwater results and continued presence of clean layer of groundwater beneath the St. John's Church property, we propose that the current monitoring frequency be reduced from semi-annual to annual.

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

Sincerely,



Yelena Skorobogatov
Technical Specialist
MGP Remediation
Environment, Health and Safety

Enclosures (figures/tables)
Attachments

cc:

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

TABLES

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

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-2	190.54	No longer exists				
MW-4	194.92	Unable to locate				
MW-5	189.12	No longer exists				
MW-6	187.82	4.65	183.17	ND	5 - 15	16.04
MW-7	189.51	9.75	179.76	ND	7 - 17	15.94
MW-8	202.08	23.55	178.53	ND	20 - 40	39.40
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	25.50	179.10	ND	16 - 51	44.94
RW-2	200.05	22.62	177.43	ND	18 - 48	44.30
RW-3	203.60	24.93	178.67	Coal tar on probe	20 - 50	51.88
RW-4	200.90	Not Gauged	Not Gauged	NA	17 - 57	NA
RW-5	200.04	Not Gauged	Not Gauged	NA	14 - 54	NA
RW-6	203.55	24.70	178.85	ND	19 - 49	48.80
RW-7	203.97	23.87	180.10	ND	17.5 - 47.5	45.67
PZ-1	203.63	24.60	179.03	ND	15 - 35	36.50
PZ-2	203.59	24.55	179.04	ND	15 - 35	35.40
PZ-3	200.21	23.75	176.46	ND	15 - 35	34.85
PZ-4	200.14	23.77	176.37	ND	15 - 35	34.60
MW-101	203.07	25.51	177.56	ND	NA	60.25

AMSL = Above Mean Sea Level
Gauging conducted on December 12, 2016

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

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	NAPL Thickness (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-10	198.45	21.20	177.25	ND	NA	40 - 50	49.72
MW-11A	201.82	20.82	181.00	ND	NA	22 - 27	26.73
MW-11B	201.97	24.30	177.67	ND	NA	31 - 36	35.88
MW-11C	201.74	24.48	177.26	ND	NA	40 - 50	49.85
MW-12A	205.13	27.62	177.51	ND	NA	26 - 31	30.54
MW-12B	204.96	27.60	177.36	ND	NA	40 - 45	44.45
MW-12C	205.14	27.91	177.23	58.91	~1.09 ²	50 - 60	60
MW-13	204.84	27.76	177.08	ND	NA	55 - 65	64.44
MW-14	205.00	28.10	176.90	ND	NA	55 - 65	64.35
MW-15	207.60	30.80	176.80	ND	NA	57 - 67	66.51
MW-16	205.96	29.01	176.95	ND	NA	55 - 65	64.38
MW-17	204.95	23.77	181.18	ND	NA	40 - 50	49.84
MW-9	207.34	30.46	176.88	ND	NA	52 - 62	61.80
MW-18	208.9	32.41	176.49	ND	NA	60 - 70	71.6
MW-19	188.24	8.89	179.35	ND	NA	5 - 20	20.09
MW-20	191.58	14.61	176.97	ND	NA	5 - 20	19.82

AMSL = Above Mean Sea Level

Gauging conducted on December 12, 2016

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

(2) DNAPL depth and thickness in MW-12C are approximate and based on field observations due to conduction interference with DNAPL on the bottom of the well.

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

Con Ed - White Plains Validated Groundwater Analytical Data December 2016 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- 7	MW- 8	MW- 9	MW-10	MW-11A	MW-11B
CAS NO.	COMPOUND			MW-6-20161213 H6156-10 CTECH H6156 GROUND WATER 12/13/2016 8:40 2/8/2017	MW-7-20161213 H6156-18 CTECH H6156 GROUND WATER 12/13/2016 10:35 2/8/2017	MW-8-20161216 H6156-05 CTECH H6156 GROUND WATER 12/16/2016 11:05 2/8/2017	MW-9-20161214 H6156-15 CTECH H6156 GROUND WATER 12/14/2016 9:10 2/8/2017	MW-10-20161214 H6156-20 CTECH H6156 GROUND WATER 12/14/2016 13:30 2/8/2017	MW-11A-20161214 H6156-22 CTECH H6156 GROUND WATER 12/14/2016 10:55 2/8/2017	MW-11B-20161214 H6156-19 CTECH H6156 GROUND WATER 12/14/2016 12:05 2/8/2017
VOLATILES										
110-82-7	Cyclohexane	NS	ug/l	ND	ND	ND	4.2 J	ND	ND	ND
98-82-8	Isopropylbenzene (Cumene)	5	ug/l	ND	ND	12.3	2.1 J	ND	ND	ND
108-87-2	Methylcyclohexane	NS	ug/l	ND	ND	10.5	2.6 J	ND	ND	ND
100-42-5	Styrene	5	ug/l	ND	ND	1.1 J	140	3.3 J	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	ND	3.8 J	ND	ND	ND
BTEX										
71-43-2	Benzene	1	ug/l	1.6 J	ND	ND	18	ND	ND	ND
100-41-4	Ethylbenzene	5	ug/l	ND	ND	1.8 J	42.2	ND	ND	ND
108-88-3	Toluene	5	ug/l	0.47 J	ND	2.3 J	430	0.53 J	ND	ND
179601-23-1	m,p-Xylene	5	ug/l	ND	ND	2.7 J	120	ND	ND	ND
95-47-6	O-Xylene	5	ug/l	0.45 J	ND	1.2 J	110	ND	ND	ND
CVOCs										
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	1.2 J	ND	ND	ND
75-27-4	Bromodichloromethane	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	1.1 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	0.7 J	ND	ND	ND
Total VOCs				2.52	ND	31.9	875.9	3.83	ND	ND
SEMIVOLATILES										
98-86-2	Acetophenone	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
92-52-4	Biphenyl (Diphenyl)	5	ug/l	ND	ND	7.7 J	ND	ND	ND	ND
86-74-8	Carbazole	NS	ug/l	R	R	R	R	R	R	R
132-64-9	Dibenzofuran	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
131-11-3	Dimethyl Phthalate	50 (G)	ug/l	4.5 J	6 J	ND	ND	2.1 J	ND	ND
PAHs										
83-32-9	Acenaphthene	20 (G)	ug/l	ND	ND	19.3	3.3 J	ND	ND	ND
208-96-8	Acenaphthylene	NS	ug/l	ND	ND	ND	20.6	ND	ND	ND
120-12-7	Anthracene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	6.1 J	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	ND	ND	67.4 J	29.3 J+	ND	ND	ND
91-20-3	Naphthalene	10 (G)	ug/l	ND	ND	1100	730	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	3.4 J	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
Total PAHs				ND	ND	1196.2	783.2	ND	ND	ND
Total SVOCs				4.5	6	1203.9	783.2	2.1	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 Groundwater Analytical Results
 White Plains Former MGP Site
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Con Ed - White Plains Validated Groundwater Analytical Data December 2016 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-11C	MW-12A	MW-12B	MW-13	MW-14	MW-15	MW-16
CAS NO.	COMPOUND			MW-11C-20161216 H6156-08 CTECH H6156 GROUND WATER 12/16/2016 11:25 2/8/2017	MW-12A-20161214 H6156-16 CTECH H6156 GROUND WATER 12/14/2016 10:40 2/8/2017	MW-12B-20161214 H6156-11 CTECH H6156 GROUND WATER 12/14/2016 11:45 2/8/2017	MW-13-20161214 H6156-12 CTECH H6156 GROUND WATER 12/14/2016 14:00 2/8/2017	MW-14-20161216 H6156-07 CTECH H6156 GROUND WATER 12/16/2016 10:10 2/8/2017	MW-15-20161216 H6156-06 CTECH H6156 GROUND WATER 12/16/2016 9:15 2/8/2017	MW-16-20161215 H6156-13 CTECH H6156 GROUND WATER 12/15/2016 15:35 2/8/2017
VOLATILES										
110-82-7	Cyclohexane	NS	ug/l	68.3 J	ND	ND	ND	35.3 J	0.94 J	29.3 J
98-82-8	Isopropylbenzene (Cumene)	5	ug/l	20.2	ND	ND	ND	6.4	0.59 J	13.3
108-87-2	Methylcyclohexane	NS	ug/l	110	ND	ND	ND	51	1.5 J	40
100-42-5	Styrene	5	ug/l	520	3.5 J	ND	ND	880	62.1	1300
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	ND	ND	220	ND	180	ND
BTEX										
71-43-2	Benzene	1	ug/l	ND	ND	ND	ND	26.4	8.2	540
100-41-4	Ethylbenzene	5	ug/l	260	0.21 J	ND	ND	430	13.6	450
108-88-3	Toluene	5	ug/l	2.7 J	1.3 J	ND	ND	2500	160	2600
179601-23-1	m,p-Xylene	5	ug/l	2100	ND	ND	ND	1500	39.9	1700
95-47-6	O-Xylene	5	ug/l	1200	ND	ND	ND	1200	38.5	1600
CVOCs										
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	2.4 J	ND	5.9	ND
75-27-4	Bromodichloromethane	50 (G)	ug/l	ND	0.64 J	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	ug/l	ND	8.6	ND	ND	ND	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	4.4 J	ND	ND	ND	ND	ND	1.6 J
79-01-6	Trichloroethylene (TCE)	5	ug/l	6.3	ND	ND	ND	ND	ND	2.4 J
Total VOCs				4291.9	14.25	ND	222.4	6629.1	511.23	8276.6
SEMIVOLATILES										
98-86-2	Acetophenone	NS	ug/l	ND	ND	ND	ND	ND	ND	63.5 J+
92-52-4	Biphenyl (Diphenyl)	5	ug/l	57.9	ND	ND	ND	49.3	ND	44.8
86-74-8	Carbazole	NS	ug/l	7.7 J	R	R	R	4.2 J	R	4.3 J
132-64-9	Dibenzofuran	NS	ug/l	4.5 J	ND	ND	ND	3.6 J	ND	2.8 J
131-11-3	Dimethyl Phthalate	50 (G)	ug/l	ND	ND	2.7 J	ND	2.4 J	ND	2.1 J
PAHs										
83-32-9	Acenaphthene	20 (G)	ug/l	18.4	ND	ND	ND	14.9	ND	12.5
208-96-8	Acenaphthylene	NS	ug/l	68.6	ND	ND	ND	170 J	7.1 J	63.4
120-12-7	Anthracene	50 (G)	ug/l	4.4 J	ND	ND	ND	6 J	ND	2.6 J
86-73-7	Fluorene	50 (G)	ug/l	51.2	ND	ND	ND	43.3	ND	10.8
91-57-6	2-Methylnaphthalene	NS	ug/l	1700 J	ND	ND	ND	840 J	ND	820 J
91-20-3	Naphthalene	10 (G)	ug/l	15200	ND	ND	ND	8100	160	9800
85-01-8	Phenanthrene	50 (G)	ug/l	42	ND	ND	ND	42.7	ND	30.2
129-00-0	Pyrene	50 (G)	ug/l	3.4 J	ND	ND	ND	2.7 J	ND	ND
Total PAHs				17088	ND	ND	ND	9219.6	167.1	10739.5
Total SVOCs				17158.1	ND	2.7	ND	9279.1	167.1	10857

- 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 Groundwater Analytical Results
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Con Ed - White Plains Validated Groundwater Analytical Data December 2016 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-17	MW-18	MW-19	MW-20	MW-101	Dup of MW-101-20161216 MW-101
CAS NO.	COMPOUND			MW-17-20161214 H6156-21 CTECH H6156 GROUND WATER 12/14/2016 9:25 2/8/2017	MW-18-20161216 H6156-09 CTECH H6156 GROUND WATER 12/16/2016 6:35 2/8/2017	MW-19-20161213 H6156-17 CTECH H6156 GROUND WATER 12/13/2016 13:15 2/8/2017	MW-20-20161213 H6156-14 CTECH H6156 GROUND WATER 12/13/2016 14:40 2/8/2017	MW-101-20161216 H6156-01 CTECH H6156 GROUND WATER 12/16/2016 7:55 2/8/2017	MW-1101-20161216 H6156-02 CTECH H6156 GROUND WATER 12/16/2016 7:55 2/8/2017
VOLATILES									
110-82-7	Cyclohexane	NS	ug/l	ND	3.5 J	ND	ND	2.7 J	2.7 J
98-82-8	Isopropylbenzene (Cumene)	5	ug/l	ND	5.6	ND	ND	1.1 J	1 J
108-87-2	Methylcyclohexane	NS	ug/l	ND	2.6 J	ND	ND	1.2 J	1.2 J
100-42-5	Styrene	5	ug/l	3.2 J	ND	ND	ND	ND	ND
1634-04-4	Tert-Butyl Methyl Ether	10 (G)	ug/l	ND	4.7 J	ND	ND	ND	ND
BTEX									
71-43-2	Benzene	1	ug/l	ND	32.4	ND	ND	2.1 J	2 J
100-41-4	Ethylbenzene	5	ug/l	ND	2.2 J	ND	ND	ND	ND
108-88-3	Toluene	5	ug/l	ND	11.5	ND	ND	ND	ND
179601-23-1	m,p-Xylene	5	ug/l	ND	30.6	ND	ND	ND	ND
95-47-6	O-Xylene	5	ug/l	ND	72.1	ND	ND	ND	ND
CVOCs									
107-06-2	1,2-Dichloroethane	0.6	ug/l	ND	ND	ND	ND	ND	ND
75-27-4	Bromodichloromethane	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
67-66-3	Chloroform	7	ug/l	ND	ND	ND	ND	ND	ND
156-59-2	Cis-1,2-Dichloroethylene	5	ug/l	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethylene (PCE)	5	ug/l	ND	ND	ND	ND	ND	ND
79-01-6	Trichloroethylene (TCE)	5	ug/l	ND	1.7 J	ND	ND	ND	ND
Total VOCs				3.2	166.9	ND	ND	7.1	6.9
SEMIVOLATILES									
98-86-2	Acetophenone	NS	ug/l	ND	ND	ND	ND	ND	ND
92-52-4	Biphenyl (Diphenyl)	5	ug/l	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	NS	ug/l	R	R	R	R	R	R
132-64-9	Dibenzofuran	NS	ug/l	ND	ND	ND	ND	ND	ND
131-11-3	Dimethyl Phthalate	50 (G)	ug/l	ND	ND	4.7 J	5.4 J	3 J	ND
PAHs									
83-32-9	Acenaphthene	20 (G)	ug/l	ND	4.5 J	ND	ND	12.1	11.7
208-96-8	Acenaphthylene	NS	ug/l	ND	11.9	ND	ND	ND	ND
120-12-7	Anthracene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
86-73-7	Fluorene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	NS	ug/l	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	10 (G)	ug/l	ND	130	ND	ND	ND	ND
85-01-8	Phenanthrene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
Total PAHs				ND	146.4	ND	ND	12.1	11.7
Total SVOCs				ND	146.4	4.7	5.4	15.1	11.7

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

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
MW-6	Total BTEX	353.6	NA	ND	ND	ND	ND	ND	9.7	13.8	ND	8.9	13.6	15.7	2.5
	Total VOC	402.1	NA	ND	ND	ND	ND	ND	12.2	15.8	ND	9.9	15.5	17.4	2.5
	Total PAH	1094.3	NA	ND	ND	ND	ND	ND	3.5	ND	ND	ND	ND	9.3	ND
	Total SVOC	1129.1	NA	ND	ND	ND	ND	15.4	3.5	2.5	ND	ND	ND	12.7	4.5
MW-7	Total BTEX	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	28.7	NA	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND
	Total PAH	0.2	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	27.2	NA	ND	ND	ND	ND	ND	2.8	ND	ND	ND	ND	3.6	6.0
MW-8	Total BTEX	3.4	NA	2.9	2.0	13.5	10.3	1.6	11.1	2.6	11.8	ND	0.5	5.2	8.0
	Total VOC	28.9	NA	7.1	2.0	41.5	23.2	8.9	35.5	13.0	39.7	ND	2.9	25.5	31.9
	Total PAH	0.2	NA	ND	40.0	769.9	766.3	416.6	750.1	416.6	566.2	ND	ND	1591.8	1196.2
	Total SVOC	26.9	NA	ND	85.7	769.9	766.3	416.6	753.7	416.6	568.9	ND	ND	1598.7	1203.9
MW-9	Total BTEX	NA	2305.0	374.0	664.0	172.9	53.4	34.5	36.3	189.1	474.1	7.4	113.7	13.6	720.2
	Total VOC	NA	2987.3	509.6	824.0	383.7	186.3	42.2	44.6	229.0	612.9	14.3	134.8	24.3	875.9
	Total PAH	NA	1275.4	49.8	400.0	189.4	21.2	14.3	27.4	88.3	19.0	ND	57.7	7.6	783.2
	Total SVOC	NA	1287.0	49.8	800.0	189.4	21.2	14.3	27.4	93.8	19.0	ND	63.0	7.6	783.2
MW-10	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND	0.5
	Total VOC	NA	5.1	0.6	ND	0.6	0.8	ND	2.1	ND	2.8	ND	ND	ND	3.8
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1
MW-11A	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	2.9	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND
	Total SVOC	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	3.2	ND
MW-11B	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	2.9	ND	ND	ND	ND	ND	1.3	0.8	ND	ND	ND	ND	ND
	Total PAH	NA	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	5.7	ND	ND	ND	ND	ND	ND	ND	ND	8.4	ND	2.4	ND
MW-11C	Total BTEX	NA	5711.3	4051.8	3160.0	4751.4	5201.6	2861.6	3835.1	1910.0	2530.0	2332.9	1610.4	2063.2	3562.7
	Total VOC	NA	7294.3	5095.8	3900.0	10668.8	6373.6	3473.2	4630.8	2341.0	3107.5	2852.8	2014.9	2552.9	4291.9
	Total PAH	NA	16130.2	7605.9	6380.0	16139.0	13636.0	11759.9	12821.0	11883.0	9490.0	16382.0	10217.0	34790.9	17088.0
	Total SVOC	NA	16209.9	7664.0	12760.0	16206.0	13712.0	11831.7	12879.0	11943.0	9554.3	16450.0	10271.6	34877.8	17158.1

Table 3
Summary of Historic Volatile and Semi-Volatile Organic Compound Sample Results

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
MW-12A	Total BTEX	NA	ND	23.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5
	Total VOC	NA	ND	31.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	14.3
	Total PAH	NA	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	ND	1.9	ND	ND	ND	ND	2.6	ND	ND	ND	ND	ND	ND
MW-12B	Total BTEX	NA	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	43.0	41.3	16.0	16.0	16.0	4.4	7.0	1.0	ND	0.4	ND	ND	ND
	Total PAH	NA	5.4	1.6	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND
	Total SVOC	NA	5.4	1.6	ND	ND	ND	ND	ND	25.5	ND	3.4	2.7	ND	2.7
MW-12C	Total BTEX	NA	826.7	951.5	1171.0	1174.3	3194.4	NA	NA	NA	NA	NA	NA	NA	NA
	Total VOC	NA	1269.0	1610.1	1761.0	2918.7	4921.9	NA	NA	NA	NA	NA	NA	NA	NA
	Total PAH	NA	3801.7	2307.3	2554.0	3142.5	17986.0	NA	NA	NA	NA	NA	NA	NA	NA
	Total SVOC	NA	3837.6	2331.7	5178.0	3165.5	18238.0	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	2.0	ND	ND	ND	ND
	Total VOC	NA	188.5	444.1	340.0	414.4	820.0	353.6	527.8	242.0	325.2	243.0	212.4	232.1	222.4
	Total PAH	NA	2.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	5.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-14	Total BTEX	NA	3146.0	3618.6	2990.0	3678.4	5223.0	4240.0	36.3	2557.0	4430.0	3950.0	2642.2	4739.2	5656.4
	Total VOC	NA	4692.9	5689.3	4590.0	9250.6	8196.4	6340.0	44.6	3806.0	6563.1	6079.4	3680.4	5614.6	6629.1
	Total PAH	NA	3321.2	8044.3	2317.0	6312.0	6585.4	6946.0	6963.4	3659.0	4596.4	6395.6	3572.7	12184.0	9219.6
	Total SVOC	NA	3351.3	8099.4	4673.0	6344.0	6636.6	6998.3	7004.0	3686.0	4629.5	6445.2	3597.1	12242.4	9279.1
MW-15	Total BTEX	NA	379.8	366.2	46.0	399.8	163.0	150.3	100.5	ND	327.8	69.7	63.5	109.1	260.2
	Total VOC	NA	600.3	688.9	285.0	1156.3	414.6	321.0	332.3	8.4	507.0	317.8	289.5	240.5	511.2
	Total PAH	NA	612.9	489.2	77.1	481.5	175.2	258.0	114.2	ND	161.4	66.6	95.7	127.3	167.1
	Total SVOC	NA	620.7	492.3	154.2	486.1	175.2	258.0	114.2	2.9	161.4	66.6	95.7	129.7	167.1
MW-16	Total BTEX	NA	2640.0	3810.0	3020.0	1780.0	4910.0	2470.0	3530.0	2590.0	3550.0	4088.2	2843.0	2564.1	6890.0
	Total VOC	NA	3401.7	4850.9	3980.0	4028.7	6147.0	3077.7	4468.7	3272.0	4415.7	5425.3	3759.1	3189.6	8276.6
	Total PAH	NA	8439.7	7160.2	1999.0	186.3	6458.7	5959.1	8852.1	6074.0	5108.8	8407.1	523.9	3824.6	10739.5
	Total SVOC	NA	8503.0	7230.1	4036.0	207.3	6487.4	5703.6	8901.2	6118.0	5142.4	8493.8	527.3	3874.1	10857.0
MW-17	Total BTEX	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	2.4	0.8	ND	ND	ND	1.4	1.5	ND	ND	ND	ND	ND	3.2
	Total PAH	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3
Summary of Historic Volatile and Semi-Volatile Organic Compound Sample Results

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
MW-18	Total BTEX	NA	NA	37.2	2.6	8.2	30.2	31.1	125.9	29.3	95.8	67.7	52.9	60.8	148.8
	Total VOC	NA	NA	48.1	13.2	31.5	40.1	41.5	143.4	36.3	111.1	79.1	59.7	67.1	166.9
	Total PAH	NA	NA	10.5	ND	6.5	5.9	43.1	204.9	40.3	160.9	51.6	6.1	54.2	146.4
	Total SVOC	NA	NA	10.5	ND	6.5	5.9	43.1	204.9	40.3	160.9	51.6	6.1	54.2	146.4
MW-19	Total BTEX	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	NA	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND
	Total PAH	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	NA	ND	ND	ND	ND	ND	ND	3.3	ND	ND	ND	3.5	4.7
MW-20	Total BTEX	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Total VOC	NA	NA	ND	ND	ND	ND	ND	1.4	ND	ND	ND	ND	ND	ND
	Total PAH	NA	NA	ND	ND	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND
	Total SVOC	NA	NA	ND	ND	ND	ND	8.9	5.8	5.8	ND	ND	ND	3.7	5.4
MW-101	Total BTEX	NA	NA	428.0	687.0	710.0	139.2	128.8	147.1	61.8	59.7	17.7	12.0	9.2	2.1
	Total VOC	NA	NA	454.0	687.0	1488.0	144.8	133.6	159.6	68.9	66.9	17.7	15.3	9.2	7.1
	Total PAH	NA	NA	283.6	245.0	614.6	85.2	107.2	76.7	85.6	44.5	25.2	27.3	15.7	12.1
	Total SVOC	NA	NA	304.4	490.0	621.4	91.0	113.1	79.7	94.2	47.3	25.2	27.3	15.7	15.1

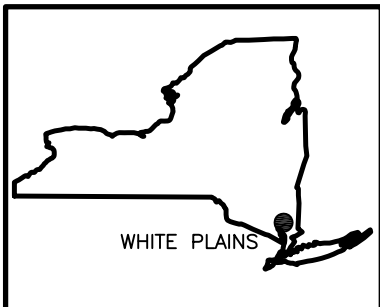
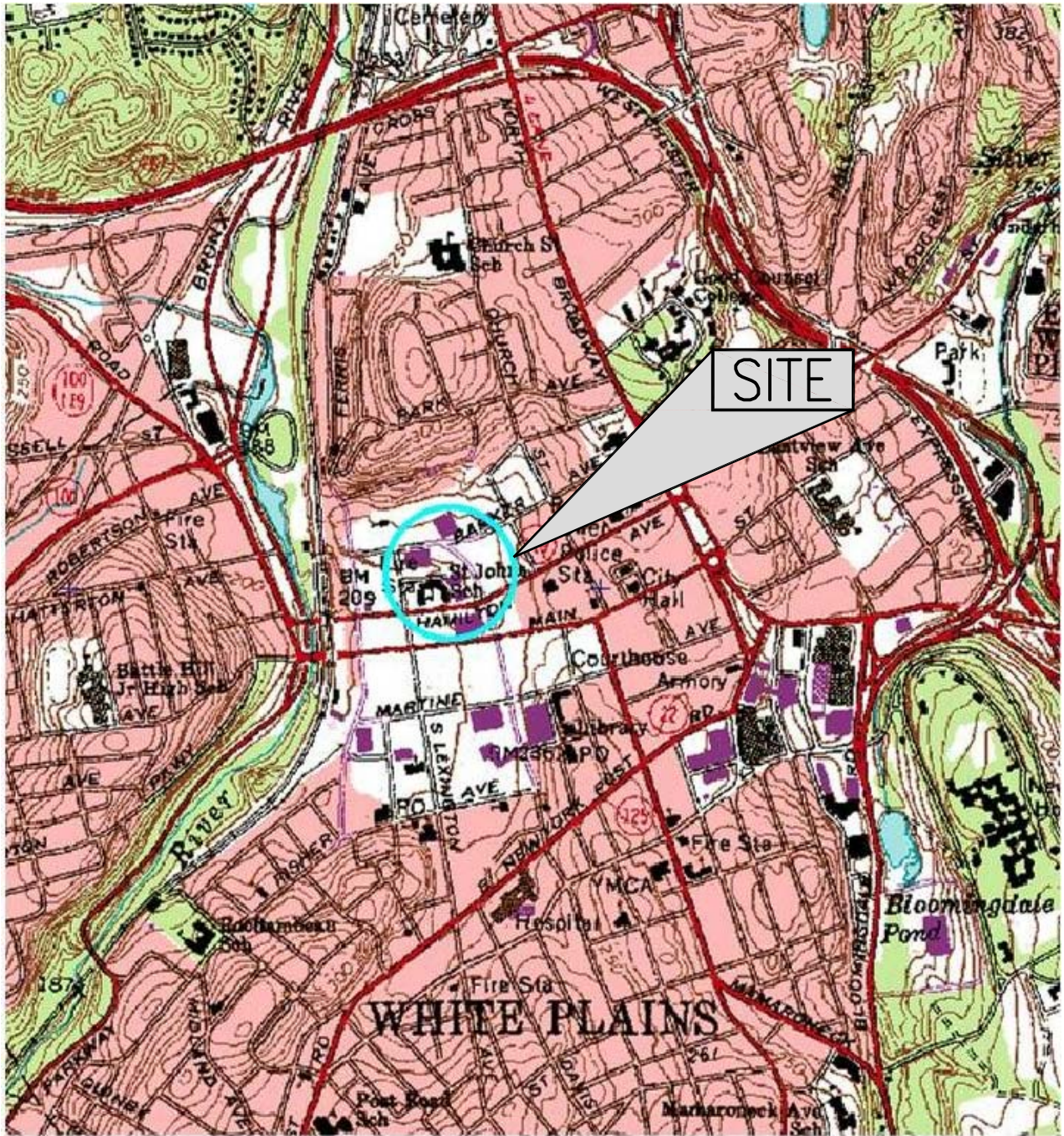
Notes:

ND - Not Detected

NA - Not Analyzed

All Results in ug/L

FIGURES



WHITE PLAINS

QUADRANGLE LOCATION
NEW YORK



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

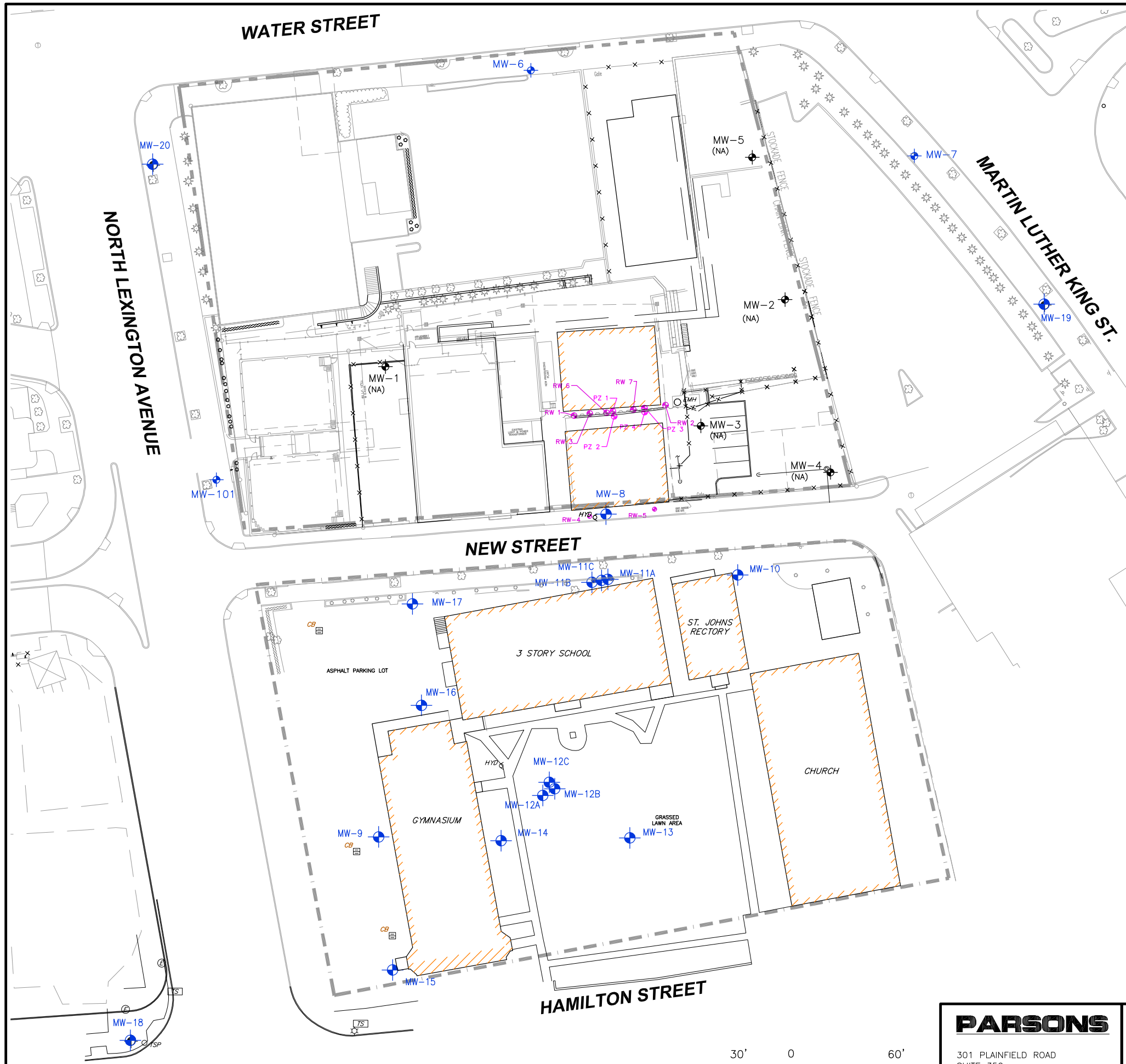
FIGURE 1

**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

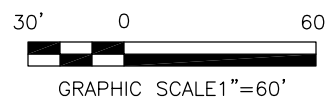


LEGEND:

 MONITORING WELL

 (NA) NO LONGER ACCESSIBLE

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



PARSONS

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



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

MONITORING WELL LOCATION MAP

FIGURE NO.
 2

ATTACHMENTS

Attachment 1
Groundwater Sampling Records

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/17/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-6</u>					WELL DEPTH: <u>16.10</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches																
PID/FID READINGS:					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm					PUMP INTAKE DEPTH: <u>14.00</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>3.73</u> feet below TOC					SERIAL #: _____						
BENEATH INNER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					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		6.59	-	0.897	-	21.0	-	8.17	-	66.4	-	15.85	-	300	4.89
0800	X		6.55	0.04	0.780	0.12	9.0	12.00	8.11	0.06	64.5	1.90	15.57	0.28	300	4.89
0805	X		6.43	0.12	0.842	-0.06	-15.0	24.00	8.02	0.09	40.6	23.90	14.54	1.03	300	4.89
0810	X		6.35	0.08	0.941	-0.10	-27.0	12.00	8.00	0.02	14.7	25.90	15.09	-0.55	300	4.89
0815	X		6.32	0.03	0.995	-0.05	-25.0	-2.00	8.45	-0.45	11.9	2.80	15.11	-0.02	300	4.89
0820	X		6.32	0.00	0.978	0.02	-18.0	-7.00	7.37	1.08	7.2	4.70	15.96	-0.85	300	4.89
0825	X		6.31	0.01	0.924	0.05	-16.0	-2.00	7.06	0.31	3.7	3.50	16.07	-0.11	300	4.89
0830	X		6.30	0.01	0.924	0.00	-12.0	-4.00	7.00	0.06	3.2	0.50	16.32	-0.25	300	4.89
0835	X		6.30	0.00	0.928	0.00	-7	-5.00	6.92	0.08	3.6	-0.40	16.40	-0.08	300	4.89
0840		X	6.30	0.00	0.930	0.00	-4	-3.00	6.92	0.00	3.4	0.20	16.43	-0.03	300	4.89
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: <u>MW-6</u>					Duplicate Collected?: <u>N</u>					Clarity:						
Sample Time: <u>0840</u>					MS/MSD Collected?: <u>N</u>					Odor:						
Comments:					Filtering?: <u>N</u>					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: <u>Aaron Feshbach-Meriney</u>										DATE: <u>12/17/16</u>						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/13/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-7</u>					WELL DEPTH: <u>15.70</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches																
PID/FID READINGS:					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm					PUMP INTAKE DEPTH: <u>13.00</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>9.80</u> feet below TOC					SERIAL #: _____						
BENEATH INNER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					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		
0930	X		6.45	-	2.230	-	-117.0	-	8.67	-	ERROR	-	14.33	-	200	9.95
0935	X		6.47	0.02	2.290	0.06	-119.0	-2.00	8.66	-0.01	782.0	-	13.40	-0.93	110	9.80
0940	X		6.47	0.00	2.380	0.09	-118.0	1.00	8.65	-0.01	ERROR	-	13.52	0.12	110	9.80
0945	X		6.46	-0.01	2.410	0.03	-116.0	2.00	8.63	-0.02	501.0	-	13.64	0.12	110	9.80
0950	X		6.45	-0.01	2.440	0.03	-115.0	1.00	8.63	0.00	311.0	-190.00	13.81	0.17	110	9.80
0955	X		6.45	0.00	2.460	0.02	-114.0	1.00	8.63	0.00	161.0	-150.00	13.90	0.09	110	9.80
1000	X		6.45	0.00	2.480	0.02	-114.0	0.00	8.14	-0.49	105.0	-56.00	14.22	0.32	110	9.80
1005	X		6.46	0.01	2.490	0.01	-115.0	-1.00	7.41	-0.73	72.2	-32.80	14.15	-0.07	110	9.80
1010	X		6.46	0.00	2.500	0.01	-115	0.00	6.87	-0.54	51.7	-20.50	14.14	-0.01	110	9.80
1015	X		6.47	0.01	2.520	0.02	-116	-1.00	6.29	-0.58	39.1	-12.60	14.30	0.16	110	9.80
1020	X		6.47	0.00	2.540	0.02	-117	-1.00	5.15	-1.14	26.9	-12.20	14.49	0.19	110	9.80
1025	X		6.47	0.00	2.560	0.02	-117	0.00	5.42	0.27	19.3	-7.60	14.40	-0.09	110	9.80
1030	X		6.47	0.00	2.590	0.03	-117	0.00	5.38	-0.04	19.0	-0.30	14.45	0.05	110	9.80
1035		X	6.48	0.01	2.600	0.01	-117	0.00	5.37	-0.01	18.8	-0.20	14.42	-0.03	110	9.80
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-7					Duplicate Collected?: N					Clarity:						
Sample Time: 1035					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: 12/13/16						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/16/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-8</u>					WELL DEPTH: <u>39.40</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches																
PID/FID READINGS:			PUMPING INFORMATION:						WATER QUALITY METER INFORMATION:							
BACKGROUND: _____ ppm			PUMP INTAKE DEPTH: <u>37.00</u> feet below TOC						INSTRUMENT MAKE/MODEL: _____							
BENEATH OUTER CAP: _____ ppm			DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>23.57</u> feet below TOC						SERIAL #: _____							
BENEATH INNER CAP: _____ ppm			MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>						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		
1030	X		5.86	-	4.570	-	-52.0	-	9.46	-	103.0	-	12.71	-	200	23.64
1035	X		5.78	-0.08	4.370	-0.20	-53.0	-1.00	7.30	-2.16	49.1	-53.90	13.20	0.49	200	23.66
1040	X		5.83	0.05	3.290	-1.08	-48.0	5.00	6.49	-0.81	32.1	-17.00	13.96	0.76	200	23.68
1045	X		5.82	-0.01	2.810	-0.48	-51.0	-3.00	6.05	-0.44	32.3	0.20	14.37	0.41	200	23.69
1050	X		5.77	-0.05	2.860	0.05	-51.0	0.00	5.80	-0.25	20.2	-12.10	14.35	-0.02	200	23.69
1055	X		5.71	-0.06	2.940	0.08	-49.0	2.00	5.28	-0.52	7.1	-13.10	14.58	0.23	200	23.70
1100	X		5.69	-0.02	2.970	0.03	-48.0	1.00	5.35	0.07	6.8	-0.30	14.50	-0.08	200	23.70
1105		X	5.68	-0.01	2.990	0.02	-48.0	0.00	5.36	0.01	6.6	-0.20	14.52	0.02	200	23.70
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-8					Duplicate Collected?: N					Clarity:						
Sample Time: 1105					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: 12/16/16				
REVIEWER NAME & SIGNATURE:												DATE:				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/14/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-9</u>					WELL DEPTH: <u>61.85</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches																
PID/FID READINGS:					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm					PUMP INTAKE DEPTH: <u>59.80</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>30.45</u> feet below TOC					SERIAL #: _____						
BENEATH INNER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					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		
0820	X		5.25	-	3.620	-	-34.0	-	7.56	-	ERROR	-	13.17	-	500	30.65
0825	X		5.54	0.29	3.540	-0.08	-54.0	-20.00	6.94	-0.62	229.0	-	14.03	0.86	500	30.65
0830	X		5.68	0.14	3.560	0.02	-60.0	-6.00	5.91	-1.03	113.4	-115.60	14.10	0.07	500	30.65
0835	X		5.68	0.00	3.560	0.00	-64.0	-4.00	5.32	-0.59	54.0	-59.40	14.13	0.03	500	30.65
0840	X		5.70	0.02	3.580	0.02	-66.0	-2.00	4.81	-0.51	30.9	-23.10	14.14	0.01	500	30.67
0845	X		5.70	0.00	3.590	0.01	-69.0	-3.00	4.80	-0.01	22.6	-8.30	14.14	0.00	500	30.67
0850	X		5.75	0.05	3.600	0.01	-70.0	-1.00	4.75	-0.05	19.1	-3.50	14.14	0.00	500	30.67
0855	X		5.76	0.01	3.600	0.00	-70.0	0.00	4.52	-0.23	10.4	-8.70	14.14	0.00	500	30.67
0900	X		5.77	0.01	3.580	-0.02	-72	-2.00	4.29	-0.23	9.6	-0.80	14.14	0.00	500	30.65
0905	X		5.78	0.01	3.570	-0.01	-73	-1.00	4.16	-0.13	9.4	-0.20	14.14	0.00	500	30.65
0910		X	5.78	0.00	3.580	0.01	-74	-1.00	4.11	-0.05	9.0	-0.40	14.16	0.02	500	30.65
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-9					Duplicate Collected?: N					Clarity:						
Sample Time: 0910					MS/MSD Collected?: N					Odor: Yes						
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: 0910						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/14/16</u>												FIELD PERSONNEL: <u>S. Paralkar</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-10</u>						WELL DEPTH: <u>50.7</u> feet						SCREENED/OPEN INTERVAL: _____				
WELL PERMIT #: _____						WELL DIAMETER: <u>2</u> inches										
PID/FID READINGS:				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>47</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>21.04</u> feet below TOC								SERIAL #: _____				
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								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		
1325	X		7.13	-	7.150	-	146.0	-	6.91	-	120.0	-	11.84	-	150	22.16
1330	X		6.86	-0.27	7.490	0.34	162.0	16.00	1.87	-5.04	78.0	-42.00	13.64	1.80	150	22.48
1335	X		6.85	-0.01	7.420	-0.07	153.0	-9.00	1.42	-0.45	38.0	-40.00	13.23	-0.41	150	22.49
1340	X		6.84	-0.01	7.390	-0.03	142.0	-11.00	1.53	0.11	23.9	-14.10	12.21	-1.02	150	22.49
1345	X		6.83	-0.01	7.330	-0.06	113.0	-29.00	1.38	-0.15	12.9	-11.00	11.70	-0.51	150	22.49
1350	X		6.80	-0.03	7.310	-0.02	89.0	-24.00	1.18	-0.20	9.6	-3.30	14.61	2.91	150	22.50
1355	X		6.80	0.00	7.320	0.01	85.0	-4.00	1.20	0.02	9.9	0.30	14.63	0.02	150	22.50
1400		X	6.79	-0.01	7.310	-0.01	79.0	-6.00	1.20	0.00	9.7	-0.20	14.60	-0.03	150	22.51
SAMPLING INFORMATION:							QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-10							Duplicate Collected?: N					Clarity:				
Sample Time: 1400							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: 12/14/16				
REVIEWER NAME & SIGNATURE:												DATE:				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/14/16</u>										FIELD PERSONNEL: <u>S. Paralkar</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-11A</u>					WELL DEPTH: <u>36.40</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches																
PID/FID READINGS:					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm					PUMP INTAKE DEPTH: <u>33</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>26.82</u> feet below TOC					SERIAL #: _____						
BENEATH INNER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					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		
1025	X		6.89		5.190	-	174.0	-	11.59	-	190.0	-	13.83	-	150	21.21
1030	X		7.00	0.11	5.220	0.03	180.0	6.00	10.46	-1.13	95.1	-94.90	14.74	0.91	100	22.12
1035	X		7.06	0.06	5.250	0.03	172.0	-8.00	9.84	-0.62	36.8	-58.30	15.69	0.95	100	22.21
1040	X		7.10	0.04	5.260	0.01	166.0	-6.00	9.82	-0.02	17.1	-19.70	15.17	-0.52	100	22.22
1045	X		7.12	0.02	5.280	0.02	163.0	-3.00	9.08	-0.74	10.5	-6.60	14.39	-0.78	100	22.23
1050	X		7.13	0.01	5.260	-0.02	160.0	-3.00	10.00	0.92	2.5	-8.00	14.35	-0.04	100	22.23
1055		X	7.13	0.00	5.250	-0.01	159.0	-1.00	10.01	0.01	0.8	-1.70	14.34	-0.01	100	22.23
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-11A					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: 12/14/16						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>							
DATE: <u>12/14/16</u>												FIELD PERSONNEL: <u>S. Paralkar</u>							
WEATHER: _____																			
MONITOR WELL #: <u>MW-11B</u>						WELL DEPTH: <u>27.82</u> feet						SCREENED/OPEN INTERVAL: _____							
WELL PERMIT #: _____																			
WELL DIAMETER: <u>2</u> inches				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:							
PID/FID READINGS:				PUMP INTAKE DEPTH: <u>25</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____							
BACKGROUND: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>24.31</u> feet below TOC								SERIAL #: _____							
BENEATH OUTER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								TEMP. CORRECTION VALUE: _____							
BENEATH INNER CAP: _____ ppm																			
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					
1130	X		7.04	-	8.500	-	116.0	-	9.26	-	56.8	-	15.42	-	150	24.39			
1135	X		6.98	-0.06	8.500	0.00	118.0	2.00	9.08	-0.18	53.4	-3.40	16.31	0.89	100	24.39			
1140	X		6.96	-0.02	8.360	-0.14	122.0	4.00	9.16	0.08	46.8	-6.60	15.24	-1.07	100	24.39			
1145	X		6.95	-0.01	8.390	0.03	117.0	-5.00	8.82	-0.34	19.5	-27.30	16.67	1.43	100	24.39			
1150	X		6.97	0.02	8.260	-0.13	121.0	4.00	8.26	-0.56	10.6	-8.90	15.10	-1.57	100	24.39			
1155	X		6.96	-0.01	8.250	-0.01	112.0	-9.00	8.27	0.01	5.0	-5.60	15.30	0.20	100	24.39			
1200	X		6.96	0.00	8.220	-0.03	113.0	1.00	8.31	0.04	5.5	0.50	15.35	0.05	100	24.39			
1205		X	6.95	-0.01	8.230	0.01	115.0	2.00	8.30	-0.01	5.2	-0.30	15.37	0.02	100	24.39			
SAMPLING INFORMATION:						QA/QC INFORMATION:						ADDITIONAL OBSERVATIONS/COMMENTS:							
Sample ID: MW-11B						Duplicate Collected?: N						Clarity:							
Sample Time: 1205						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: <u>Aaron Feshbach-Meriney</u>												DATE: <u>12/14/16</u>							
REVIEWER NAME & SIGNATURE: _____												DATE: _____							

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/16/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-11C</u>					WELL DEPTH: <u>49.81</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
PID/FID READINGS:					PUMP INTAKE DEPTH: <u>47.00</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BACKGROUND: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>24.48</u> feet below TOC					SERIAL #: _____						
BENEATH OUTER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					TEMP. CORRECTION VALUE: _____						
BENEATH INNER CAP: _____ ppm																
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		
1050	X		6.86	-	2.590	-	-137.0	-	8.72	-	275.0	-	12.73	-	300	24.40
1055	X		7.05	0.19	2.570	-0.02	-168.0	-31.00	5.64	-3.08	245.0	-30.00	13.96	1.23	300	24.38
1100	X		7.05	0.00	2.600	0.03	-180.0	-12.00	4.99	-0.65	90.8	-154.20	14.00	0.04	250	24.38
1105	X		7.06	0.01	2.630	0.03	-185.0	-5.00	4.73	-0.26	74.2	-16.60	14.05	0.05	250	24.36
1110	X		7.06	0.00	2.640	0.01	-192.0	-7.00	3.80	-0.93	30.1	-44.10	14.20	0.15	250	24.36
1115	X		7.06	0.00	2.650	0.01	-196.0	-4.00	3.77	-0.03	28.9	-1.20	14.24	0.04	250	24.36
1120	X		7.08	0.02	2.680	0.03	-201.0	-5.00	3.76	-0.01	28.5	-0.40	14.20	-0.04	250	24.36
1125		X	7.10	0.02	2.700	0.02	-203.0	-2.00	3.75	-0.01	28.8	0.30	14.18	-0.02	250	24.36
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-11C					Duplicate Collected?: N					Clarity:						
Sample Time: 1125					MS/MSD Collected?: N					Odor: Yes (slight)						
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: 12/16/16						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/14/16</u>												FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-12A</u>						WELL DEPTH: <u>30.60</u> feet						SCREENED/OPEN INTERVAL: _____				
WELL PERMIT #: _____						WELL DIAMETER: <u>2</u> inches										
PID/FID READINGS:				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>29.60</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>27.62</u> feet below TOC								SERIAL #: _____				
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								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		7.01	-	0.692	-	26.0	-	9.12	-	154.0	-	13.99	-	500	27.77
1010	X		6.79	-0.22	0.664	-0.03	41.0	15.00	8.07	-1.05	32.3	-121.70	14.95	0.96	500	27.78
1015	X		6.54	-0.25	0.659	-0.01	57.0	16.00	7.25	-0.82	9.2	-23.10	15.49	0.54	500	27.78
1020	X		6.46	-0.08	0.658	0.00	66.0	9.00	7.23	-0.02	3.4	-5.80	15.39	-0.10	500	27.78
1025	X		6.43	-0.03	0.655	0.00	72.0	6.00	7.21	-0.02	3.4	0.00	15.49	0.10	500	27.78
1030	X		6.41	-0.02	0.654	0.00	77.0	5.00	7.17	-0.04	2.9	-0.50	15.49	0.00	500	27.78
1035	X		6.39	-0.02	0.653	0.00	82.0	5.00	7.13	-0.04	2.8	-0.10	15.47	-0.02	500	27.78
1040		X	6.37	-0.02	0.652	0.00	85.0	3.00	7.17	0.04	2.7	-0.10	15.47	0.00	500	27.78
SAMPLING INFORMATION:							QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-12A							Duplicate Collected?: N					Clarity:				
Sample Time: 1040							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: <u>Aaron Feshbach-Meriney</u>												DATE: <u>12/14/16</u>				
REVIEWER NAME & SIGNATURE: _____												DATE: _____				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/14/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-12B</u>					WELL DEPTH: <u>44.45</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
PID/FID READINGS:					PUMP INTAKE DEPTH: <u>42.00</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BACKGROUND: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>27.60</u> feet below TOC					SERIAL #: _____						
BENEATH OUTER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					TEMP. CORRECTION VALUE: _____						
BENEATH INNER CAP: _____ ppm																
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		
1110	X		5.70	-	1.910	-	48.0	-	1.43	-	446.0	-	14.31	-	600	28.40
1115	X		5.82	0.12	2.070	0.16	3.0	-45.00	0.50	-0.93	117.0	-329.00	14.46	0.15	500	28.15
1120	X		5.88	0.06	2.240	0.17	6.0	3.00	0.46	-0.04	11.2	-105.80	14.66	0.20	500	28.18
1125	X		5.91	0.03	2.280	0.04	16.0	10.00	0.39	-0.07	2.3	-8.90	14.70	0.04	500	28.19
1130	X		5.93	0.02	2.290	0.01	24.0	8.00	0.46	0.07	0.0	-2.30	14.65	-0.05	500	28.19
1135	X		5.95	0.02	2.300	0.01	30.0	6.00	0.42	-0.04	0.0	0.00	14.68	0.03	500	28.19
1140	X		5.96	0.01	2.300	0.00	34.0	4.00	0.40	-0.02	0.0	0.00	14.65	-0.03	500	28.20
1145		X	5.97	0.01	2.300	0.00	36.0	2.00	0.43	0.03	0.0	0.00	14.70	0.05	500	28.20
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-12B					Duplicate Collected?: N					Clarity:						
Sample Time: 1145					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: 12/14/16						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/14/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-13</u>					WELL DEPTH: <u>64.60</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches																
PID/FID READINGS:					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm					PUMP INTAKE DEPTH: <u>64.60</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>27.76</u> feet below TOC					SERIAL #: _____						
BENEATH INNER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					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		
1325	X		6.34	-	2.850	-	-43.0	-	5.38	-	117.0	-	11.98	-	500	27.80
1330	X		5.90	-0.44	3.200	0.35	-79.0	-36.00	1.02	-4.36	42.7	-74.30	13.21	1.23	500	27.90
1335	X		5.77	-0.13	3.170	-0.03	-81.0	-2.00	0.74	-0.28	41.4	-1.30	13.72	0.51	500	27.91
1340	X		5.71	-0.06	3.160	-0.01	-82.0	-1.00	0.57	-0.17	39.0	-2.40	13.82	0.10	500	27.92
1345	X		5.68	-0.03	3.190	0.03	-82.0	0.00	0.50	-0.07	37.4	-1.60	13.89	0.07	500	27.92
1350	X		5.66	-0.02	3.200	0.01	-82.0	0.00	0.42	-0.08	37.1	-0.30	13.87	-0.02	500	27.93
1355	X		5.65	-0.01	3.220	0.02	-82.0	0.00	0.48	0.06	37.1	0.00	13.88	0.01	500	27.93
1400		X	5.64	-0.01	3.220	0.00	-83.0	-1.00	0.45	-0.03	36.9	-0.20	13.93	0.05	500	27.93
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-13					Duplicate Collected?: N					Clarity: Cloudy						
Sample Time: 1400					MS/MSD Collected?: N					Odor: Slight						
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: 12/14/16						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/16/16</u>												FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-14</u>						WELL DEPTH: <u>64.35</u> feet						SCREENED/OPEN INTERVAL: _____				
WELL PERMIT #: _____						WELL DIAMETER: <u>2</u> inches										
PID/FID READINGS:				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>62.00</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>28.10</u> feet below TOC								SERIAL #: _____				
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								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		
0935	X		5.94	-	2.310	-	-80.0	-	2.00	-	ERROR	-	11.99	-	200	28.20
0940	X		5.89	-0.05	2.310	0.00	-117.0	-37.00	0.72	-1.28	ERROR	-	12.75	0.76	200	28.44
0945	X		5.88	-0.01	2.300	-0.01	-131.0	-14.00	0.45	-0.27	ERROR	-	12.85	0.10	200	28.46
0950	X		5.89	0.01	2.280	-0.02	-146.0	-15.00	0.37	-0.08	249.0	-	13.26	0.41	200	28.46
0955	X		5.89	0.00	2.290	0.01	-158.0	-12.00	0.30	-0.07	90.7	-158.30	13.77	0.51	200	28.46
1000	X		5.90	0.01	2.300	0.01	-159.0	-1.00	0.30	0.00	43.3	-47.40	13.69	-0.08	200	28.46
1005	X		5.92	0.02	2.300	0.00	-162.0	-3.00	0.28	-0.02	43.0	-0.30	13.57	-0.12	200	28.46
1010		X	5.92	0.00	2.310	0.01	-165.0	-3.00	0.27	-0.01	42.6	-0.40	13.56	-0.01	200	28.46
SAMPLING INFORMATION:						QA/QC INFORMATION:						ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-14						Duplicate Collected?: N						Clarity: slightly turbid				
Sample Time: 1010						MS/MSD Collected?: N						Odor: slight				
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: 12/16/16				
REVIEWER NAME & SIGNATURE:												DATE:				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/16/16</u>												FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-15</u>						WELL DEPTH: <u>66.58</u> feet						SCREENED/OPEN INTERVAL: _____				
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
PID/FID READINGS:				PUMP INTAKE DEPTH: <u>64.00</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BACKGROUND: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>30.80</u> feet below TOC								SERIAL #: _____				
BENEATH OUTER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								TEMP. CORRECTION VALUE: _____				
BENEATH INNER CAP: _____ ppm																
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		
0840	X		5.99	-	3.790	-	-70.0	-	1.55	-	717.0	-	12.82	-	250	31.20
0845	X		5.83	-0.16	3.800	0.01	-76.0	-6.00	0.62	-0.93	72.1	-644.90	12.84	0.02	250	31.20
0850	X		5.80	-0.03	3.800	0.00	-76.0	0.00	0.56	-0.06	56.3	-15.80	10.86	-1.98	250	31.20
0855	X		5.76	-0.04	3.810	0.01	-78.0	-2.00	0.54	-0.02	7.4	-48.90	10.88	0.02	250	31.20
0900	X		5.75	-0.01	3.810	0.00	-79.0	-1.00	0.50	-0.04	4.2	-3.20	10.52	-0.36	250	31.20
0905	X		5.71	-0.04	3.840	0.03	-80.0	-1.00	0.50	0.00	4.0	-0.20	10.50	-0.02	250	31.20
0910	X		5.70	-0.01	3.840	0.00	-80.0	0.00	0.51	0.01	3.9	-0.10	10.46	-0.04	250	31.20
0915		X	5.70	0.00	3.840	0.00	-81.0	-1.00	0.49	-0.02	3.7	-0.20	10.44	-0.02	250	31.20
SAMPLING INFORMATION:						QA/QC INFORMATION:						ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-15						Duplicate Collected?: N						Clarity:				
Sample Time: 0915						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: 12/16/16				
REVIEWER NAME & SIGNATURE:												DATE:				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/15/16</u>												FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-16</u>				WELL DEPTH: <u>64.40</u> feet				SCREENED/OPEN INTERVAL: _____								
WELL PERMIT #: _____				WELL DIAMETER: <u>2</u> inches												
PID/FID READINGS:				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>62.00</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>29.07</u> feet below TOC								SERIAL #: _____				
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								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		
1500	X		6.27	-	4.100	-	-89.0	-	2.17	-	161.0	-	13.81	-	280	29.30
1505	X		6.23	-0.04	3.600	-0.50	-97.0	-8.00	1.60	-0.57	41.4	-119.60	14.30	0.49	250	29.30
1510	X		6.10	-0.13	3.540	-0.06	-101.0	-4.00	1.10	-0.50	25.7	-15.70	14.92	0.62	250	29.30
1515	X		6.04	-0.06	3.520	-0.02	-104.0	-3.00	0.81	-0.29	10.3	-15.40	14.47	-0.45	250	29.30
1520	X		6.00	-0.04	3.500	-0.02	-105.0	-1.00	0.71	-0.10	4.1	-6.20	14.60	0.13	250	29.30
1525	X		5.98	-0.02	3.540	0.04	-108.0	-3.00	0.69	-0.02	3.9	-0.20	14.63	0.03	250	29.30
1530	X		5.96	-0.02	3.570	0.03	-111.0	-3.00	0.66	-0.03	3.9	0.00	14.65	0.02	250	29.30
1535		X	5.95	-0.01	3.580	0.01	-112.0	-1.00	0.64	-0.02	3.8	-0.10	14.69	0.04	250	29.30
SAMPLING INFORMATION:							QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-16							Duplicate Collected?: N					Clarity:				
Sample Time: 1535							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: <u>Aaron Feshbach-Meriney</u>												DATE: <u>12/15/16</u>				
REVIEWER NAME & SIGNATURE: _____												DATE: _____				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/14/16</u>										FIELD PERSONNEL: <u>S. Paralkar</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-17</u>				WELL DEPTH: <u>50.50</u> feet				SCREENED/OPEN INTERVAL: _____								
WELL PERMIT #: _____				WELL DIAMETER: <u>2</u> inches												
PID/FID READINGS:				PUMPING INFORMATION:						WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>48.0</u> feet below TOC						INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>23.80</u> feet below TOC						SERIAL #: _____						
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>						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		
0850	X		6.50	-	1.150	-	220.0	-	13.11	-	300.00	-	15.82	-	200	25.21
0855	X		6.80	0.30	1.220	0.07	207.0	-13.00	11.62	-1.49	150.00	-150.00	15.06	-0.76	200	26.51
0900	X		6.95	0.15	1.340	0.12	197.0	-10.00	10.94	-0.68	80.20	-69.80	16.69	1.63	200	26.55
0905	X		7.17	0.22	1.200	-0.14	187.0	-10.00	11.52	0.58	51.30	-28.90	16.87	0.18	200	26.56
0910	X		7.18	0.01	1.220	0.02	182.0	-5.00	11.50	-0.02	30.60	-20.70	15.96	-0.91	200	26.57
0915	X		7.18	0.00	1.220	0.00	180.0	-2.00	11.50	0.00	29.60	-1.00	15.92	-0.04	200	26.57
0920	X		7.19	0.01	1.230	0.01	178.0	-2.00	11.49	-0.01	29.40	-0.20	15.91	-0.01	200	26.57
0925		X	7.19	0.00	1.240	0.01	174.0	-4.00	11.49	0.00	28.90	-0.50	15.89	-0.02	200	26.57
SAMPLING INFORMATION:						QA/QC INFORMATION:						ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-17						Duplicate Collected?: N						Clarity:				
Sample Time: 0925						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: 12/14/16				
REVIEWER NAME & SIGNATURE:												DATE:				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/16/16</u>												FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-18</u>				WELL DEPTH: <u>71.44</u> feet				SCREENED/OPEN INTERVAL: _____								
WELL PERMIT #: _____				WELL DIAMETER: <u>2</u> inches												
PID/FID READINGS:				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>69.00</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>32.40</u> feet below TOC								SERIAL #: _____				
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								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		
0600	X		6.28	-	3.620	-	-88.0	-	2.29	-	ERROR	-	10.14	-	200	32.47
0605	X		6.11	-0.17	3.680	0.06	-99.0	-11.00	1.20	-1.09	461.0	-	10.51	0.37	290	32.47
0610	X		6.06	-0.05	3.730	0.05	-106.0	-7.00	0.72	-0.48	10.5	-450.50	10.59	0.08	290	32.47
0615	X		6.03	-0.03	3.700	-0.03	-105.0	1.00	0.69	-0.03	10.9	0.40	10.60	0.01	290	32.47
0620	X		6.02	-0.01	3.690	-0.01	-105.0	0.00	0.64	-0.05	11.7	0.80	10.60	0.00	290	32.47
0625	X		6.00	-0.02	3.670	-0.02	-108.0	-3.00	0.60	-0.04	0.9	-10.80	10.66	0.06	290	32.48
0630	X		5.99	-0.01	3.720	0.05	-109.0	-1.00	0.55	-0.05	0.7	-0.20	10.70	0.04	290	32.48
0635		X	5.99	0.00	3.730	0.01	-109.0	0.00	0.57	0.02	0.7	0.00	10.71	0.01	290	32.48
SAMPLING INFORMATION:							QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-18							Duplicate Collected?: N					Clarity:				
Sample Time: 0635							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: 12/16/16				
REVIEWER NAME & SIGNATURE:												DATE:				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/13/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-19</u>					WELL DEPTH: <u>20.15</u> feet					SCREENED/OPEN INTERVAL: _____						
WELL PERMIT #: _____																
WELL DIAMETER: <u>2</u> inches					PUMPING INFORMATION:					WATER QUALITY METER INFORMATION:						
PID/FID READINGS:					PUMP INTAKE DEPTH: <u>18.00</u> feet below TOC					INSTRUMENT MAKE/MODEL: _____						
BACKGROUND: _____ ppm					DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>8.89</u> feet below TOC					SERIAL #: _____						
BENEATH OUTER CAP: _____ ppm					MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>					TEMP. CORRECTION VALUE: _____						
BENEATH INNER CAP: _____ ppm																
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		6.20	-	13.300	-	-93.0	-	9.61	-	ERROR	-	13.57	-	200	9.86
1210	X		6.21	0.01	13.900	0.60	-103.0	-10.00	9.30	-0.31	ERROR	-	12.64	-0.93	200	10.28
1215	X		6.21	0.00	13.700	-0.20	-106.0	-3.00	9.28	-0.02	ERROR	-	13.50	0.86	200	10.30
1220	X		6.19	-0.02	13.500	-0.20	-107.0	-1.00	7.90	-1.38	ERROR	-	14.18	0.68	200	10.30
1225	X		6.18	-0.01	13.500	0.00	-108.0	-1.00	7.56	-0.34	ERROR	-	14.64	0.46	200	10.30
1230	X		6.18	0.00	13.200	-0.30	-108.0	0.00	7.23	-0.33	740.0	-	14.12	-0.52	200	10.30
1235	X		6.16	-0.02	13.400	0.20	-106.0	2.00	7.06	-0.17	474.0	-266.00	14.03	-0.09	200	10.30
1240	X		6.16	0.00	13.400	0.00	-107.0	-1.00	6.94	-0.12	344.0	-130.00	13.95	-0.08	200	10.30
1245	X		6.15	-0.01	13.400	0.00	-108	-1.00	6.94	0.00	207.0	-137.00	14.06	0.11	200	10.30
1250	X		6.15	0.00	13.400	0.00	-109	-1.00	6.93	-0.01	159.0	-48.00	14.07	0.01	200	10.30
1255	X		6.15	0.00	13.300	-0.10	-110	-1.00	6.90	-0.03	121.0	-38.00	14.05	-0.02	200	10.30
1300	X		6.15	0.00	13.300	0.00	-110	0.00	6.90	0.00	101.0	-20.00	14.00	-0.05	200	10.30
1305	X		6.15	0.00	13.400	0.10	-110	0.00	6.90	0.00	87.8	-13.20	14.00	0.00	200	10.30
1310	X		6.15	0.00	13.400	0.00	-111	-1.00	6.90	0.00	87.0	-0.80	14.00	0.00	200	10.30
1315		X	6.15	0.00	13.400	0.00	-111	0.00	6.89	-0.01	86.5	-0.50	14.00	0.00	200	10.30
SAMPLING INFORMATION:					QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:						
Sample ID: MW-19					Duplicate Collected?: N					Clarity:						
Sample Time: 1315					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: 12/13/16						
REVIEWER NAME & SIGNATURE:										DATE:						

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>												CONSULTING FIRM: <u>PARSONS</u>				
DATE: <u>12/13/16</u>												FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>				
WEATHER: _____																
MONITOR WELL #: <u>MW-20</u>				WELL DEPTH: <u>20.10</u> feet				SCREENED/OPEN INTERVAL: _____								
WELL PERMIT #: _____				WELL DIAMETER: <u>2</u> inches												
PID/FID READINGS:				PUMPING INFORMATION:								WATER QUALITY METER INFORMATION:				
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>18.00</u> feet below TOC								INSTRUMENT MAKE/MODEL: _____				
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>14.60</u> feet below TOC								SERIAL #: _____				
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>								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		
1405	X		6.60	-	7.810	-	-39.0	-	3.20	-	652.0	-	14.41	-	250	14.90
1410	X		6.47	-0.13	8.540	0.73	13.0	52.00	1.54	-1.66	54.0	-598.00	15.62	1.21	250	14.94
1415	X		6.42	-0.05	8.780	0.24	29.0	16.00	1.09	-0.45	24.5	-29.50	15.60	-0.02	250	14.94
1420	X		6.37	-0.05	9.170	0.39	47.0	18.00	0.83	-0.26	12.5	-12.00	15.80	0.20	250	14.94
1425	X		6.35	-0.02	9.310	0.14	55.0	8.00	0.71	-0.12	8.1	-4.40	15.78	-0.02	250	14.94
1430	X		6.33	-0.02	9.380	0.07	56.0	1.00	0.69	-0.02	7.2	-0.90	15.72	-0.06	250	14.94
1435	X		6.34	0.01	9.400	0.02	57.0	1.00	0.69	0.00	6.9	-0.30	15.68	-0.04	250	14.94
1440		X	6.33	-0.01	9.430	0.03	56.0	-1.00	0.68	-0.01	6.7	-0.20	15.71	0.03	250	14.94
SAMPLING INFORMATION:							QA/QC INFORMATION:					ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-20							Duplicate Collected?: N					Clarity:				
Sample Time: 1440							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: <u>Aaron Feshbach-Meriney</u>												DATE: <u>12/13/16</u>				
REVIEWER NAME & SIGNATURE: _____												DATE: _____				

LOW FLOW GROUND WATER SAMPLING - DATA SHEET

SHEET 1 OF 1

PROJECT SITE/LOCATION: <u>White Plains, NY</u>										CONSULTING FIRM: <u>PARSONS</u>						
DATE: <u>12/16/16</u>										FIELD PERSONNEL: <u>A. Feshbach-Meriney</u>						
WEATHER: _____																
MONITOR WELL #: <u>MW-101</u>				WELL DEPTH: <u>59.80</u> feet				SCREENED/OPEN INTERVAL: _____								
WELL PERMIT #: _____				WELL DIAMETER: <u>2</u> inches												
PID/FID READINGS:				PUMPING INFORMATION:						WATER QUALITY METER INFORMATION:						
BACKGROUND: _____ ppm				PUMP INTAKE DEPTH: <u>57.00</u> feet below TOC						INSTRUMENT MAKE/MODEL: _____						
BENEATH OUTER CAP: _____ ppm				DEPTH TO WATER BEFORE PUMP INSTALLATION: <u>25.45</u> feet below TOC						SERIAL #: _____						
BENEATH INNER CAP: _____ ppm				MAKE/MODEL OF PUMP: <u>Monsoon Pump</u>						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		
0720	X		5.87	-	4.230	-	-98.0	-	1.18	-	ERROR	-	15.54	-	200	26.10
0725	X		5.85	-0.02	4.190	-0.04	-101.0	-3.00	0.74	-0.44	746.0	-	15.62	0.08	210	26.10
0730	X		5.82	-0.03	4.090	-0.10	-105.0	-4.00	0.47	-0.27	139.0	-607.00	15.77	0.15	210	26.10
0735	X		5.82	0.00	4.040	-0.05	-107.0	-2.00	0.41	-0.06	33.6	-105.40	15.85	0.08	210	26.10
0740	X		5.81	-0.01	4.070	0.03	-108.0	-1.00	0.38	-0.03	10.5	-23.10	15.84	-0.01	210	26.10
0745	X		5.81	0.00	4.150	0.08	-107.0	1.00	0.37	-0.01	6.9	-3.60	15.80	-0.04	210	26.10
0750	X		5.80	-0.01	4.120	-0.03	-108.0	-1.00	0.38	0.01	6.6	-0.30	15.73	-0.07	210	26.10
0755		X	5.80	0.00	4.110	-0.01	-109.0	-1.00	0.36	-0.02	6.6	0.00	15.63	-0.10	210	26.10
SAMPLING INFORMATION:						QA/QC INFORMATION:						ADDITIONAL OBSERVATIONS/COMMENTS:				
Sample ID: MW-101						Duplicate Collected?: N						Clarity:				
Sample Time: 0755						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: 12/16/16				
REVIEWER NAME & SIGNATURE:												DATE:				

Attachment 2
Data Usability Summary Report

**DATA USABILITY SUMMARY REPORT
WHITE PLAINS**



CONSOLIDATED EDISON CO. OF NEW YORK, INC.

31-01 20th Avenue

Long Island City, NY 11105

Prepared by:

PARSONS

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Syracuse, New York 13212

Phone: (315) 451-9560

Fax: (315) 451-9570

FEBRUARY 2017

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LIST OF ATTACHMENTS

ATTACHMENT A VALIDATED LABORATORY DATA

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the Consolidated Edison White Plains site on December 13, 2016 through December 16, 2016. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

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

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

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 25 days for the project samples.

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

1.2 SAMPLING AND CHAIN-OF-CUSTODY

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

1.3 LABORATORY ANALYTICAL METHODS

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

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

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

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

1.3.1 Volatile Organic Analysis

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

1.3.2 Semivolatile Organic Analysis

Groundwater samples were analyzed for SVOCs using the USEPA SW-846 8270D analytical method. Certain reported results for the SVOC samples were qualified as estimated based upon sample holding times and laboratory control sample recoveries. Certain reported results for these samples were considered unusable and qualified "R" based upon laboratory control sample recoveries. The reported SVOC analytical results were 98.7% complete (i.e., usable) for the groundwater data. PARCCS requirements were met overall.

SECTION 2

DATA VALIDATION REPORT

2.1 GROUNDWATER

Data review has been completed for data packages generated by Chemtech containing analytical results from groundwater samples collected from the site. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. Analytical data were submitted in sample delivery group (SDGs) H6156.

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 initial and continuing calibrations as discussed below.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum mean relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 20% with the exception of bromomethane (30.7%RSD), cyclohexane (42%RSD), and 1,1,2,2-tetrachloroethane (21.6%RSD) in the initial calibration associated with samples MW-6, -7, -8, -11A, -11B, -11C, -14, -15, -18, -19, -20, -101, -1101, and TB-121616; and cyclohexane

(26.3%RSD), trans-1,3-dichloropropene (25.8%RSD), cis-1,3-dichloropropene (21.6%RSD), styrene (27.1%RSD), bromoform (20.3%RSD), 1,2,3-trichlorobenzene (22.6%RSD), and 1,2,4-trichlorobenzene (32.8%RSD) in the initial calibration associated with samples MW-9, -10, -12A, -12B, -13, -16, -17, and FB121616. Therefore, results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum percent difference (%D) within $\pm 20\%$ with the exception of bromomethane (-29.85%D), acetone (41.22%D), and cyclohexane (-27.47%D) in the continuing calibration associated with sample MW-11A; bromomethane (-32.08%D) and cyclohexane (-27.22%D) in the continuing calibration associated with samples MW-6, -7, -8, -11B, -11C, -14, -15, -18, -101, and -1101; styrene (23.85%D) in the continuing calibration associated with samples MW-19, -20, and TB-121616; and 1,2,4-trichlorobenzene (20.52%D) in the continuing calibration associated with samples MW-9, -10, -12A, -12B, -13, -16, -17, and FB121616. Therefore, results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Usability

All volatile sample results were considered usable following data validation.

Summary

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

2.1.2 Semivolatiles

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

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

- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of holding times, surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, and internal standard responses as discussed below.

Holding Times

Samples MW-6, -7, -19, and -20 exceeded the 7-day extraction holding time by one day. Therefore, results for these samples were considered estimated with positive results qualified “J” and nondetected results qualified “UJ”.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the high surrogate recoveries for nitrobenzene-d5 (QC limit 36-131%R) in samples MW-8 (156%R), MW-11C (555%R), and MW-14 (416%R). Validation qualification of these samples was not required.

MS/MSD Precision and Accuracy

All precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits during the spiked analyses of designated project samples with the exception of the high MS/MSD precision results for benzaldehyde (29%RPD; QC limit 0-20%RPD), 3-nitroaniline (35%RPD; QC limit 0-20%RPD), and 4-chloroaniline (28%RPD; QC limit 0-20%RPD) during the spiked analyses of sample MW-101. Validation qualification of the parent sample was not required for these compounds.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the LCS recoveries for 2-methylphenol (99%R; QC limit 32-94%R), 3+4-methylphenol (93%R; QC limit 24-91%R), 2-methylnaphthalene (122%R; QC limit 63-110%R), and carbazole (0%R; QC limit 65-115%R) associated with all 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. 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. However, nondetected carbazole results were considered unusable and qualified “R” for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample’s area count within -50% to +100% and retention times within ± 0.5 minutes of the standard) with the exception of the low IS responses for naphthalene-d8 in samples MW-11C, -14, and -16. These samples were diluted and reanalyzed yielding compliant internal standard responses. Therefore, results associated with this

IS from the reanalysis of these samples were reported in the validated laboratory data table in Attachment A.

Usability

All semivolatile sample results were considered usable following data validation with the exception of nondetected carbazole results based upon poor LCS recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, comparability, and sensitivity. The groundwater semivolatile data presented by Chemtech were 98.7% 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 2016 SDG: H6156		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW- 6 MW-6-20161213 H6156-10 CTECH H6156 WATER 12/13/2016 8:40 2/8/2017	MW- 7 MW-7-20161213 H6156-18 CTECH H6156 WATER 12/13/2016 10:35 2/8/2017	MW- 8 MW-8-20161216 H6156-05 CTECH H6156 WATER 12/16/2016 11:05 2/8/2017	MW-9 MW-9-20161214 H6156-15 CTECH H6156 WATER 12/14/2016 9:10 2/8/2017	MW-10 MW-10-20161214 H6156-20 CTECH H6156 WATER 12/14/2016 13:30 2/8/2017
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5 UJ	5 UJ	5 UJ	5 U	5 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-00-5	1,1,2-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-34-3	1,1-Dichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-35-4	1,1-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	ug/l	5 U	5 U	5 U	5 U	5 U
95-50-1	1,2-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
107-06-2	1,2-Dichloroethane	ug/l	5 U	5 U	5 U	1.2 J	5 U
78-87-5	1,2-Dichloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
541-73-1	1,3-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
106-46-7	1,4-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
591-78-6	2-Hexanone	ug/l	25 U	25 U	25 U	25 U	25 U
67-64-1	Acetone	ug/l	25 U	25 U	25 U	25 U	25 U
71-43-2	Benzene	ug/l	1.6 J	5 U	5 U	18	5 U
74-97-5	Bromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-27-4	Bromodichloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-25-2	Bromoform	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
74-83-9	Bromomethane	ug/l	5 UJ	5 UJ	5 UJ	5 U	5 U
75-15-0	Carbon Disulfide	ug/l	5 U	5 U	5 U	5 U	5 U
56-23-5	Carbon Tetrachloride	ug/l	5 U	5 U	5 U	5 U	5 U
108-90-7	Chlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
75-00-3	Chloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
67-66-3	Chloroform	ug/l	5 U	5 U	5 U	5 U	5 U
74-87-3	Chloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	5 U	5 U	5 U	1.1 J	5 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
110-82-7	Cyclohexane	ug/l	5 UJ	5 UJ	5 UJ	4.2 J	5 UJ
124-48-1	Dibromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-71-8	Dichlorodifluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
100-41-4	Ethylbenzene	ug/l	5 U	5 U	1.8 J	42.2	5 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	5 U	5 U	12.3	2.1 J	5 U
179601-23-1	m,p-Xylene	ug/l	10 U	10 U	2.7 J	120	10 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	25 U	25 U	25 U	25 U	25 U
108-10-1	Methyl Isobutyl Ketone	ug/l	25 U	25 U	25 U	25 U	25 U
108-87-2	Methylcyclohexane	ug/l	5 U	5 U	10.5	2.6 J	5 U
75-09-2	Methylene Chloride	ug/l	5 U	5 U	5 U	5 U	5 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	0.45 J	5 U	1.2 J	110	5 U
100-42-5	Styrene	ug/l	5 U	5 U	1.1 J	140	3.3 J
1634-04-4	Tert-Butyl Methyl Ether	ug/l	5 U	5 U	5 U	3.8 J	5 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	ug/l	0.47 J	5 U	2.3 J	430	0.53 J
156-60-5	Trans-1,2-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
79-01-6	Trichloroethylene (TCE)	ug/l	5 U	5 U	5 U	0.7 J	5 U
75-69-4	Trichlorofluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-01-4	Vinyl Chloride	ug/l	5 U	5 U	5 U	5 U	5 U

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CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
58-90-2	2,3,4,6-Tetrachlorophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
95-95-4	2,4,5-Trichlorophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
120-83-2	2,4-Dichlorophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
105-67-9	2,4-Dimethylphenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
51-28-5	2,4-Dinitrophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
121-14-2	2,4-Dinitrotoluene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
606-20-2	2,6-Dinitrotoluene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
91-58-7	2-Chloronaphthalene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
95-57-8	2-Chlorophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
91-57-6	2-Methylnaphthalene	ug/l	10 UJ	10.1 UJ	67.4 J	29.3 J+	10.1 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
88-74-4	2-Nitroaniline	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
88-75-5	2-Nitrophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
65794-96-9	3+4-Methylphenols	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
99-09-2	3-Nitroaniline	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
106-47-8	4-Chloroaniline	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
100-01-6	4-Nitroaniline	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
100-02-7	4-Nitrophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
83-32-9	Acenaphthene	ug/l	10 UJ	10.1 UJ	19.3	3.3 J	10.1 U
208-96-8	Acenaphthylene	ug/l	10 UJ	10.1 UJ	10 U	20.6	10.1 U
98-86-2	Acetophenone	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
120-12-7	Anthracene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
1912-24-9	Atrazine	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
100-52-7	Benzaldehyde	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
56-55-3	Benzo(A)Anthracene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
50-32-8	Benzo(A)Pyrene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
205-99-2	Benzo(B)Fluoranthene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
207-08-9	Benzo(K)Fluoranthene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10 UJ	10.1 UJ	7.7 J	10.4 U	10.1 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
105-60-2	Caprolactam	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
86-74-8	Carbazole	ug/l	R	R	R	R	R
218-01-9	Chrysene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
132-64-9	Dibenzofuran	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
84-66-2	Diethyl Phthalate	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
131-11-3	Dimethyl Phthalate	ug/l	4.5 J	6 J	10 U	10.4 U	2.1 J
84-74-2	Di-N-Butyl Phthalate	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
117-84-0	Di-N-Octylphthalate	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
206-44-0	Fluoranthene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
86-73-7	Fluorene	ug/l	10 UJ	10.1 UJ	6.1 J	10.4 U	10.1 U
118-74-1	Hexachlorobenzene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
87-68-3	Hexachlorobutadiene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
67-72-1	Hexachloroethane	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
78-59-1	Isophorone	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
91-20-3	Naphthalene	ug/l	10 UJ	10.1 UJ	1100	730	10.1 U
98-95-3	Nitrobenzene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
86-30-6	N-Nitrosodiphenylamine	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
87-86-5	Pentachlorophenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
85-01-8	Phenanthrene	ug/l	10 UJ	10.1 UJ	3.4 J	10.4 U	10.1 U
108-95-2	Phenol	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U
129-00-0	Pyrene	ug/l	10 UJ	10.1 UJ	10 U	10.4 U	10.1 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2016 SDG: H6156		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-11A MW-11A-20161214 H6156-22 CTECH H6156 WATER 12/14/2016 10:55 2/8/2017	MW-11B MW-11B-20161214 H6156-19 CTECH H6156 WATER 12/14/2016 12:05 2/8/2017	MW-11C MW-11C-20161216 H6156-08 CTECH H6156 WATER 12/16/2016 11:25 2/8/2017	MW-12A MW-12A-20161214 H6156-16 CTECH H6156 WATER 12/14/2016 10:40 2/8/2017	MW-12B MW-12B-20161214 H6156-11 CTECH H6156 WATER 12/14/2016 11:45 2/8/2017
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5 UJ	5 UJ	5 UJ	5 U	5 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-00-5	1,1,2-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-34-3	1,1-Dichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-35-4	1,1-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	ug/l	5 U	5 U	5 U	5 U	5 U
95-50-1	1,2-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
107-06-2	1,2-Dichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
78-87-5	1,2-Dichloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
541-73-1	1,3-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
106-46-7	1,4-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
591-78-6	2-Hexanone	ug/l	25 U	25 U	25 U	25 U	25 U
67-64-1	Acetone	ug/l	25 UJ	25 U	25 U	25 U	25 U
71-43-2	Benzene	ug/l	5 U	5 U	5 U	5 U	5 U
74-97-5	Bromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-27-4	Bromodichloromethane	ug/l	5 U	5 U	5 U	0.64 J	5 U
75-25-2	Bromoform	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
74-83-9	Bromomethane	ug/l	5 UJ	5 UJ	5 UJ	5 U	5 U
75-15-0	Carbon Disulfide	ug/l	5 U	5 U	5 U	5 U	5 U
56-23-5	Carbon Tetrachloride	ug/l	5 U	5 U	5 U	5 U	5 U
108-90-7	Chlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
75-00-3	Chloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
67-66-3	Chloroform	ug/l	5 U	5 U	5 U	8.6	5 U
74-87-3	Chloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
110-82-7	Cyclohexane	ug/l	5 UJ	5 UJ	68.3 J	5 UJ	5 UJ
124-48-1	Dibromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-71-8	Dichlorodifluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
100-41-4	Ethylbenzene	ug/l	5 U	5 U	260	0.21 J	5 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	5 U	5 U	20.2	5 U	5 U
179601-23-1	m,p-Xylene	ug/l	10 U	10 U	2100	10 U	10 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	25 U	25 U	25 U	25 U	25 U
108-10-1	Methyl Isobutyl Ketone	ug/l	25 U	25 U	25 U	25 U	25 U
108-87-2	Methylcyclohexane	ug/l	5 U	5 U	110	5 U	5 U
75-09-2	Methylene Chloride	ug/l	5 U	5 U	5 U	5 U	5 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	5 U	5 U	1200	5 U	5 U
100-42-5	Styrene	ug/l	5 U	5 U	520	3.5 J	5 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	5 U	5 U	5 U	5 U	5 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	5 U	5 U	4.4 J	5 U	5 U
108-88-3	Toluene	ug/l	5 U	5 U	2.7 J	1.3 J	5 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	5 U	5 U	5 U	5 UJ	5 UJ
79-01-6	Trichloroethylene (TCE)	ug/l	5 U	5 U	6.3	5 U	5 U
75-69-4	Trichlorofluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-01-4	Vinyl Chloride	ug/l	5 U	5 U	5 U	5 U	5 U

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CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
58-90-2	2,3,4,6-Tetrachlorophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
95-95-4	2,4,5-Trichlorophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
120-83-2	2,4-Dichlorophenol	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
105-67-9	2,4-Dimethylphenol	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
51-28-5	2,4-Dinitrophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
121-14-2	2,4-Dinitrotoluene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
606-20-2	2,6-Dinitrotoluene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
91-58-7	2-Chloronaphthalene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
95-57-8	2-Chlorophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
91-57-6	2-Methylnaphthalene	ug/l	10.3 U	10 U	1700 J	10.2 U	10.2 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
88-74-4	2-Nitroaniline	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
88-75-5	2-Nitrophenol	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
65794-96-9	3+4-Methylphenols	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
99-09-2	3-Nitroaniline	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
106-47-8	4-Chloroaniline	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
100-01-6	4-Nitroaniline	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
100-02-7	4-Nitrophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
83-32-9	Acenaphthene	ug/l	10.3 U	10 U	18.4	10.2 U	10.2 U
208-96-8	Acenaphthylene	ug/l	10.3 U	10 U	68.6	10.2 U	10.2 U
98-86-2	Acetophenone	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
120-12-7	Anthracene	ug/l	10.3 U	10 U	4.4 J	10.2 U	10.2 U
1912-24-9	Atrazine	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
100-52-7	Benzaldehyde	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
56-55-3	Benzo(A)Anthracene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
50-32-8	Benzo(A)Pyrene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
205-99-2	Benzo(B)Fluoranthene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
207-08-9	Benzo(K)Fluoranthene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10.3 U	10 U	57.9	10.2 U	10.2 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
105-60-2	Caprolactam	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
86-74-8	Carbazole	ug/l	R	R	7.7 J	R	R
218-01-9	Chrysene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
132-64-9	Dibenzofuran	ug/l	10.3 U	10 U	4.5 J	10.2 U	10.2 U
84-66-2	Diethyl Phthalate	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
131-11-3	Dimethyl Phthalate	ug/l	10.3 U	10 U	10.1 U	10.2 U	2.7 J
84-74-2	Di-N-Butyl Phthalate	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
117-84-0	Di-N-Octylphthalate	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
206-44-0	Fluoranthene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
86-73-7	Fluorene	ug/l	10.3 U	10 U	51.2	10.2 U	10.2 U
118-74-1	Hexachlorobenzene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
87-68-3	Hexachlorobutadiene	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
67-72-1	Hexachloroethane	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
78-59-1	Isophorone	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
91-20-3	Naphthalene	ug/l	10.3 U	10 U	15200	10.2 U	10.2 U
98-95-3	Nitrobenzene	ug/l	10.3 U	10 U	5100 U	10.2 U	10.2 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
86-30-6	N-Nitrosodiphenylamine	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
87-86-5	Pentachlorophenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
85-01-8	Phenanthrene	ug/l	10.3 U	10 U	42	10.2 U	10.2 U
108-95-2	Phenol	ug/l	10.3 U	10 U	10.1 U	10.2 U	10.2 U
129-00-0	Pyrene	ug/l	10.3 U	10 U	3.4 J	10.2 U	10.2 U

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CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5 U	5 UJ	5 UJ	5 U	5 U
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-00-5	1,1,2-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-34-3	1,1-Dichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-35-4	1,1-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	5 UJ	5 U	5 U	5 UJ	5 UJ
120-82-1	1,2,4-Trichlorobenzene	ug/l	5 UJ	5 U	5 U	5 UJ	5 UJ
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	ug/l	5 U	5 U	5 U	5 U	5 U
95-50-1	1,2-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
107-06-2	1,2-Dichloroethane	ug/l	2.4 J	5 U	5.9	5 U	5 U
78-87-5	1,2-Dichloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
541-73-1	1,3-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
106-46-7	1,4-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
591-78-6	2-Hexanone	ug/l	25 U	25 U	25 U	25 U	25 U
67-64-1	Acetone	ug/l	25 U	25 U	25 U	25 U	25 U
71-43-2	Benzene	ug/l	5 U	26.4	8.2	540	5 U
74-97-5	Bromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-27-4	Bromodichloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-25-2	Bromoform	ug/l	5 UJ	5 U	5 U	5 UJ	5 UJ
74-83-9	Bromomethane	ug/l	5 U	5 UJ	5 UJ	5 U	5 U
75-15-0	Carbon Disulfide	ug/l	5 U	5 U	5 U	5 U	5 U
56-23-5	Carbon Tetrachloride	ug/l	5 U	5 U	5 U	5 U	5 U
108-90-7	Chlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
75-00-3	Chloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
67-66-3	Chloroform	ug/l	5 U	5 U	5 U	5 U	5 U
74-87-3	Chloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	5 UJ	5 U	5 U	5 UJ	5 UJ
110-82-7	Cyclohexane	ug/l	5 UJ	35.3 J	0.94 J	29.3 J	5 UJ
124-48-1	Dibromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-71-8	Dichlorodifluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
100-41-4	Ethylbenzene	ug/l	5 U	430	13.6	450	5 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	5 U	6.4	0.59 J	13.3	5 U
179601-23-1	m,p-Xylene	ug/l	10 U	1500	39.9	1700	10 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	25 U	25 U	25 U	25 U	25 U
108-10-1	Methyl Isobutyl Ketone	ug/l	25 U	25 U	25 U	25 U	25 U
108-87-2	Methylcyclohexane	ug/l	5 U	51	1.5 J	40	5 U
75-09-2	Methylene Chloride	ug/l	5 U	5 U	5 U	5 U	5 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	5 U	1200	38.5	1600	5 U
100-42-5	Styrene	ug/l	5 U	880	62.1	1300	3.2 J
1634-04-4	Tert-Butyl Methyl Ether	ug/l	220	5 U	180	5 U	5 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	5 U	5 U	5 U	1.6 J	5 U
108-88-3	Toluene	ug/l	5 U	2500	160	2600	5 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	5 UJ	5 U	5 U	5 UJ	5 UJ
79-01-6	Trichloroethylene (TCE)	ug/l	5 U	5 U	5 U	2.4 J	5 U
75-69-4	Trichlorofluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-01-4	Vinyl Chloride	ug/l	5 U	5 U	5 U	5 U	5 U

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CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
58-90-2	2,3,4,6-Tetrachlorophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
95-95-4	2,4,5-Trichlorophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
120-83-2	2,4-Dichlorophenol	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
105-67-9	2,4-Dimethylphenol	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
51-28-5	2,4-Dinitrophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
121-14-2	2,4-Dinitrotoluene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
606-20-2	2,6-Dinitrotoluene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
91-58-7	2-Chloronaphthalene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
95-57-8	2-Chlorophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
91-57-6	2-Methylnaphthalene	ug/l	10.3 U	840 J	10.2 U	820 J	10.2 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
88-74-4	2-Nitroaniline	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
88-75-5	2-Nitrophenol	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
65794-96-9	3+4-Methylphenols	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
99-09-2	3-Nitroaniline	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
106-47-8	4-Chloroaniline	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
100-01-6	4-Nitroaniline	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
100-02-7	4-Nitrophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
83-32-9	Acenaphthene	ug/l	10.3 U	14.9	10.2 U	12.5	10.2 U
208-96-8	Acenaphthylene	ug/l	10.3 U	170 J	7.1 J	63.4	10.2 U
98-86-2	Acetophenone	ug/l	10.3 U	2600 U	10.2 U	63.5 J+	10.2 U
120-12-7	Anthracene	ug/l	10.3 U	6 J	10.2 U	2.6 J	10.2 U
1912-24-9	Atrazine	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
100-52-7	Benzaldehyde	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
56-55-3	Benzo(A)Anthracene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
50-32-8	Benzo(A)Pyrene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
205-99-2	Benzo(B)Fluoranthene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
207-08-9	Benzo(K)Fluoranthene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10.3 U	49.3	10.2 U	44.8	10.2 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
105-60-2	Caprolactam	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
86-74-8	Carbazole	ug/l	R	4.2 J	R	4.3 J	R
218-01-9	Chrysene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
132-64-9	Dibenzofuran	ug/l	10.3 U	3.6 J	10.2 U	2.8 J	10.2 U
84-66-2	Diethyl Phthalate	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
131-11-3	Dimethyl Phthalate	ug/l	10.3 U	2.4 J	10.2 U	2.1 J	10.2 U
84-74-2	Di-N-Butyl Phthalate	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
117-84-0	Di-N-Octylphthalate	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
206-44-0	Fluoranthene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
86-73-7	Fluorene	ug/l	10.3 U	43.3	10.2 U	10.8	10.2 U
118-74-1	Hexachlorobenzene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
87-68-3	Hexachlorobutadiene	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
67-72-1	Hexachloroethane	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
78-59-1	Isophorone	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
91-20-3	Naphthalene	ug/l	10.3 U	8100	160	9800	10.2 U
98-95-3	Nitrobenzene	ug/l	10.3 U	2600 U	10.2 U	2600 U	10.2 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
86-30-6	N-Nitrosodiphenylamine	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
87-86-5	Pentachlorophenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
85-01-8	Phenanthrene	ug/l	10.3 U	42.7	10.2 U	30.2	10.2 U
108-95-2	Phenol	ug/l	10.3 U	10.2 U	10.2 U	10.2 U	10.2 U
129-00-0	Pyrene	ug/l	10.3 U	2.7 J	10.2 U	10.2 U	10.2 U

							Dup of MW-101-20161216
Con Ed - White Plains Validated Groundwater Analytical Data December 2016 SDG: H6156		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18-20161216 H6156-09 CTECH H6156 WATER 12/16/2016 6:35 2/8/2017	MW-19 MW-19-20161213 H6156-17 CTECH H6156 WATER 12/13/2016 13:15 2/8/2017	MW-20 MW-20-20161213 H6156-14 CTECH H6156 WATER 12/13/2016 14:40 2/8/2017	MW-101 MW-101-20161216 H6156-01 CTECH H6156 WATER 12/16/2016 7:55 2/8/2017	MW-101 MW-1101-20161216 H6156-02 CTECH H6156 WATER 12/16/2016 7:55 2/8/2017
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
71-55-6	1,1,1-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5 U	5 U	5 U	5 U	5 U
79-00-5	1,1,2-Trichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-34-3	1,1-Dichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-35-4	1,1-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
106-93-4	1,2-Dibromoethane	ug/l	5 U	5 U	5 U	5 U	5 U
95-50-1	1,2-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
107-06-2	1,2-Dichloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
78-87-5	1,2-Dichloropropane	ug/l	5 U	5 U	5 U	5 U	5 U
541-73-1	1,3-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
106-46-7	1,4-Dichlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
591-78-6	2-Hexanone	ug/l	25 U	25 U	25 U	25 U	25 U
67-64-1	Acetone	ug/l	25 U	25 U	25 U	25 U	25 U
71-43-2	Benzene	ug/l	32.4	5 U	5 U	2.1 J	2 J
74-97-5	Bromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-27-4	Bromodichloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-25-2	Bromoform	ug/l	5 U	5 U	5 U	5 U	5 U
74-83-9	Bromomethane	ug/l	5 UJ	5 UJ	5 UJ	5 UJ	5 UJ
75-15-0	Carbon Disulfide	ug/l	5 U	5 U	5 U	5 U	5 U
56-23-5	Carbon Tetrachloride	ug/l	5 U	5 U	5 U	5 U	5 U
108-90-7	Chlorobenzene	ug/l	5 U	5 U	5 U	5 U	5 U
75-00-3	Chloroethane	ug/l	5 U	5 U	5 U	5 U	5 U
67-66-3	Chloroform	ug/l	5 U	5 U	5 U	5 U	5 U
74-87-3	Chloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	5 U	5 U	5 U	5 U	5 U
110-82-7	Cyclohexane	ug/l	3.5 J	5 UJ	5 UJ	2.7 J	2.7 J
124-48-1	Dibromochloromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-71-8	Dichlorodifluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
100-41-4	Ethylbenzene	ug/l	2.2 J	5 U	5 U	5 U	5 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	5.6	5 U	5 U	1.1 J	1 J
179601-23-1	m,p-Xylene	ug/l	30.6	10 U	10 U	10 U	10 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U	5 U	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	25 U	25 U	25 U	25 U	25 U
108-10-1	Methyl Isobutyl Ketone	ug/l	25 U	25 U	25 U	25 U	25 U
108-87-2	Methylcyclohexane	ug/l	2.6 J	5 U	5 U	1.2 J	1.2 J
75-09-2	Methylene Chloride	ug/l	5 U	5 U	5 U	5 U	5 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	72.1	5 U	5 U	5 U	5 U
100-42-5	Styrene	ug/l	5 U	5 UJ	5 UJ	5 U	5 U
1634-04-4	Tert-Butyl Methyl Ether	ug/l	4.7 J	5 U	5 U	5 U	5 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	5 U	5 U	5 U	5 U	5 U
108-88-3	Toluene	ug/l	11.5	5 U	5 U	5 U	5 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	5 U	5 U	5 U	5 U	5 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	5 U	5 U	5 U	5 U	5 U
79-01-6	Trichloroethylene (TCE)	ug/l	1.7 J	5 U	5 U	5 U	5 U
75-69-4	Trichlorofluoromethane	ug/l	5 U	5 U	5 U	5 U	5 U
75-01-4	Vinyl Chloride	ug/l	5 U	5 U	5 U	5 U	5 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2016 SDG: H6156		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18-20161216 H6156-09 CTECH H6156 WATER 12/16/2016 6:35 2/8/2017	MW-19 MW-19-20161213 H6156-17 CTECH H6156 WATER 12/13/2016 13:15 2/8/2017	MW-20 MW-20-20161213 H6156-14 CTECH H6156 WATER 12/13/2016 14:40 2/8/2017	MW-101 MW-101-20161216 H6156-01 CTECH H6156 WATER 12/16/2016 7:55 2/8/2017	Dup of MW-101-20161216 MW-101 MW-1101-20161216 H6156-02 CTECH H6156 WATER 12/16/2016 7:55 2/8/2017
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
58-90-2	2,3,4,6-Tetrachlorophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
95-95-4	2,4,5-Trichlorophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
88-06-2	2,4,6-Trichlorophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
120-83-2	2,4-Dichlorophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
105-67-9	2,4-Dimethylphenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
51-28-5	2,4-Dinitrophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
121-14-2	2,4-Dinitrotoluene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
606-20-2	2,6-Dinitrotoluene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
91-58-7	2-Chloronaphthalene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
95-57-8	2-Chlorophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
91-57-6	2-Methylnaphthalene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
88-74-4	2-Nitroaniline	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
88-75-5	2-Nitrophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
65794-96-9	3+4-Methylphenols	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
91-94-1	3,3'-Dichlorobenzidine	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
99-09-2	3-Nitroaniline	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
59-50-7	4-Chloro-3-Methylphenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
106-47-8	4-Chloroaniline	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
100-01-6	4-Nitroaniline	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
100-02-7	4-Nitrophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
83-32-9	Acenaphthene	ug/l	4.5 J	10.3 UJ	10.1 UJ	12.1	11.7
208-96-8	Acenaphthylene	ug/l	11.9	10.3 UJ	10.1 UJ	10.2 U	10.2 U
98-86-2	Acetophenone	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
120-12-7	Anthracene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
1912-24-9	Atrazine	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
100-52-7	Benzaldehyde	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
56-55-3	Benzo(A)Anthracene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
50-32-8	Benzo(A)Pyrene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
205-99-2	Benzo(B)Fluoranthene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
191-24-2	Benzo(G,H,I)Perylene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
207-08-9	Benzo(K)Fluoranthene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
85-68-7	Benzyl Butyl Phthalate	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
92-52-4	Biphenyl (Diphenyl)	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
105-60-2	Caprolactam	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
86-74-8	Carbazole	ug/l	R	R	R	R	R
218-01-9	Chrysene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
53-70-3	Dibenz(A,H)Anthracene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
132-64-9	Dibenzofuran	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
84-66-2	Diethyl Phthalate	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
131-11-3	Dimethyl Phthalate	ug/l	10.1 U	4.7 J	5.4 J	3 J	10.2 U
84-74-2	Di-N-Butyl Phthalate	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
117-84-0	Di-N-Octylphthalate	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
206-44-0	Fluoranthene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
86-73-7	Fluorene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
118-74-1	Hexachlorobenzene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
87-68-3	Hexachlorobutadiene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
77-47-4	Hexachlorocyclopentadiene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
67-72-1	Hexachloroethane	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
78-59-1	Isophorone	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
91-20-3	Naphthalene	ug/l	130	10.3 UJ	10.1 UJ	10.2 U	10.2 U
98-95-3	Nitrobenzene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
86-30-6	N-Nitrosodiphenylamine	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
87-86-5	Pentachlorophenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
85-01-8	Phenanthrene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
108-95-2	Phenol	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U
129-00-0	Pyrene	ug/l	10.1 U	10.3 UJ	10.1 UJ	10.2 U	10.2 U

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CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
71-55-6	1,1,1-Trichloroethane	ug/l	5 U	5 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/l	5 U	5 UJ
76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/l	5 U	5 U
79-00-5	1,1,2-Trichloroethane	ug/l	5 U	5 U
75-34-3	1,1-Dichloroethane	ug/l	5 U	5 U
75-35-4	1,1-Dichloroethene	ug/l	5 U	5 U
87-61-6	1,2,3-Trichlorobenzene	ug/l	5 UJ	5 U
120-82-1	1,2,4-Trichlorobenzene	ug/l	5 UJ	5 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/l	5 U	5 U
106-93-4	1,2-Dibromoethane	ug/l	5 U	5 U
95-50-1	1,2-Dichlorobenzene	ug/l	5 U	5 U
107-06-2	1,2-Dichloroethane	ug/l	5 U	5 U
78-87-5	1,2-Dichloropropane	ug/l	5 U	5 U
541-73-1	1,3-Dichlorobenzene	ug/l	5 U	5 U
106-46-7	1,4-Dichlorobenzene	ug/l	5 U	5 U
591-78-6	2-Hexanone	ug/l	25 U	25 U
67-64-1	Acetone	ug/l	25 U	25 U
71-43-2	Benzene	ug/l	5 U	5 U
74-97-5	Bromochloromethane	ug/l	5 U	5 U
75-27-4	Bromodichloromethane	ug/l	5 U	5 U
75-25-2	Bromoform	ug/l	5 UJ	5 U
74-83-9	Bromomethane	ug/l	5 U	5 UJ
75-15-0	Carbon Disulfide	ug/l	5 U	5 U
56-23-5	Carbon Tetrachloride	ug/l	5 U	5 U
108-90-7	Chlorobenzene	ug/l	5 U	5 U
75-00-3	Chloroethane	ug/l	5 U	5 U
67-66-3	Chloroform	ug/l	5 U	5 U
74-87-3	Chloromethane	ug/l	5 U	5 U
156-59-2	Cis-1,2-Dichloroethylene	ug/l	5 U	5 U
10061-01-5	Cis-1,3-Dichloropropene	ug/l	5 UJ	5 U
110-82-7	Cyclohexane	ug/l	5 UJ	5 UJ
124-48-1	Dibromochloromethane	ug/l	5 U	5 U
75-71-8	Dichlorodifluoromethane	ug/l	5 U	5 U
100-41-4	Ethylbenzene	ug/l	5 U	5 U
98-82-8	Isopropylbenzene (Cumene)	ug/l	5 U	5 U
179601-23-1	m,p-Xylene	ug/l	10 U	10 U
79-20-9	Methyl Acetate	ug/l	5 U	5 U
78-93-3	Methyl Ethyl Ketone (2-Butanone)	ug/l	25 U	25 U
108-10-1	Methyl Isobutyl Ketone	ug/l	25 U	25 U
108-87-2	Methylcyclohexane	ug/l	5 U	5 U
75-09-2	Methylene Chloride	ug/l	5 U	5 U
95-47-6	O-Xylene (1,2-Dimethylbenzene)	ug/l	5 U	5 U
100-42-5	Styrene	ug/l	5 U	5 UJ
1634-04-4	Tert-Butyl Methyl Ether	ug/l	5 U	5 U
127-18-4	Tetrachloroethylene (PCE)	ug/l	5 U	5 U
108-88-3	Toluene	ug/l	5 U	5 U
156-60-5	Trans-1,2-Dichloroethene	ug/l	5 U	5 U
10061-02-6	Trans-1,3-Dichloropropene	ug/l	5 UJ	5 U
79-01-6	Trichloroethylene (TCE)	ug/l	5 U	5 U
75-69-4	Trichlorofluoromethane	ug/l	5 U	5 U
75-01-4	Vinyl Chloride	ug/l	5 U	5 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2016 SDG: H6156		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	FIELDQC FB121616-20161216 H6156-23 CTECH H6156 WATER 12/16/2016 13:00 2/8/2017	FIELDQC TB-121616-20161212 H6156-26 CTECH H6156 WATER 12/12/2016 8:00 2/8/2017
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
95-94-3	1,2,4,5-Tetrachlorobenzene	ug/l	10.1 U	
123-91-1	1,4-Dioxane (P-Dioxane)	ug/l	10.1 U	
58-90-2	2,3,4,6-Tetrachlorophenol	ug/l	10.1 U	
95-95-4	2,4,5-Trichlorophenol	ug/l	10.1 U	
88-06-2	2,4,6-Trichlorophenol	ug/l	10.1 U	
120-83-2	2,4-Dichlorophenol	ug/l	10.1 U	
105-67-9	2,4-Dimethylphenol	ug/l	10.1 U	
51-28-5	2,4-Dinitrophenol	ug/l	10.1 U	
121-14-2	2,4-Dinitrotoluene	ug/l	10.1 U	
606-20-2	2,6-Dinitrotoluene	ug/l	10.1 U	
91-58-7	2-Chloronaphthalene	ug/l	10.1 U	
95-57-8	2-Chlorophenol	ug/l	10.1 U	
91-57-6	2-Methylnaphthalene	ug/l	10.1 U	
95-48-7	2-Methylphenol (O-Cresol)	ug/l	10.1 U	
88-74-4	2-Nitroaniline	ug/l	10.1 U	
88-75-5	2-Nitrophenol	ug/l	10.1 U	
65794-96-9	3+4-Methylphenols	ug/l	10.1 U	
91-94-1	3,3'-Dichlorobenzidine	ug/l	10.1 U	
99-09-2	3-Nitroaniline	ug/l	10.1 U	
534-52-1	4,6-Dinitro-2-Methylphenol	ug/l	10.1 U	
101-55-3	4-Bromophenyl Phenyl Ether	ug/l	10.1 U	
59-50-7	4-Chloro-3-Methylphenol	ug/l	10.1 U	
106-47-8	4-Chloroaniline	ug/l	10.1 U	
7005-72-3	4-Chlorophenyl Phenyl Ether	ug/l	10.1 U	
100-01-6	4-Nitroaniline	ug/l	10.1 U	
100-02-7	4-Nitrophenol	ug/l	10.1 U	
83-32-9	Acenaphthene	ug/l	10.1 U	
208-96-8	Acenaphthylene	ug/l	10.1 U	
98-86-2	Acetophenone	ug/l	10.1 U	
120-12-7	Anthracene	ug/l	10.1 U	
1912-24-9	Atrazine	ug/l	10.1 U	
100-52-7	Benzaldehyde	ug/l	10.1 U	
56-55-3	Benzo(A)Anthracene	ug/l	10.1 U	
50-32-8	Benzo(A)Pyrene	ug/l	10.1 U	
205-99-2	Benzo(B)Fluoranthene	ug/l	10.1 U	
191-24-2	Benzo(G,H,I)Perylene	ug/l	10.1 U	
207-08-9	Benzo(K)Fluoranthene	ug/l	10.1 U	
85-68-7	Benzyl Butyl Phthalate	ug/l	10.1 U	
92-52-4	Biphenyl (Diphenyl)	ug/l	10.1 U	
111-91-1	Bis(2-Chloroethoxy) Methane	ug/l	10.1 U	
111-44-4	Bis(2-Chloroethyl) Ether	ug/l	10.1 U	
108-60-1	Bis(2-Chloroisopropyl) Ether	ug/l	10.1 U	
117-81-7	Bis(2-Ethylhexyl) Phthalate	ug/l	10.1 U	
105-60-2	Caprolactam	ug/l	10.1 U	
86-74-8	Carbazole	ug/l	R	
218-01-9	Chrysene	ug/l	10.1 U	
53-70-3	Dibenz(A,H)Anthracene	ug/l	10.1 U	
132-64-9	Dibenzofuran	ug/l	10.1 U	
84-66-2	Diethyl Phthalate	ug/l	10.1 U	
131-11-3	Dimethyl Phthalate	ug/l	10.1 U	
84-74-2	Di-N-Butyl Phthalate	ug/l	10.1 U	
117-84-0	Di-N-Octylphthalate	ug/l	10.1 U	
206-44-0	Fluoranthene	ug/l	10.1 U	
86-73-7	Fluorene	ug/l	10.1 U	
118-74-1	Hexachlorobenzene	ug/l	10.1 U	
87-68-3	Hexachlorobutadiene	ug/l	10.1 U	
77-47-4	Hexachlorocyclopentadiene	ug/l	10.1 U	
67-72-1	Hexachloroethane	ug/l	10.1 U	
193-39-5	Indeno(1,2,3-C,D)Pyrene	ug/l	10.1 U	
78-59-1	Isophorone	ug/l	10.1 U	
91-20-3	Naphthalene	ug/l	10.1 U	
98-95-3	Nitrobenzene	ug/l	10.1 U	
621-64-7	N-Nitrosodi-N-Propylamine	ug/l	10.1 U	
86-30-6	N-Nitrosodiphenylamine	ug/l	10.1 U	
87-86-5	Pentachlorophenol	ug/l	10.1 U	
85-01-8	Phenanthrene	ug/l	10.1 U	
108-95-2	Phenol	ug/l	10.1 U	
129-00-0	Pyrene	ug/l	10.1 U	