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March 13, 2015

Mr. Gardiner W. Cross
New York State Department of Environmental Conservation
625 Broadway
Remedial Bureau C, 11th Floor
Albany, New York 12233-7014

Subject: December 2014 Groundwater Monitoring Report
White Plains Former Manufactured Gas Plant Site
White Plains, New York
NYSDEC Site #V00438-3

Dear Mr. Cross:

This Groundwater Monitoring Report (GMR) summarizes the December 2014 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 Plan is included as Figure 1 and a Monitoring Well Location Plan is included as Figure 2.

This GMR documents the semi-annual groundwater sampling activities performed from December 15 through 18, 2014. Descriptions of groundwater sampling activities and discussions of sampling results are provided below.

SEMI-ANNUAL GROUNDWATER SAMPLING

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

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

monsoon pump and dedicated tubing. Water quality parameter measurements and observations recorded during sampling are documented on the Groundwater Sampling Records provided in Attachment 1.

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

Groundwater Level Measurements

Prior to sampling activities, groundwater levels at the Site's twenty (20) monitoring well locations were gauged on December 15, 2014. 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 four (4) piezometers and seven (7) recovery wells were also gauged during this event. Groundwater was encountered in the monitoring wells at elevations ranging from 182.93 (MW-6) to 176.79 (MW-18) feet above Mean Sea Level (MSL). The groundwater levels and corresponding elevations are summarized in Tables 1A and 1B and were used to produce a Site groundwater contour map (Figure 5). The groundwater monitoring data indicates that the groundwater flow on the Site remains consistent with past gauging events and flows from northeast to southwest.

Waste Management

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

December 2014 Groundwater Sampling - Field Observations

NAPL was observed at one location during the December 2014 groundwater sampling event. At MW-12C, 1.2 feet of NAPL was measured with an oil/water interface probe (see Table 1B). Slight hydrocarbon odors were noted during the purging of MW-8, MW-9, and MW-13. Strong hydrocarbon odors were noted during the purging of MW-11C and MW-14. Organic odors were noted during the purging of monitoring well MW-16. No sheens were observed during purging of any wells sampled during this event. Purge water observations recorded during sampling are documented on the Groundwater Sampling Records provided in Attachment 1.

ANALYTICAL RESULTS

Laboratory analytical results for constituents detected in the groundwater samples are summarized in Table 2. For evaluation purposes, analytical results were compared with Ambient Water Quality Standards and Guidance Values (AWQSGVs) for Class GA groundwater contained in New York State Department of Environmental Conservation (NYSDEC) Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) (NYSDEC, 1998). These standards and guidance values are protective of groundwater quality assuming that groundwater is used as a source of drinking water. That assumption is not applicable to the Site because groundwater is not anticipated to be used as a source of drinking water. Thus, the use of Class GA standards and guidance values for comparison to Site groundwater is conservative. Figure 3 presents a summary of total BTEX and total VOC concentrations and Figure 4 presents a summary of total PAH and total SVOC concentrations detected in groundwater samples collected during the December 2014 semi-annual groundwater sampling event. Analytical results from the groundwater investigation are summarized below.

VOCs

A total of eleven (11) VOCs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, nine (9) VOCs (isopropylbenzene, styrene, tert-butyl methyl ether, benzene, ethylbenzene, toluene, o-xylene, m/p-xylene, and 1,2-dichloroethane) were detected at concentrations exceeding their AWQSGVs. Isopropylbenzene was detected above its AWQSGV in four (4) monitoring wells (MW-8, MW-11C, MW-14, and MW-16). Styrene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-11C, MW-14, MW-15, and MW-16). Tert-butyl methyl ether was detected above its AWQSGV in two (2) monitoring wells (MW-13 and MW-15). Benzene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-15, MW-16, MW-18, and MW-101). Ethylbenzene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-11C, MW-14, MW-15, and MW-16). Toluene was detected above its AWQSGV in four (4) monitoring wells (MW-9, MW-14, MW-15, and MW-16). O-xylene was detected above its AWQSGV in six (6) monitoring wells (MW-9, MW-11C, MW-14, MW-15, MW-16, and MW-18). M/P-xylene was detected above its AWQSGV in six (6) monitoring wells (MW-8, MW-9, MW-11C, MW-14, MW-15, and MW-16). 1,2-dichloroethane was detected above its AWQSGV in three (3) monitoring wells (MW-9, MW-13, and MW-15). 1,2-dichloroethane is a chlorinated Volatile Organic Compound (CVOC). CVOCs are not MGP-related compounds and are not associated with operations of the former manufactured gas plant site.

No VOCs were detected above AWQSGVs in ten (10) monitoring wells (MW-6, MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20). Groundwater VOC analytical results are summarized in Table 2 and on Figure 3.

SVOCs

A total of four (4) SVOCs and eight (8) PAHs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, two (2) SVOCs (biphenyl and phenol) and two (2) PAHs (acenaphthene and naphthalene) were detected at concentrations exceeding their AWQSGVs. Biphenyl was detected above its

AWQSGV in three (3) monitoring wells (MW-11C, MW-14, and MW-16). Phenol and acenaphthene were detected above their AWQSGVs in one (1) monitoring well (MW-101). Naphthalene was detected above its AWQSGV in seven (7) monitoring wells (MW-8, MW-11C, MW-14, MW-15, MW-16, MW-18 and MW-101).

No SVOCs or PAHs were detected above AWQSGVs in twelve (12) monitoring wells (MW-6, MW-7, MW-9, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-19, and MW-20). Groundwater SVOC analytical results are summarized in Table 2 and on Figure 4.

DATA VALIDATION AND REPORTING

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

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

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

CONCLUSIONS AND RECOMMENDATIONS

The results of the groundwater sampling activities conducted at the Site in December 2014 generally indicate consistency with data obtained during previous groundwater sampling events.

Total BTEX concentrations are within the range previously detected in each monitoring well with the exception of MW-10, MW-13, and MW-101. BTEX concentrations were detected in MW-10 and MW-13 for the first time. However, the concentrations were low and did not exceed the AWQSGVs. BTEX concentrations in MW-101 exhibited historical lows. BTEX concentrations were at non-detect levels in monitoring wells MW-6, MW-7, MW-11A, MW-11B, MW-12A, MW-12B, MW-17, MW-19, and MW-20 during the December 2014 groundwater sampling event.

Total PAH and SVOC concentrations are within the range previously detected in each monitoring well with the exception of MW-101. Total SVOC and PAH concentrations in MW-101 exhibited historical lows. Total SVOC concentrations were at non-detect levels at 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 during the December 2014 groundwater sampling event.

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

Based on the results of this groundwater sampling event, the layer of clean groundwater beneath the St. John's Church property portion of the Site continues to be present. The upper aquifer analytical results from the December 2014 groundwater sampling event is supportive of the selected remedy for the St. John's Church property portion of the Site as outlined in the approved RAWP. Semi-annual groundwater sampling will continue for another four (4) rounds through the end of 2016 to conclude that the layer of clean groundwater beneath the St. John's Church property portion of the Site continues to be present.

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

Sincerely,

Yelena Skorobogatov
Technical Specialist
MGP Remediation
Environment, Health and Safety

Enclosures (figures/tables)
Attachments

cc:

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

TABLES

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

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-2	190.54	No longer exists				
MW-4	194.92	Unable to locate				
MW-5	189.12	No longer exists				
MW-6	187.82	4.89	**182.93**	ND	5 - 15	16.08
MW-7	189.51	8.40	**181.11**	ND	7 - 17	16.00
MW-8	202.08	23.19	**178.89**	ND	20 - 40	39.45
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	25.29	**179.31**	ND	16 - 51	49.44
RW-2	200.05	23.30	**176.75**	ND	18 - 48	44.32
RW-3	203.60	24.73	**178.87**	ND	20 - 50	51.87
RW-4	200.90	23.31	**177.59**	ND	17 - 57	52.75
RW-5	200.04	22.55	**177.49**	ND	14 - 54	50.90
RW-6	203.55	24.41	**179.14**	ND	19 - 49	48.80
RW-7	203.97	23.58	**180.39**	ND	17.5 - 47.5	45.68
PZ-1	203.63	24.32	**179.31**	ND	15 - 35	36.50
PZ-2	203.59	24.33	**179.26**	ND	15 - 35	35.40
PZ-3	200.21	23.45	**176.76**	ND	15 - 35	34.85
PZ-4	200.14	23.53	**176.61**	ND	15 - 35	34.62
MW-101	203.07	25.25	**177.82**	ND	NA	61

AMSL = Above Mean Sea Level
Gauging conducted on December 15, 2014

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

Well ID	Casing Elevation (AMSL)	Depth to Water (feet)	Water Elevation (AMSL)	Depth to NAPL (feet)	NAPL Thickness (feet)	Screened Interval (feet)	Depth to Bottom (feet)
MW-10	198.45	20.80	**177.65**	ND	NA	52 - 62	49.72
MW-11A	201.82	24.20	**177.62**	ND	NA	40 - 50	26.73
MW-11B	201.97	24.38	**177.59**	ND	NA	22 - 27	35.91
MW-11C	201.74	24.23	**177.51**	ND	NA	31 - 36	49.66
MW-12A	205.13	27.55	**177.58**	ND	NA	40 - 50	30.54
MW-12B	204.96	27.46	**177.50**	ND	NA	21 - 36	44.44
MW-12C	205.14	28.12	**177.02**	58.8 (1)	1.20	38 - 45	60
MW-13	204.84	27.54	**177.30**	ND	NA	50 - 60	64.45
MW-14	205.00	27.88	**177.12**	ND	NA	55 - 65	64.38
MW-15	207.60	30.55	**177.05**	ND	NA	55 - 65	66.55
MW-16	205.96	28.70	**177.26**	ND	NA	57 - 67	64.31
MW-17	204.95	27.69	**177.26**	ND	NA	55 - 65	49.88
MW-9	207.34	30.24	**177.10**	ND	NA	38 - 50	62.08
MW-18	208.9	32.11	**176.79**	ND	NA	60 - 70	71.55
MW-19	188.24	8.39	**179.85**	ND	NA	5 - 20	20.1
MW-20	191.58	14.31	**177.27**	ND	NA	5 - 20	20.08

AMSL = Above Mean Sea Level

Gauging conducted on December 15, 2014

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

Table 2
Summary of Laboratory Groundwater Analytical Results
December 2014 Semi-Annual - White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20141216 F5163-01 CTECH F5163 WATER 12/16/2014 9:50 2/4/2015	MW-7 MW-7-20141215 F5163-02 CTECH F5163 WATER 12/15/2014 11:05 2/4/2015	MW-8 MW-8-20141215 F5163-03 CTECH F5163 WATER 12/15/2014 15:10 2/4/2015	MW-9 MW-9-20141216 F5163-04 CTECH F5163 WATER 12/16/2014 14:45 2/4/2015	MW-10 MW-10-20141217 F5163-05 CTECH F5163 WATER 12/17/2014 9:40 2/4/2015	MW-11A MW-11A-20141216 F5163-06 CTECH F5163 WATER 12/16/2014 13:40 2/4/2015	MW-11B MW-11B-20141217 F5163-07 CTECH F5163 WATER 12/17/2014 11:05 2/4/2015
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
110-82-7	CYCLOHEXANE	NS	ug/l	ND	ND	1.7 J	2.8 J	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	ND	17	1.8 J	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	ND	ND	9.2	1.9 J	ND	ND	ND
100-42-5	STYRENE	5	ug/l	ND	ND	ND	130	1.8 J	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	ND	ND	ND	1.2 J	ND	ND	ND
	BTEX									
71-43-2	BENZENE	1	ug/l	ND	ND	ND	13.3	ND	ND	ND
100-41-4	ETHYLBENZENE	5	ug/l	ND	ND	2.6 J	31.1	ND	ND	ND
108-88-3	TOLUENE	5	ug/l	ND	ND	ND	250	0.55 J	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	5	ug/l	ND	ND	6.5 J	99.5	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	ND	2.7 J	80.2	0.47 J	ND	ND
	CVOCs									
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	1.1 J	ND	ND	ND
	Total BTEX			**ND**	**ND**	**11.8**	**474.1**	**1.02**	**ND**	**ND**
	Total VOCs			**ND**	**ND**	**39.7**	**612.9**	**2.82**	**ND**	**ND**
	SEMIVOLATILES									
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND	2.7 J	ND	ND	ND	ND
86-74-8	CARBAZOLE	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	NS	ug/l	ND	ND	ND	ND	ND	ND	ND
108-95-2	PHENOL	1	ug/l	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	ND	8.7 J	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	NS	ug/l	ND	ND	ND	7.3 J	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	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	ND	ND	17.5	2.1 J	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND	540	9.6 J	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
	Total PAHs			**ND**	**ND**	**566.2**	**19**	**ND**	**ND**	**ND**
	Total SVOCs			**ND**	**ND**	**568.9**	**19**	**ND**	**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 Laboratory Groundwater Analytical Results
December 2014 Semi-Annual - White Plains Former MGP Site
Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id Source: SDG: Matrix: Sampled: Validated:	Dup of MW-11B-20141217 MW-11B MW-111B-20141217 F5163-10 CTECH F5163 WATER 12/17/2014 11:05 2/4/2015	MW-11C MW-11C-20141216 F5163-11 CTECH F5163 WATER 12/16/2014 14:30 2/4/2015	MW-12A MW-12A-20141218 F5163-12 CTECH F5163 WATER 12/18/2014 9:50 2/4/2015	MW-12B MW-12B-20141218 F5163-13 CTECH F5163 WATER 12/18/2014 10:55 2/4/2015	MW-13 MW-13-20141217 F5163-14 CTECH F5163 WATER 12/17/2014 13:45 2/4/2015	MW-14 MW-14-20141217 F5163-15 CTECH F5163 WATER 12/17/2014 14:30 2/4/2015	MW-15 MW-15-20141216 F5163-16 CTECH F5163 WATER 12/16/2014 13:40 2/4/2015
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
110-82-7	CYCLOHEXANE	NS	ug/l	ND	49.5 J	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	17.2 J	ND	ND	ND	5.7 J	0.73 J
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	ND	60.8	ND	ND	ND	27.4 J	2.1 J
100-42-5	STYRENE	5	ug/l	ND	450	ND	ND	ND	2100	140
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	ND	ND	ND	ND	320	ND	34.6
	BTEX									
71-43-2	BENZENE	1	ug/l	ND	ND	ND	ND	ND	ND	5.9
100-41-4	ETHYLBENZENE	5	ug/l	ND	170	ND	ND	0.26 J	230	21.8
108-88-3	TOLUENE	5	ug/l	ND	ND	ND	ND	ND	2000	180
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	5	ug/l	ND	1600	ND	ND	1.2 J	1500	62.9
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	760	ND	ND	0.51 J	700	57.2
	CVOCs									
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	3.2 J	ND	1.8 J
	Total BTEX			**ND**	**2530**	**ND**	**ND**	**1.97**	**4430**	**327.8**
	Total VOCs			**ND**	**3107.5**	**ND**	**ND**	**325.17**	**6563.1**	**507.03**
	SEMIVOLATILES									
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	54	ND	ND	ND	30.5	ND
86-74-8	CARBAZOLE	NS	ug/l	ND	7.1 J	ND	ND	ND	2.6 J	ND
132-64-9	DIBENZOFURAN	NS	ug/l	ND	3.2 J	ND	ND	ND	ND	ND
108-95-2	PHENOL	1	ug/l	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	14.8 J	ND	ND	ND	9.6 J	2.6 J
208-96-8	ACENAPHTHYLENE	NS	ug/l	ND	72.7	ND	ND	ND	200	14.8
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	3.6 J	ND	ND	ND	3.7 J	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	41	ND	ND	ND	23.5	ND
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	ND	620	ND	ND	ND	330	4 J
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	8700	ND	ND	ND	4000	140
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	35.7	ND	ND	ND	29.6	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	2.2 J	ND	ND	ND	ND	ND
	Total PAHs			**ND**	**9490**	**ND**	**ND**	**ND**	**4596.4**	**161.4**
	Total SVOCs			**ND**	**9554.3**	**ND**	**ND**	**ND**	**4629.5**	**161.4**

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 Laboratory Groundwater Analytical Results
December 2014 Semi-Annual - White Plains Former MGP Site
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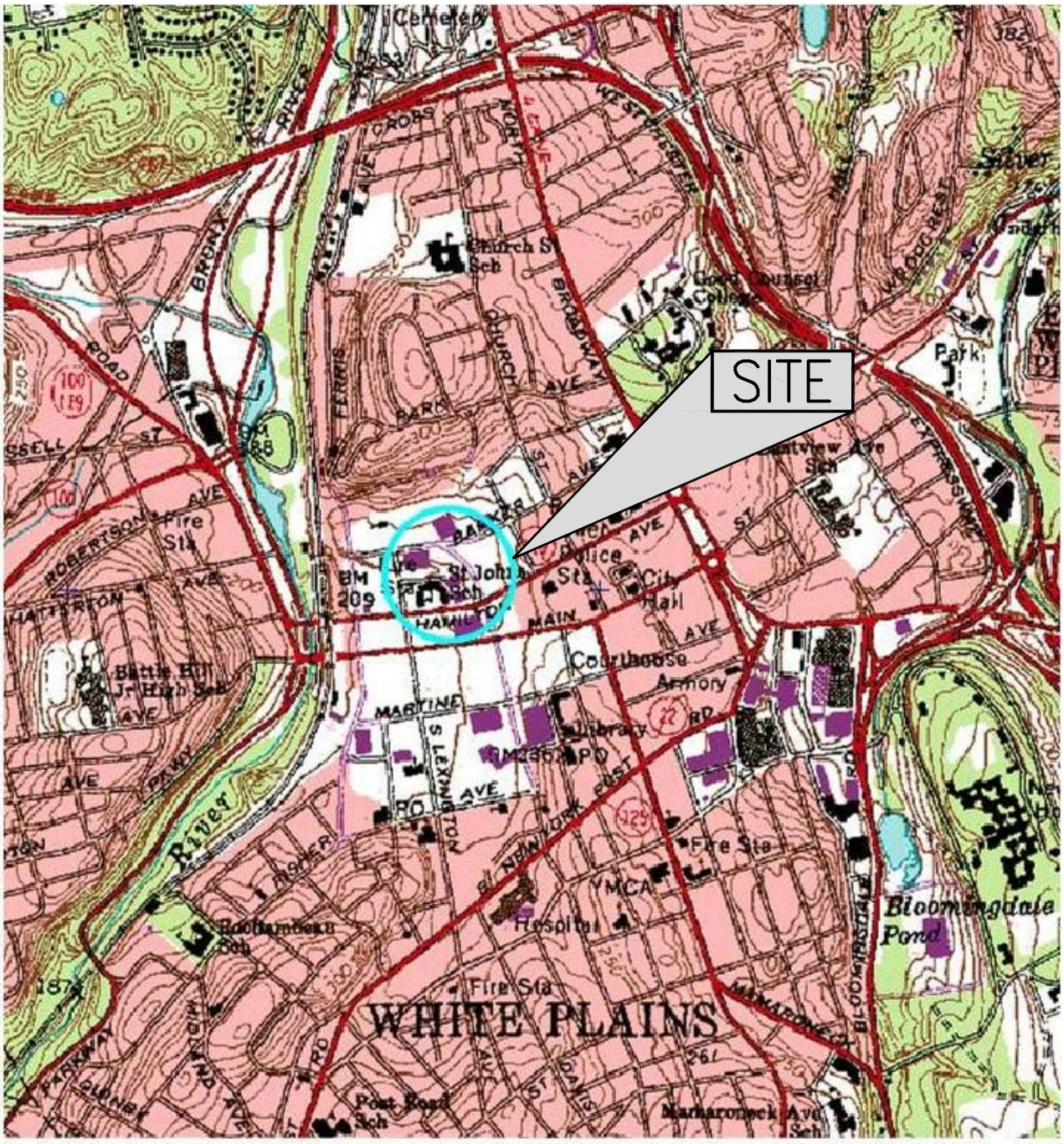
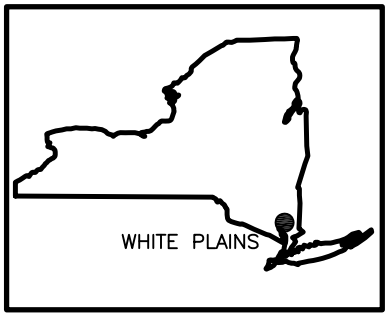
Con Ed - White Plains Validated Groundwater Analytical Data December 2014 Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Location ID: Sample ID: Lab Sample Id Source: SDG: Matrix: Sampled: Validated:	MW-16 MW-16-20141215 F5163-17 CTECH F5163 WATER 12/15/2014 16:20 2/4/2015	MW-17 MW-17-20141215 F5163-18 CTECH F5163 WATER 12/15/2014 15:15 2/4/2015	MW-18 MW-18-20141216 F5163-19 CTECH F5163 WATER 12/16/2014 11:30 2/4/2015	MW-19 MW-19-20141215 F5163-20 CTECH F5163 WATER 12/15/2014 13:15 2/4/2015	MW-20 MW-20-20141216 F5163-21 CTECH F5163 WATER 12/16/2014 10:55 2/4/2015	MW-101 MW-101-20141215 F5163-22 CTECH F5163 WATER 12/15/2014 10:05 2/4/2015
CAS NO.	COMPOUND		UNITS:						
	VOLATILES								
110-82-7	CYCLOHEXANE	NS	ug/l	ND	ND	4.1 J	ND	ND	4.1 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	10.7 J	ND	2.3 J	ND	ND	1.9 J
108-87-2	METHYLCYCLOHEXANE	NS	ug/l	25 J	ND	3.3 J	ND	ND	1.2 J
100-42-5	STYRENE	5	ug/l	830	ND	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10 (G)	ug/l	ND	ND	5.6	ND	ND	ND
	BTEX								
71-43-2	BENZENE	1	ug/l	250	ND	30.2	ND	ND	52.6
100-41-4	ETHYLBENZENE	5	ug/l	200	ND	1.9 J	ND	ND	2.5 J
108-88-3	TOLUENE	5	ug/l	1600	ND	4.7 J	ND	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	5	ug/l	710	ND	3.2 J	ND	ND	1.3 J
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	790	ND	55.8	ND	ND	3.3 J
	CVOCs								
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	ND	ND
	Total BTEX			**3550**	**ND**	**95.8**	**ND**	**ND**	**59.7**
	Total VOCs			**4415.7**	**ND**	**111.1**	**ND**	**ND**	**66.9**
	SEMIVOLATILES								
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	29.5	ND	2.3 J	ND	ND	ND
86-74-8	CARBAZOLE	NS	ug/l	4.1 J	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	NS	ug/l	ND	ND	ND	ND	ND	ND
108-95-2	PHENOL	1	ug/l	ND	ND	ND	ND	ND	2.8 J
	PAHs								
83-32-9	ACENAPHTHENE	20 (G)	ug/l	8.5 J	ND	3.5 J	ND	ND	23.8 J
208-96-8	ACENAPHTHYLENE	NS	ug/l	46.8	ND	15.1	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	2.5 J	ND	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND	ND	ND	ND	2.4 J
91-57-6	2-METHYLNAPHTHALENE	NS	ug/l	230	ND	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	4800	ND	140	ND	ND	18.3
85-01-8	PHENANTHRENE	50 (G)	ug/l	21	ND	ND	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND
	Total PAHs			**5108.8**	**ND**	**158.6**	**ND**	**ND**	**44.5**
	Total SVOCs			**5142.4**	**ND**	**160.9**	**ND**	**ND**	**47.3**

Notes:

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

FIGURES





QUADRANGLE LOCATION
NEW YORK

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

FIGURE 1

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

SITE LOCATION MAP

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

WATER STREET

NORTH LEXINGTON AVENUE

MARTIN LUTHER KING ST.

NEW STREET

HAMILTON STREET

MW-1 (NA)
MW-2 (NA)
MW-3 (NA)
MW-4 (NA)
MW-5 (NA)
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11A
MW-11B
MW-11C
MW-12A
MW-12B
MW-12C
MW-13
MW-14
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
MW-101

RW-1
RW-2
RW-3
RW-4
RW-5
RW-6
RW-7
PZ-1
PZ-2
PZ-3
PZ-4

STOCKADE FENCE
CHAIN LINK FENCE

ASPHALT PARKING LOT
3 STORY SCHOOL
ST. JOHNS RECTORY
CHURCH
GYMNASIUM
GRASSED LAWN AREA

CB
HYD
MH
TS
ISP

LEGEND:

MONITORING WELL

(NA) NO LONGER ACCESSIBLE

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

30' 0 60'

GRAPHIC SCALE1"=60'

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

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

Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

MONITORING WELL LOCATION MAP

FIGURE NO.
2

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

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

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

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

MW-101	5/11	11/11	11/11 DUP	5/12	12/12	5/13	12/13	6/14	12/14
Total BTEX	428	687	452	710	139.18	128.8	147.1	61.8	59.7
Total VOCs	454	687	452	1488	144.78	133.6	159.61	68.9	66.9

MW-8	7/01	7/01 DUP	5/11	5/11	11/11	5/12	5/12 DUP	12/12	5/13	12/13	6/14	12/14
Total BTEX	3.4	ND	2.86	2.86	2	13.5	15.1	10.3	1.61	11.1	2.57	11.8
Total VOCs	28.93	25.98	7.09	7.09	2	41.48	45.83	23.17	8.91	35.5	13	39.7

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

MW-16	11/09	11/09 DUP	5/11	11/1	5/12	12/12	5/13	12/13	6/14	12/14
Total BTEX	2640.0	6160.0	3810	3020	1780	4910	2470	3530	2590	3550
Total VOCs	3401.7	7953.9	4850.9	3980	4028.7	6146.97	3077.7	4468.7	3272	4415.7

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

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

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

MW-14	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total BTEX	3146.0	3618.6	2990	3678.4	5223	4240	4512.3	2557	4430
Total VOCs	4692.9	5689.3	4590	9250.6	8196.4	6340	6811	3806	6563.1

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

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

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

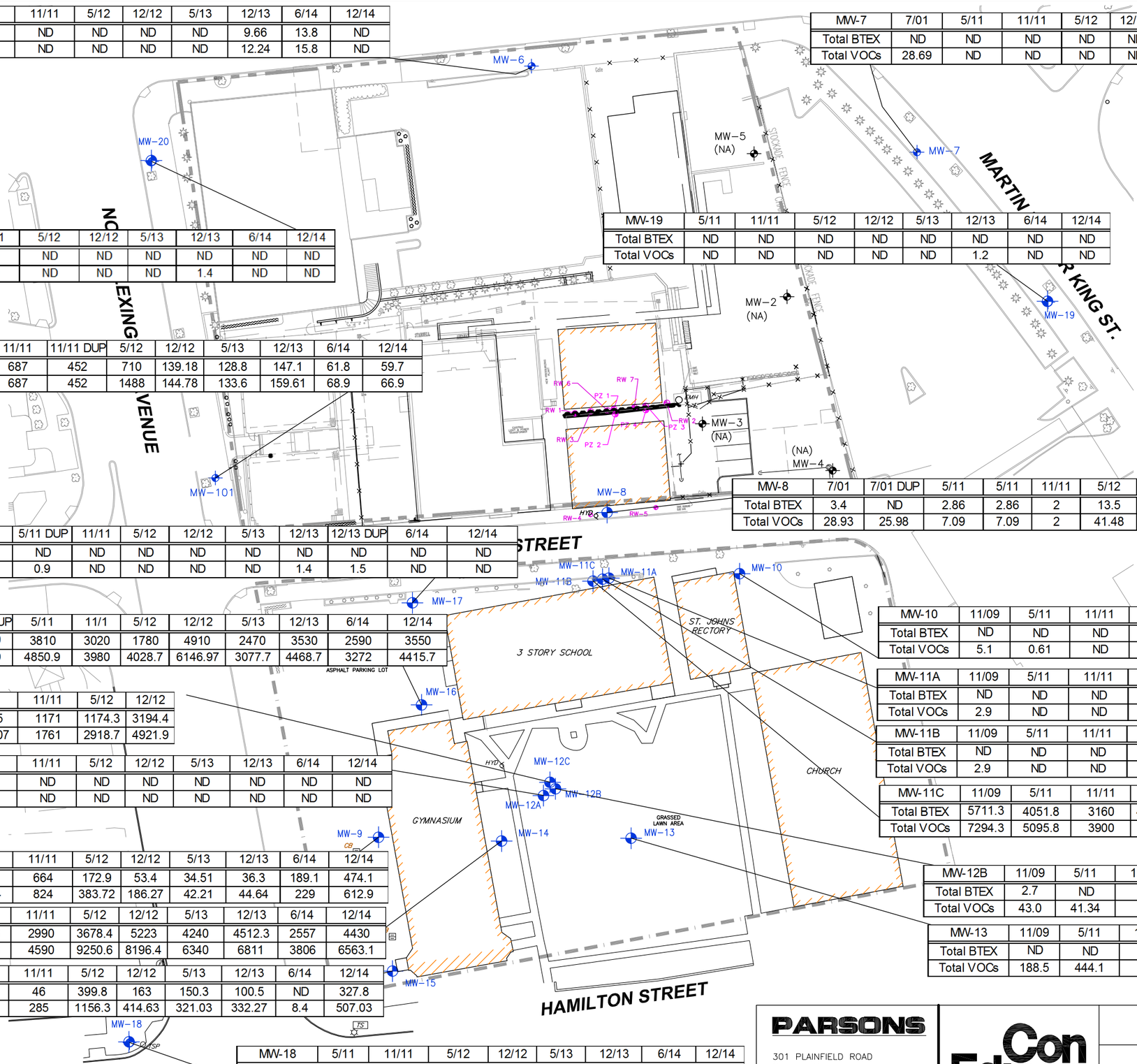
MW-11A	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	6/14 DUP	12/14
Total BTEX	ND	ND	ND	0.41	ND	ND	ND	ND	ND	ND
Total VOCs	2.9	ND	ND	0.82	ND	ND	2.6	ND	ND	ND

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

MW-11C	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total BTEX	5711.3	4051.8	3160	4751.4	5201.6	2861.55	3835.1	1910	2530
Total VOCs	7294.3	5095.8	3900	10669	6373.6	3473.15	4630.8	2341	3107.5

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

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



LEGEND:

MONITORING WELL

(NA) NO LONGER ACCESSIBLE

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

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

30' 0 60'

GRAPHIC SCALE1"=60'

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

Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

VOLATILE ORGANIC COMPOUNDS (VOCs)
SAMPLE RESULTS MAP

FIGURE NO. 3

FILE NAME: P:\CONED\446107 - WHITE PLAINS\CAD\2013 GWMR\446107-SK008-VOL 6-14.DWG
PLOT DATE: 2/23/2015 9:15 AM PLOTTED BY: RUSSO, JILL

MW-6	7/01	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	1094.34	ND	ND	ND	ND	ND	3.5	ND	ND
Total SVOCs	1129.05	ND	ND	ND	ND	15.4	3.5	2.5	ND

MW-7	7/01	5/11	11/11	5/12	12/12	12/12 Dup	5/13	12/13	6/14	12/14
Total PAHs	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	27.22	ND	ND	ND	ND	ND	ND	2.8	ND	ND

MW-20	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	ND	ND	ND	ND	1.61	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	8.91	5.8	5.8	ND

MW-8	7/01	7/01 DUP	5/11	5/11	11/11	5/12	5/12 DUP	12/12	5/13	12/13	6/14	12/14
Total PAHs	0.2	89.73	ND	ND	40	769.9	686.1	766.3	416.6	750.1	387	566.2
Total SVOCs	26.85	117.45	ND	ND	85.7	769.9	686.1	766.3	416.6	753.7	393	568.9

MW-101	5/11	11/11	11/11 DUP	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	283.6	245	300	614.6	85.2	107.2	76.7	85.6	44.5
Total SVOCs	304.4	490	600	621.4	91	113.1	79.7	94.2	47.3

MW-17	11/09	5/11	5/11 DUP	11/11	5/12	12/12	5/13	12/13	12/13 DUP	6/14	12/14
Total PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-16	11/09	11/09 DUP	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	8439.7	8059.4	7160.2	1999	186.3	6458.7	5959.1	8852.1	6074	5108.8
Total SVOCs	8503.0	8125.3	7230.1	4036	207.3	6487.4	5703.6	8901.2	6118	5142.4

MW-12C	11/09	5/11	11/11	5/12	12/12
Total PAHs	3801.7	2307.3	2554	3142.5	17986
Total SVOCs	3837.6	2331.7	5178	3165.5	18238

MW-12A	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	ND	1.9	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	1.9	ND	ND	ND	ND	2.6	ND	ND

MW-9	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	1275.4	49.8	400	189.4	21.2	14.3	27.4	88.3	19
Total SVOCs	1287	49.8	800	189.4	21.2	14.3	27.4	93.8	19

MW-14	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	3321.2	8044.3	2317	6312	6585.4	6946	6963.4	3659	4596.4
Total SVOCs	3351.3	8099.4	4673	6344	6636.6	6998.3	7004	3686	4629.5

MW-15	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	612.9	489.2	77.1	481.5	175.2	258	114.2	ND	161.4
Total SVOCs	620.7	492.3	154.2	486.1	175.2	258	114.2	2.9	161.4

MW-18	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	10.5	ND	6.5	5.9	43.1	204.9	40.3	158.6
Total SVOCs	10.5	ND	6.5	5.9	43.1	204.9	40.3	160.9

MW-19	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	3.3	ND

MW-10	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	4.4	ND	ND	ND	ND	ND	ND	ND	ND

MW-11A	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	6/14 DUP	12/14
Total PAHs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-11C	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	16130.2	7605.9	6380	16139	13636	11759.9	12821	11883	9490
Total SVOCs	16209.9	7664	12760	16206	13712	11831.7	12879	11943	9554.3

MW-11B	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14	12/14 DUP
Total PAHs	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	5.7	ND	ND	ND	ND	ND	ND	ND	ND	ND

MW-12B	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	5.4	1.6	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	5.4	1.6	ND	ND	ND	ND	ND	25.5	ND

MW-13	11/09	5/11	11/11	5/12	12/12	5/13	12/13	6/14	12/14
Total PAHs	2.4	ND	ND	ND	ND	ND	ND	ND	ND
Total SVOCs	5.1	ND	ND	ND	ND	ND	ND	ND	ND

LEGEND:

MONITORING WELL

(NA) NO LONGER ACCESSIBLE

SAMPLE ID	SAMPLE DATE
TOTAL POLYCYCLIC AROMATIC HYDROCARBONS	RESULTS IN ug/L
TOTAL SEMI-VOLATILE ORGANIC COMPOUNDS	RESULTS IN ug/L

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

30' 0 60'

GRAPHIC SCALE1"=60'

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

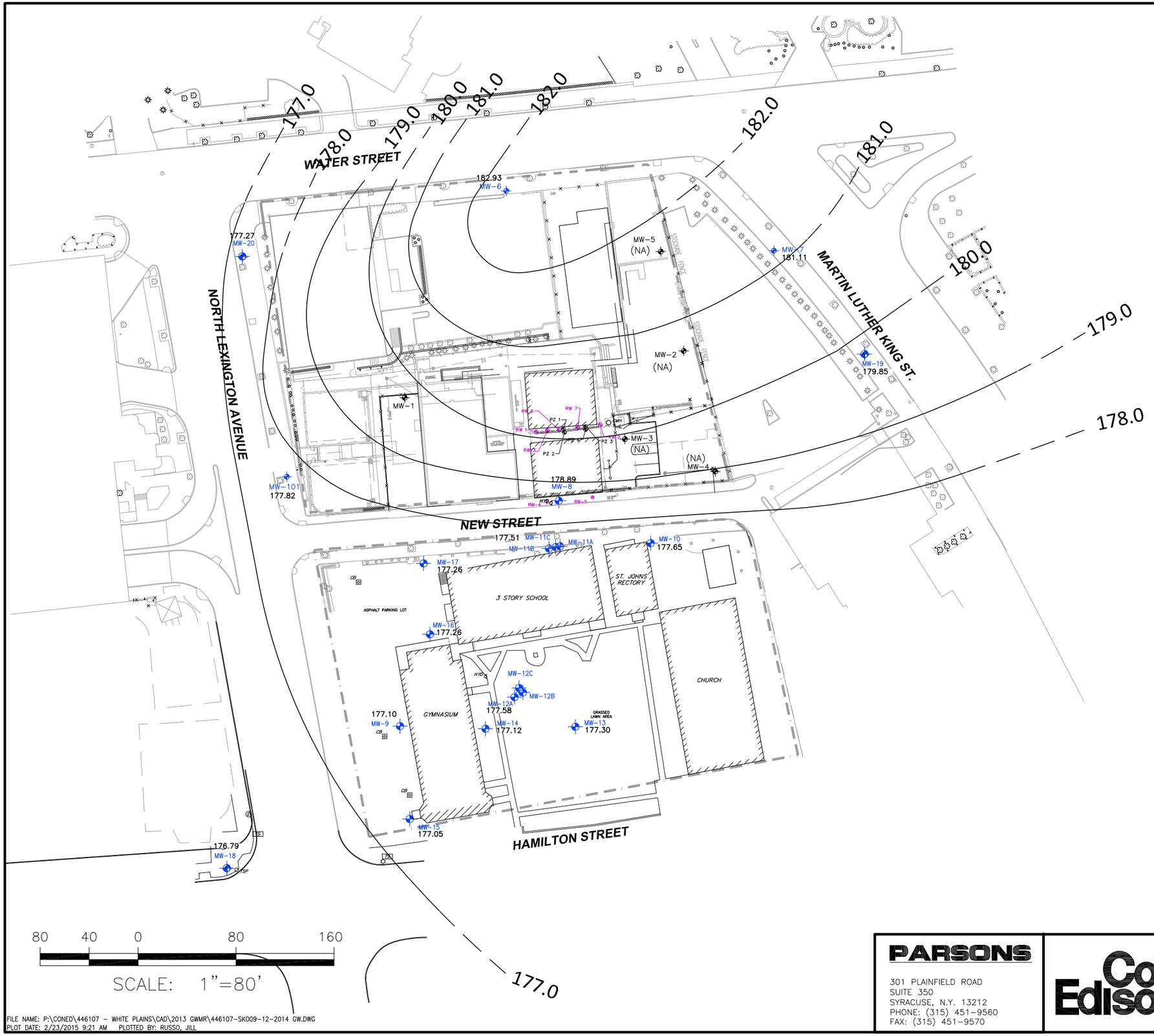
Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

SEMI-VOLATILE ORGANIC COMPOUND (SVOCs) SAMPLE RESULTS MAP

FIGURE NO. 4

FILE NAME: P:\CONED\446107 - WHITE PLAINS\CAD\2013 GWMR\446107-SK007-SEMI-V 6-14.DWG
PLOT DATE: 2/23/2015 9:18 AM PLOTTED BY: RUSSO, JILL



LEGEND:

- MONITORING WELL
- (NA) NO LONGER ACCESSIBLE
- 178.0 GROUNDWATER CONTOURS
- GROUNDWATER CONTOURS INFERRED
- 176.79 GROUNDWATER ELEVATIONS

NOTES:

1. MONITORING WELL GAUGING WAS PERFORMED BY PARSONS, INC. ON DECEMBER 15, 2014.
2. CONTOUR MAPPING DID NOT INCLUDE GROUNDWATER ELEVATIONS FROM THE FOLLOWING MONITORING/RECOVERY WELLS AND PIEZOMETERS; RW-1 THROUGH RW-8, PZ-1 THROUGH PZ-4, MW-11A, MW-11B, MW-12B, AND MW-12C.
3. MONITORING WELLS WERE FIELD SURVEYED BY CHAZEN ENGINEERING ON NOVEMBER 30, 2009 AND MAY 16, 2011.
4. MAP SOURCE FROM FIG 5-2 OF THE RETEC GROUP, INC. REMEDIAL INVESTIGATION REPORT, ST JOHN THE EVANGELIST R.C. CHURCH AND ELEMENTARY SCHOOL (NOVEMBER 2005).

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

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

Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP
DECEMBER 2014

FIGURE NO.
5

FILE NAME: P:\CONED\446107 - WHITE PLAINS\CAD\2013 GWMR\446107-SK009-12-2014 GW.DWG
PLOT DATE: 2/23/2015 9:21 AM PLOTTED BY: RUSSO, JILL

ATTACHMENTS

Attachment 1

Groundwater Sampling Records

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-6
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 5.21
Depth to Well Bottom (TOC): 16.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	10.79	x 0.16 = 1.73	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0915	0920	0925	0930	0935	0940	0945	0950
Depth To Water (TOC) (ft)	5.30	5.91	6.27	6.90	7.41	7.77	8.06	8.41
Depth To Pump (TOC) (ft)	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
Flow Rate (ml/min)	~175	~175	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.5	~1.0	~1.5	~2.0	~2.25	~2.75	~3.25	~3.5
pH (s.u.)	7.77	7.00	7.03	6.98	6.93	6.93	6.95	6.93
Conductivity (mS/cm)	1.24	1.17	1.16	1.15	1.13	1.09	1.10	1.11
Turbidity (NTUs)	9.5	9.7	28.3	7.4	2.9	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	9.07	6.41	5.52	5.43	4.61	4.65	4.61	4.59
Temperature (Degrees C)	8.24	13.04	15.48	15.47	16.06	15.88	15.80	15.79
ORP (mV)	135	155	153	152	158	154	154	153
Salinity (%)	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
TDS (g/L)	0.778	0.735	0.742	0.738	0.725	0.724	0.721	0.719

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 0950; purged approximately 3.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-15-14
Sampling Date: 12-15-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-7
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 8.40
Depth to Well Bottom (TOC): 16.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	7.60	x 0.16 = 1.22	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1030	1035	1040	1045	1050	1055	1100	1105
Depth To Water (TOC) (ft)	9.66	10.31	10.46	10.60	10.74	10.80	10.83	NA
Depth To Pump (TOC) (ft)	14.00	14.00	14.00	14.00	14.00	14.00	14.00	14.00
Flow Rate (ml/min)	~200	~175	~150	~150	~125	~125	~125	~125
Volume of Water Purged	~0.5	~1.25	~2.15	~3.0	~3.5	~4.0	~4.5	~5.0
pH (s.u.)	6.68	6.90	6.94	6.95	6.97	6.98	6.99	6.99
Conductivity (mS/cm)	3.35	3.57	3.61	3.72	3.84	3.85	3.85	3.86
Turbidity (NTUs)	319	46.9	18.3	4.9	4.0	3.8	3.1	2.9
Dissolved Oxygen (mg/L)	4.37	2.23	1.86	1.73	1.64	1.63	1.61	1.60
Temperature (Degrees C)	10.79	12.44	13.10	13.81	13.96	13.68	13.65	13.70
ORP (mV)	26	-66	-78	-85	-90	-93	-94	-94
Salinity (%)	0.19	0.19	0.19	0.20	0.20	0.20	0.20	0.20
TDS (g/L)	2.19	2.29	2.32	2.40	2.46	2.46	2.48	2.49

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1105; purged approximately 5.0 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-15-14
Sampling Date: 12-15-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-8
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 23.19
Depth to Well Bottom (TOC): 39.50

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	16.31	x 0.16 =	2.61 Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1440	1445	1450	1455	1500	1505	1510
Depth To Water (TOC) (ft)	23.30	23.41	23.40	23.41	23.41	23.40	23.42
Depth To Pump (TOC) (ft)	38.5	38.5	38.5	38.5	38.5	38.5	38.5
Flow Rate (ml/min)	~210	~250	~250	~250	~250	~250	~250
Volume of Water Purged	~0.5	~1.25	~2.0	~2.75	~3.75	~4.5	~5.25
pH (s.u.)	7.41	7.09	6.93	6.95	6.91	6.90	6.91
Conductivity (mS/cm)	4.12	2.55	2.75	2.56	2.58	2.58	2.57
Turbidity (NTUs)	30.2	2.4	0.0	0.0	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	2.51	4.20	3.71	3.85	3.42	3.40	3.38
Temperature (Degrees C)	14.74	15.74	15.54	15.85	15.85	15.87	15.89
ORP (mV)	-38	-13	-12	-9	-13	-14	-15
Salinity (%)	0.25	0.13	0.14	0.13	0.13	0.13	0.13
TDS (g/L)	2.59	1.63	1.74	1.64	1.65	1.65	1.64

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1510; purged approximately 5.25 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-9
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 30.24
Depth to Well Bottom (TOC): 62.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	31.76	x 0.16 = 5.08	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1415	1420	1425	1430	1435	1440	1445
Depth To Water (TOC) (ft)	30.41	30.49	30.50	30.49	30.49	30.52	30.53
Depth To Pump (TOC) (ft)	60.00	60.00	60.00	60.00	60.00	60.00	60.00
Flow Rate (ml/min)	~250	~250	~250	~250	~250	~250	~250
Volume of Water Purged	~0.5	~1.25	~2.0	~2.5	~3.25	~4.0	~4.75
pH (s.u.)	7.20	7.25	7.18	7.18	7.14	7.16	7.14
Conductivity (mS/cm)	2.65	2.41	2.48	2.50	2.54	2.56	2.56
Turbidity (NTUs)	152	90.4	30.9	32.6	18.7	18.4	17.9
Dissolved Oxygen (mg/L)	10.32	1.57	1.20	1.11	1.09	1.12	1.10
Temperature (Degrees C)	15.05	15.19	15.27	15.26	15.29	15.31	15.30
ORP (mV)	-44	-48	-54	-56	-59	-62	-60
Salinity (%)	0.14	0.13	0.13	0.13	0.13	0.13	0.13
TDS (g/L)	1.68	1.57	1.59	1.61	1.63	1.63	1.65

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1445; purged approximately 4.75 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-17-14
Sampling Date: 12-17-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-10
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 20.80
Depth to Well Bottom (TOC): 49.72

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	28.92	x 0.16 = 4.63	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0905	0910	0915	0920	0925	0930	0935	0940
Depth To Water (TOC) (ft)	20.80	20.81	20.82	20.81	20.81	20.82	20.81	20.82
Depth To Pump (TOC) (ft)	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.25	~1.5	~2.25	~3.5	~4.5	~5.75	~6.5	~7.25
pH (s.u.)	5.82	6.40	6.45	6.44	6.43	6.42	6.41	6.42
Conductivity (mS/cm)	8.35	8.43	8.21	8.07	7.84	7.66	7.65	7.66
Turbidity (NTUs)	136	51.8	34.5	28.8	26.2	24.6	23.9	23.8
Dissolved Oxygen (mg/L)	4.24	3.28	2.67	2.40	2.08	2.03	2.01	2.00
Temperature (Degrees C)	14.82	15.44	15.46	15.36	15.57	15.56	15.55	15.56
ORP (mV)	72	86	84	79	71	64	58	55
Salinity (%)	0.47	0.47	0.45	0.44	0.43	0.42	0.41	0.41
TDS (g/L)	5.35	5.30	5.16	5.08	4.93	4.82	4.76	4.75

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 0940; purged approximately 7.25 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-11A
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.20
Depth to Well Bottom (TOC): 26.73

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	2.53	x 0.16 = 0.40	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1305	1310	1315	1320	1325	1330	1335	1340
Depth To Water (TOC) (ft)	24.20	24.25	24.25	24.25	24.25	24.25	24.25	24.25
Depth To Pump (TOC) (ft)	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.4	~1.0	~2.4	~3.5	~4.5	~5.25	~6.0	~6.75
pH (s.u.)	7.36	7.36	7.35	7.33	7.31	7.31	7.31	7.31
Conductivity (mS/cm)	6.32	6.30	6.23	6.32	6.32	6.33	6.30	6.32
Turbidity (NTUs)	387	192	190	40.2	20.1	15.5	15.1	14.8
Dissolved Oxygen (mg/L)	10.41	10.22	10.03	9.68	9.39	9.20	9.18	9.19
Temperature (Degrees C)	16.21	16.18	16.15	16.27	16.35	16.15	16.13	16.16
ORP (mV)	78	87	92	96	101	103	103	105
Salinity (%)	0.34	0.34	0.33	0.34	0.34	0.34	0.34	0.34
TDS (g/L)	4.12	3.99	3.88	3.97	3.98	3.98	3.94	3.90

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1340; purged approximately 6.75 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-17-14
Sampling Date: 12-17-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-11B, MW-11B MS, MW-11B MSD, MW-111B (Duplicate)
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.38
Depth to Well Bottom (TOC): 35.91

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel 11.53	x 0.16 =	1.84	Gallons
3-inch Casing:	Ft. of Water in Well	x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well	x 0.64 =		Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1030	1035	1040	1045	1050	1055	1100	1105
Depth To Water (TOC) (ft)	24.38	24.39	24.40	24.40	24.39	24.40	24.40	24.39
Depth To Pump (TOC) (ft)	34.92	34.92	34.92	34.92	34.92	34.92	34.92	34.92
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.5	~1.5	~2.5	~3.25	~4.5	~5.25	~6.00	~6.5
pH (s.u.)	6.98	6.95	6.93	6.93	6.93	6.92	6.92	6.92
Conductivity (mS/cm)	3.80	3.85	3.86	3.88	3.88	3.86	3.85	3.84
Turbidity (NTUs)	39.2	22.6	14.7	9.9	6.4	2.7	2.5	2.3
Dissolved Oxygen (mg/L)	3.95	3.73	3.69	3.65	3.63	3.55	3.59	3.57
Temperature (Degrees C)	16.10	16.39	16.53	16.58	16.63	17.08	17.09	17.06
ORP (mV)	96	102	106	108	110	113	117	114
Salinity (%)	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
TDS (g/L)	2.43	2.47	2.47	2.48	2.48	2.48	2.46	2.47

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1105; purged approximately 6.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-11C
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.23
Depth to Well Bottom (TOC): 49.66

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	25.43	x 0.16 =	4.07 Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong hydrocarbon odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1400	1405	1410	1415	1420	1425	1430
Depth To Water (TOC) (ft)	24.23	24.24	24.25	24.25	24.25	24.25	24.25
Depth To Pump (TOC) (ft)	48.00	48.00	48.00	48.00	48.00	48.00	48.00
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.5	~1.25	~2.0	~3.0	~4.0	~5.25	~6.0
pH (s.u.)	7.53	7.60	7.61	7.64	7.65	7.64	7.64
Conductivity (mS/cm)	4.74	4.77	4.80	4.87	4.87	4.89	4.88
Turbidity (NTUs)	86.9	61.80	35.20	15.90	15.10	14.80	14.20
Dissolved Oxygen (mg/L)	10.27	9.99	9.76	9.21	8.40	8.41	8.40
Temperature (Degrees C)	13.46	13.33	13.29	13.39	13.50	13.44	13.51
ORP (mV)	-92	-108	-134	-153	-162	-164	-169
Salinity (%)	0.25	0.26	0.26	0.26	0.26	0.26	0.26
TDS (g/L)	3.04	3.06	3.08	3.12	3.13	3.13	3.14

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1430; purged approximately 6.0 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-18-14
Sampling Date: 12-18-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-12A
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.55
Depth to Well Bottom (TOC): 30.54

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	2.99	x 0.16 = 0.48	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0915	0920	0925	0930	0935	0940	0945	0950
Depth To Water (TOC) (ft)	27.55	27.56	27.58	27.57	27.58	27.58	27.58	27.58
Depth To Pump (TOC) (ft)	29.55	29.55	29.55	29.55	29.55	29.55	29.55	29.55
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.25	~1.0	~1.75	~2.25	~3.0	~4.0	~5.0	~6.0
pH (s.u.)	7.74	7.52	7.41	7.18	7.14	7.10	7.09	7.08
Conductivity (mS/cm)	0.502	0.526	0.518	0.510	0.514	0.517	0.518	0.517
Turbidity (NTUs)	52.8	33.4	21.8	19.5	11.5	6.1	5.8	5.7
Dissolved Oxygen (mg/L)	9.28	7.55	7.74	8.62	8.71	8.68	8.65	8.66
Temperature (Degrees C)	12.46	14.17	14.98	15.17	14.82	14.67	14.62	14.68
ORP (mV)	137	139	141	146	144	155	158	161
Salinity (%)	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02
TDS (g/L)	0.324	0.338	0.330	0.327	0.329	0.331	0.329	0.330

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 0950; purged approximately 6.0 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-18-14
Sampling Date: 12-18-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-12B
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.46
Depth to Well Bottom (TOC): 44.44

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	16.98	x 0.16 = 2.72	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1020	1025	1030	1035	1040	1045	1050	1055
Depth To Water (TOC) (ft)	27.46	27.48	27.50	27.50	27.50	27.50	27.50	27.50
Depth To Pump (TOC) (ft)	43.50	43.50	43.50	43.50	43.50	43.50	43.50	43.50
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.50	~1.0	~2.0	~3.0	~4.0	~5.0	~5.75	~6.5
pH (s.u.)	6.41	6.65	6.73	6.75	6.79	6.77	6.78	6.76
Conductivity (mS/cm)	1.74	2.07	2.09	2.19	2.19	2.20	2.20	2.20
Turbidity (NTUs)	86.5	173	138	98.9	60.3	67.5	66.8	67.3
Dissolved Oxygen (mg/L)	9.22	7.74	7.02	0.95	0.85	0.82	0.83	0.82
Temperature (Degrees C)	13.83	14.37	14.64	13.77	13.95	13.95	13.94	13.94
ORP (mV)	171	150	111	70	56	53	49	44
Salinity (%)	0.09	0.11	0.11	0.11	0.11	0.11	0.11	0.11
TDS (g/L)	1.11	1.33	1.34	1.40	1.40	1.41	1.41	1.41

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1055; purged approximately 6.5 gallons. Emptied flow cell after 1030 reading.

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-17-14
Sampling Date: 12-17-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-13
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.54
Depth to Well Bottom (TOC): 64.45

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	36.91	x 0.16 = 5.91	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
Other :

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1310	1315	1320	1325	1330	1335	1340	1345
Depth To Water (TOC) (ft)	27.54	27.56	27.57	27.56	27.56	27.57	27.56	27.56
Depth To Pump (TOC) (ft)	57.60	57.60	57.60	57.60	57.60	57.60	57.60	57.60
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.25	~1.0	~2.0	~3.0	~3.75	~4.5	~5.5	~6.25
pH (s.u.)	6.98	6.49	6.45	6.44	6.42	6.42	6.43	6.44
Conductivity (mS/cm)	2.99	2.97	2.96	2.97	2.98	2.99	3.00	3.01
Turbidity (NTUs)	170	108	84.6	63.0	42.7	39.8	35.4	37.9
Dissolved Oxygen (mg/L)	2.11	1.34	1.09	1.40	0.99	1.00	0.97	0.99
Temperature (Degrees C)	13.74	13.78	13.89	13.76	13.63	13.45	13.48	13.46
ORP (mV)	-73	-74	-74	-74	-74	-74	-74	-74
Salinity (%)	0.13	0.15	0.15	0.15	0.15	0.15	0.16	0.16
TDS (g/L)	1.63	1.90	1.90	1.90	1.90	1.91	1.93	1.93

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1345; purged approximately 6.25 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-17-14
Sampling Date: 12-17-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-14
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.88
Depth to Well Bottom (TOC): 64.38

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	36.50	x 0.16 = 5.84	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Strong hydrocarbon odor
Other :

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1405	1410	1415	1420	1425	1430
Depth To Water (TOC) (ft)	27.88	27.89	27.90	27.91	27.90	27.91
Depth To Pump (TOC) (ft)	63.50	63.50	63.50	63.50	63.50	63.50
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.5	~1.25	~2.0	~2.75	~3.5	~4.0
pH (s.u.)	6.64	6.64	6.62	6.61	6.61	6.61
Conductivity (mS/cm)	2.12	2.13	2.14	2.14	2.14	2.14
Turbidity (NTUs)	40.7	27.3	23.1	18.1	18.4	18.2
Dissolved Oxygen (mg/L)	0.74	0.63	0.87	0.66	0.65	0.66
Temperature (Degrees C)	14.52	14.51	14.54	14.52	14.54	14.53
ORP (mV)	-69	-76	-76	-79	-81	-82
Salinity (%)	0.11	0.11	0.11	0.11	0.11	0.11
TDS (g/L)	1.36	1.37	1.37	1.37	1.37	1.37

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1430; purged approximately 4 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-15
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 30.50
Depth to Well Bottom (TOC): 66.60

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	36.10	x 0.16 = 5.78	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1310	1315	1320	1325	1330	1335	1340
Depth To Water (TOC) (ft)	30.91	30.92	30.89	30.88	30.89	30.89	30.90
Depth To Pump (TOC) (ft)	65.60	65.60	65.60	65.60	65.60	65.60	65.60
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.75	~1.25	~2.0	~2.75	~3.5	~4.25	~5.15
pH (s.u.)	7.80	7.42	7.15	7.14	7.12	7.12	7.13
Conductivity (mS/cm)	0.850	1.10	1.55	1.74	1.96	1.98	1.99
Turbidity (NTUs)	73.0	34.0	7.6	0.0	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	2.26	1.58	1.25	4.89	5.61	5.89	5.97
Temperature (Degrees C)	14.29	14.01	14.36	14.22	14.20	14.17	14.13
ORP (mV)	-113	-91	-8	-36	-47	-50	-54
Salinity (%)	0.04	0.06	0.08	0.09	0.1	0.1	0.1
TDS (g/L)	0.553	0.732	0.989	1.11	1.19	1.24	1.29

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1340; purged approximately 5.15 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-15-14
Sampling Date: 12-15-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-16
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.70
Depth to Well Bottom (TOC): 64.31

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	35.61	x 0.16 = 5.70	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Organic odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1540	1545	1550	1555	1600	1605	1610	1620
Depth To Water (TOC) (ft)	28.74	28.75	28.74	28.74	28.74	28.75	28.74	28.74
Depth To Pump (TOC) (ft)	62.50	62.50	62.50	62.50	62.50	62.50	62.50	62.50
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.7	~1.8	~3.0	~4.0	~5.0	~5.75	~6.5	~7.0
pH (s.u.)	7.18	7.24	7.25	7.26	7.27	7.28	7.28	7.28
Conductivity (mS/cm)	4.41	4.38	4.35	4.25	4.06	4.00	4.02	3.98
Turbidity (NTUs)	13.4	12.9	11.8	14.7	11.7	9.6	8.4	7.5
Dissolved Oxygen (mg/L)	1.92	1.68	1.57	1.31	1.00	0.93	0.91	0.90
Temperature (Degrees C)	14.58	14.61	14.86	15.04	15.18	15.20	15.21	15.21
ORP (mV)	-108	-110	-119	-122	-128	-132	-134	-135
Salinity (%)	0.23	0.23	0.23	0.23	0.22	0.21	0.21	0.20
TDS (g/L)	2.81	2.80	2.76	2.73	2.70	2.56	2.56	2.56

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1620; purged approximately 7.0 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-15-14
Sampling Date: 12-15-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-17
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 27.69
Depth to Well Bottom (TOC): 49.88

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	22.19	x 0.16 = 3.55	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1440	1445	1450	1455	1500	1505	1510	1515
Depth To Water (TOC) (ft)	27.74	27.75	27.75	27.75	27.76	27.75	27.76	27.76
Depth To Pump (TOC) (ft)	48.00	48.00	48.00	48.00	48.00	48.00	48.00	48.00
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.3	~1.0	~2.2	~3.0	~3.7	~4.5	~5.7	~6.5
pH (s.u.)	7.02	7.09	7.18	7.40	7.47	7.50	7.51	7.51
Conductivity (mS/cm)	2.21	2.38	2.42	2.60	2.62	2.63	2.64	2.64
Turbidity (NTUs)	138	124	103	31.6	15.8	14.9	13.2	12.9
Dissolved Oxygen (mg/L)	8.12	7.57	7.45	6.92	6.63	5.87	5.89	5.89
Temperature (Degrees C)	17.20	17.14	16.98	16.94	16.95	16.94	16.93	16.94
ORP (mV)	191	187	179	161	159	174	178	179
Salinity (%)	0.16	0.15	0.15	0.14	0.13	0.14	0.14	0.14
TDS (g/L)	1.41	1.48	1.57	1.68	1.67	1.68	1.69	1.70

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1515; purged approximately 6.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: Matt Bruno of Parsons / Somerset, NJ

SAMPLE ID: MW-18
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 32.12
Depth to Well Bottom (TOC): 71.60

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	39.48	x 0.16 = 6.32	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1440	1445	1450	1455	1500
Depth To Water (TOC) (ft)	32.15	32.20	32.20	32.20	32.20
Depth To Pump (TOC) (ft)	69.00	69.00	69.00	69.00	69.00
Flow Rate (ml/min)	~200	~200	~200	~200	~200
Volume of Water Purged	~0.5	~0.75	~1.0	~1.5	~2.25
pH (s.u.)	7.36	7.33	7.33	7.32	7.33
Conductivity (mS/cm)	3.18	3.28	3.27	3.28	3.27
Turbidity (NTUs)	374	115	31.7	30.9	31.1
Dissolved Oxygen (mg/L)	0.74	0.68	0.63	0.66	0.67
Temperature (Degrees C)	17.25	15.84	15.95	15.87	15.92
ORP (mV)	-122	-119	-121	-121	-122
Salinity (%)	0.16	0.17	0.17	0.17	0.17
TDS (g/L)	2.01	2.09	2.09	2.11	2.11

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1500; purged approximately 2.25 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-15-14
Sampling Date: 12-15-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-19
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 8.39
Depth to Well Bottom (TOC): 20.50

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	12.11	x 0.16 = 1.94	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1240	1245	1250	1255	1300	1305	1310	1315
Depth To Water (TOC) (ft)	9.89	10.23	10.40	10.46	10.49	10.51	10.54	10.57
Depth To Pump (TOC) (ft)	18.00	18.00	18.00	18.00	18.00	18.00	18.00	18.00
Flow Rate (ml/min)	~200	~150	~150	~150	~150	~150	~150	~150
Volume of Water Purged	~0.5	~1.5	~2.0	~2.5	~3.0	~3.5	~4.0	~4.5
pH (s.u.)	6.98	6.93	6.92	6.99	6.93	6.94	6.95	6.95
Conductivity (mS/cm)	6.00	6.12	6.10	6.22	6.18	6.19	6.18	6.20
Turbidity (NTUs)	987	445	304	233	153	56.7	59.8	58.7
Dissolved Oxygen (mg/L)	2.50	2.16	2.36	2.41	2.44	2.45	2.48	2.50
Temperature (Degrees C)	14.86	14.79	14.53	15.01	14.44	14.50	14.47	14.49
ORP (mV)	22	-13	-25	-22	-41	-41	-42	-42
Salinity (%)	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.34
TDS (g/L)	3.78	3.85	3.84	3.86	3.88	3.90	3.91	3.97

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1315; purged approximately 4.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-16-14
Sampling Date: 12-16-14
Samplers: Chris Watson of Parsons / Somerset, NJ

SAMPLE ID: MW-20
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 14.31
Depth to Well Bottom (TOC): 20.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	5.69	x 0.16 =	0.91 Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1030	1035	1040	1045	1050	1055
Depth To Water (TOC) (ft)	14.61	14.65	14.70	14.71	14.74	14.77
Depth To Pump (TOC) (ft)	18.00	18.00	18.00	18.00	18.00	18.00
Flow Rate (ml/min)	~200	~200	~200	~200	~200	~200
Volume of Water Purged	~0.5	~1.25	~2.0	~2.5	~3.0	~3.5
pH (s.u.)	6.74	6.85	6.87	6.88	6.87	6.87
Conductivity (mS/cm)	18.70	11.40	11.60	11.70	11.40	11.50
Turbidity (NTUs)	90.1	17.1	2.9	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	2.22	1.35	1.14	1.11	1.09	1.08
Temperature (Degrees C)	15.18	15.81	15.57	14.42	14.00	14.11
ORP (mV)	81	49	38	42	47	50
Salinity (%)	0.61	0.64	0.66	0.67	0.65	0.65
TDS (g/L)	6.74	7.05	7.20	7.29	7.27	7.29

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1055; purged approximately 3.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 448954-01000
Purge Date: 12-15-14
Sampling Date: 12-15-14
Samplers: John McDougall of Parsons / Somerset, NJ

SAMPLE ID: MW-101
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 25.25
Depth to Well Bottom (TOC): 61.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Wel	35.75	x 0.16 = 5.72	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0920	0925	0930	0945	0950	0955	1000	1005
Depth To Water (TOC) (ft)	25.25	25.26	25.25	25.25	25.25	25.25	25.25	25.25
Depth To Pump (TOC) (ft)	58.00	58.00	58.00	58.00	58.00	58.00	58.00	58.00
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.75	~1.5	~2.5	~3.5	~4.25	~5.0	~6.0	~7.0
pH (s.u.)	7.17	7.16	7.16	7.16	7.15	7.15	7.15	7.15
Conductivity (mS/cm)	3.30	3.43	3.61	3.67	3.75	3.86	3.85	3.87
Turbidity (NTUs)	754	447	241	150	105	57.1	35.1	34.4
Dissolved Oxygen (mg/L)	3.89	2.99	5.77	5.49	5.13	4.53	4.09	4.07
Temperature (Degrees C)	16.68	16.69	16.45	16.62	16.58	16.50	16.53	16.50
ORP (mV)	-116	-118	-120	-121	-123	-123	-126	-126
Salinity (%)	0.17	0.18	0.20	0.19	0.20	0.21	0.20	0.20
TDS (g/L)	2.14	2.18	2.40	2.37	2.41	2.53	2.45	2.48

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1005; purged approximately 7 gallons. Emptied flow cell due to high turbidity between 0930 and 0945

Attachment 2
Data Usability Summary Report

DATA USABILITY SUMMARY REPORT

WHITE PLAINS

Prepared For:

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

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

Prepared By:

PARSONS

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FEBRUARY 2015

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LIST OF ATTACHMENTS

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the Consolidated Edison White Plains site on December 15, 2014 through December 18, 2014. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

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

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

1.1 LABORATORY DATA PACKAGES

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

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

1.2 SAMPLING AND CHAIN-OF-CUSTODY

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

1.3 LABORATORY ANALYTICAL METHODS

The groundwater samples that were collected from the site were analyzed for volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs). Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.2. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) 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. The reported results for the VOC samples did not require qualification resulting from data validation. The reported VOC analytical results were 100% complete (i.e., usable) for the groundwater data. PARCC 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 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 98.6% complete (i.e., usable) for the groundwater data. PARCC 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 (SDG) F5163.

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.

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

MS/MSD Precision and Accuracy

All precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits during the spiked analyses of sample MW-11B with the exception of the low MS/MSD accuracy results for benzaldehyde (5%R/5%R; QC limit 10-137%R), 1,2,4,5-tetrachlorophenol (88%R/86%R; QC limit 89-102%R), and 2,3,4,6-tetrachlorophenol (88%R/83%R; QC limit 91-111%R). 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 low LCS recoveries for benzaldehyde (3%R; QC limit 10-109%R) and acenaphthene (65%R; QC limit 66-114%R) associated with all samples. Therefore, sample results for these compounds were considered estimated, possibly biased low, with positive results qualified "J-"

and nondetected results qualified "UJ" for the affected samples. However, nondetected benzaldehyde results were considered unusable and qualified "R" for the affected samples.

Blank Contamination

The field equipment QC blank FB-20141215 associated with all samples contained benzaldehyde, acetophenone, and dimethylphthalate at concentrations of 3.3, 2.4, and 2.2 µg/L, respectively. Therefore, associated sample results less than validation action concentrations for these compounds were considered not detected and qualified "U" for the affected samples.

Usability

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

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater semivolatile data presented by Chemtech were 98.6% 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 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20141216 F5163-01 CTECH F5163 WATER 12/16/2014 9:50 2/4/2015	MW-7 MW-7-20141215 F5163-02 CTECH F5163 WATER 12/15/2014 11:05 2/4/2015	MW-8 MW-8-20141215 F5163-03 CTECH F5163 WATER 12/15/2014 15:10 2/4/2015	MW-9 MW-9-20141216 F5163-04 CTECH F5163 WATER 12/16/2014 14:45 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	0.4 U	0.4 U	0.4 U	0.4 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	0.31 U	0.31 U	0.31 U	0.31 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	0.38 U	0.38 U	0.38 U
75-34-3	1,1-DICHLOROETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.48 U	1.1 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	0.95 U	6.5 J	99.5
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	0.43 U	0.43 U	0.43 U	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 U	50 U	50 U	50 U
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	0.32 U	13.3
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	0.31 U	0.31 U	0.31 U	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.2 U	0.2 U	1.7 J	2.8 J
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.2 U	2.6 J	31.1
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	17	1.8 J
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.2 U	0.2 U	9.2	1.9 J
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	0.43 U	0.43 U	2.7 J	80.2
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	0.36 U	130
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U	0.35 U	1.2 J
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	0.37 U	0.37 U	0.37 U	250
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	0.29 U	0.29 U	0.29 U	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	0.28 U	0.28 U	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 U	0.34 U	0.34 U	0.34 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 MW-6-20141216 F5163-01 CTECH F5163 WATER 12/16/2014 9:50 2/4/2015	MW-7 MW-7-20141215 F5163-02 CTECH F5163 WATER 12/15/2014 11:05 2/4/2015	MW-8 MW-8-20141215 F5163-03 CTECH F5163 WATER 12/15/2014 15:10 2/4/2015	MW-9 MW-9-20141216 F5163-04 CTECH F5163 WATER 12/16/2014 14:45 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.2 U	0.21 U	0.21 U	0.2 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.2 U	0.21 U	0.21 U	0.2 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.4 U	0.41 U	0.42 U	0.4 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.56 U	0.58 U	0.58 U	0.57 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.66 U	0.68 U	0.69 U	0.67 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.71 U	0.73 U	0.74 U	0.72 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.1 U	2.2 U	2.2 U	2.1 U
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1 U	1 U	1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.32 U	0.33 U	0.33 U	0.32 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
95-57-8	2-CHLOROPHENOL	ug/l	0.54 U	0.56 U	0.56 U	0.55 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.32 U	0.33 U	17.5	2.1 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.24 U	0.25 U	0.25 U	0.24 U
88-74-4	2-NITROANILINE	ug/l	0.49 U	0.51 U	0.51 U	0.49 U
88-75-5	2-NITROPHENOL	ug/l	0.52 U	0.54 U	0.54 U	0.53 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.38 U	0.39 U	0.4 U	0.38 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1 U	1 U	1 U	1 U
99-09-2	3-NITROANILINE	ug/l	1 U	1 U	1 U	1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.74 U	0.76 U	0.77 U	0.75 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.23 U	0.24 U	0.24 U	0.23 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.4 U	0.41 U	0.42 U	0.4 U
106-47-8	4-CHLOROANILINE	ug/l	1 U	1 U	1 U	1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.21 U	0.22 U	0.22 U	0.21 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2 U	2.1 U	2.1 U	2 U
83-32-9	ACENAPHTHENE	ug/l	0.21 UJ	0.22 UJ	8.7 J	0.21 UJ
208-96-8	ACENAPHTHYLENE	ug/l	0.7 U	0.72 U	0.73 U	7.3 J
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.14 U	0.15 U	0.14 U
120-12-7	ANTHRACENE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
1912-24-9	ATRAZINE	ug/l	0.4 U	0.41 U	0.42 U	0.4 U
100-52-7	BENZALDEHYDE	ug/l	R	R	R	R
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.14 U	0.15 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.29 U	0.3 U	0.3 U	0.29 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.29 U	0.3 U	0.3 U	0.29 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.18 U	0.19 U	0.19 U	0.18 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.19 U	0.2 U	0.2 U	0.19 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.15 U	0.15 U	2.7 J	0.15 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.55 U	0.57 U	0.57 U	0.56 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	0.55 U	0.57 U	0.57 U	0.56 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.17 U	0.18 U	0.18 U	0.17 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
105-60-2	CAPROLACTAM	ug/l	1 U	1 U	1 U	1 U
86-74-8	CARBAZOLE	ug/l	0.22 U	0.23 U	0.23 U	0.22 U
218-01-9	CHRYSENE	ug/l	0.18 U	0.19 U	0.19 U	0.18 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.42 U	0.43 U	0.44 U	0.42 U
132-64-9	DIBENZOFURAN	ug/l	0.24 U	0.25 U	0.25 U	0.24 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.38 U	0.39 U	0.4 U	0.38 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.22 U	0.23 U	0.23 U	0.22 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1 U	1 U	1 U	1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.51 U	0.53 U	0.53 U	0.52 U
206-44-0	FLUORANTHENE	ug/l	0.4 U	0.41 U	0.42 U	0.4 U
86-73-7	FLUORENE	ug/l	0.31 U	0.32 U	0.32 U	0.31 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.18 U	0.19 U	0.19 U	0.18 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.25 U	0.26 U	0.26 U	0.25 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.24 U	0.25 U	0.25 U	0.24 U
67-72-1	HEXACHLOROETHANE	ug/l	0.25 U	0.26 U	0.26 U	0.25 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.15 U	0.15 U	0.16 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.3 U	0.31 U	0.31 U	0.3 U
91-20-3	NAPHTHALENE	ug/l	0.12 U	0.12 U	540	9.6 J
98-95-3	NITROBENZENE	ug/l	0.68 U	0.7 U	0.71 U	0.69 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.2 U	0.21 U	0.21 U	0.2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.6 U	0.62 U	0.63 U	0.61 U
87-86-5	PENTACHLOROPHENOL	ug/l	1 U	1 U	1 U	1 U
85-01-8	PHENANTHRENE	ug/l	0.26 U	0.27 U	0.27 U	0.26 U
108-95-2	PHENOL	ug/l	0.21 U	0.22 U	0.22 U	0.21 U
129-00-0	PYRENE	ug/l	0.2 U	0.21 U	0.21 U	0.2 U

						Dup of MW-11B-20141217
Con Ed - White Plains		Location ID:	MW-10	MW-11A	MW-11B	MW-11B
Validated Groundwater Analytical Data		Sample ID:	MW-10-20141217	MW-11A-20141216	MW-11B-20141217	MW-111B-20141217
December 2014		Lab Sample Id:	F5163-05	F5163-06	F5163-07	F5163-10
SDG: F5163		Source:	CTECH	CTECH	CTECH	CTECH
		SDG:	F5163	F5163	F5163	F5163
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	12/17/2014 9:40	12/16/2014 13:40	12/17/2014 11:05	12/17/2014 11:05
		Validated:	2/4/2015	2/4/2015	2/4/2015	2/4/2015
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	0.4 U	0.4 U	0.4 U	0.4 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	0.31 U	0.31 U	0.31 U	0.31 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	0.38 U	0.38 U	0.38 U
75-34-3	1,1-DICHLOROETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.48 U	0.48 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	0.95 U	0.95 U	0.95 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	0.43 U	0.43 U	0.43 U	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 U	50 U	50 U	50 U
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	0.31 U	0.31 U	0.31 U	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	0.47 J	0.43 U	0.43 U	0.43 U
100-42-5	STYRENE	ug/l	1.8 J	0.36 U	0.36 U	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	0.55 J	0.37 U	0.37 U	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	0.29 U	0.29 U	0.29 U	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	0.28 U	0.28 U	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 U	0.34 U	0.34 U	0.34 U

						Dup of MW-11B-20141217
Con Ed - White Plains		Location ID:	MW-10	MW-11A	MW-11B	MW-11B
Validated Groundwater Analytical Data		Sample ID:	MW-10-20141217	MW-11A-20141216	MW-11B-20141217	MW-111B-20141217
December 2014		Lab Sample Id:	F5163-05	F5163-06	F5163-07	F5163-10
SDG: F5163		Source:	CTECH	CTECH	CTECH	CTECH
		SDG:	F5163	F5163	F5163	F5163
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	12/17/2014 9:40	12/16/2014 13:40	12/17/2014 11:05	12/17/2014 11:05
		Validated:	2/4/2015	2/4/2015	2/4/2015	2/4/2015
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.2 U	0.2 U	0.21 U	0.2 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.2 U	0.2 U	0.21 U	0.2 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.41 U	0.4 U	0.42 U	0.41 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.57 U	0.56 U	0.58 U	0.57 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.67 U	0.66 U	0.69 U	0.67 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.72 U	0.71 U	0.74 U	0.72 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.1 U	2.1 U	2.2 U	2.1 U
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1 U	1 U	1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.33 U	0.32 U	0.33 U	0.33 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
95-57-8	2-CHLOROPHENOL	ug/l	0.55 U	0.54 U	0.56 U	0.55 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.33 U	0.32 U	0.33 U	0.33 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.24 U	0.24 U	0.25 U	0.24 U
88-74-4	2-NITROANILINE	ug/l	0.5 U	0.49 U	0.51 U	0.5 U
88-75-5	2-NITROPHENOL	ug/l	0.53 U	0.52 U	0.54 U	0.53 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.39 U	0.38 U	0.4 U	0.39 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1 U	1 U	1 U	1 U
99-09-2	3-NITROANILINE	ug/l	1 U	1 U	1 U	1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.76 U	0.74 U	0.77 U	0.76 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.23 U	0.23 U	0.24 U	0.23 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.41 U	0.4 U	0.42 U	0.41 U
106-47-8	4-CHLOROANILINE	ug/l	1 U	1 U	1 U	1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.21 U	0.21 U	0.22 U	0.21 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2 U	2 U	2.1 U	2 U
83-32-9	ACENAPHTHENE	ug/l	0.21 UJ	0.21 UJ	0.22 UJ	0.21 UJ
208-96-8	ACENAPHTHYLENE	ug/l	0.71 U	0.7 U	0.73 U	0.71 U
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.14 U	0.15 U	0.14 U
120-12-7	ANTHRACENE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
1912-24-9	ATRAZINE	ug/l	0.41 U	0.4 U	0.42 U	0.41 U
100-52-7	BENZALDEHYDE	ug/l	R	R	R	R
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.14 U	0.15 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.3 U	0.29 U	0.3 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.3 U	0.29 U	0.3 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.18 U	0.18 U	0.19 U	0.18 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.19 U	0.19 U	0.2 U	0.19 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.15 U	0.15 U	0.16 U	0.15 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.56 U	0.55 U	0.57 U	0.56 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	0.56 U	0.55 U	0.57 U	0.56 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.17 U	0.17 U	0.18 U	0.17 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.16 U	0.16 U	0.17 U	0.16 U
105-60-2	CAPROLACTAM	ug/l	1 U	1 U	1 U	1 U
86-74-8	CARBAZOLE	ug/l	0.22 U	0.22 U	0.23 U	0.22 U
218-01-9	CHRYSENE	ug/l	0.18 U	0.18 U	0.19 U	0.18 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.43 U	0.42 U	0.44 U	0.43 U
132-64-9	DIBENZOFURAN	ug/l	0.24 U	0.24 U	0.25 U	0.24 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.39 U	0.38 U	0.4 U	0.39 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.22 U	0.22 U	0.23 U	0.22 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1 U	1 U	1 U	1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.52 U	0.51 U	0.53 U	0.52 U
206-44-0	FLUORANTHENE	ug/l	0.41 U	0.4 U	0.42 U	0.41 U
86-73-7	FLUORENE	ug/l	0.32 U	0.31 U	0.32 U	0.32 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.18 U	0.18 U	0.19 U	0.18 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.25 U	0.26 U	0.26 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.24 U	0.24 U	0.25 U	0.24 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.25 U	0.26 U	0.26 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.15 U	0.15 U	0.16 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.31 U	0.3 U	0.31 U	0.31 U
91-20-3	NAPHTHALENE	ug/l	0.12 U	0.12 U	0.13 U	0.12 U
98-95-3	NITROBENZENE	ug/l	0.69 U	0.68 U	0.71 U	0.69 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.2 U	0.2 U	0.21 U	0.2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.61 U	0.6 U	0.63 U	0.61 U
87-86-5	PENTACHLOROPHENOL	ug/l	1 U	1 U	1 U	1 U
85-01-8	PHENANTHRENE	ug/l	0.27 U	0.26 U	0.27 U	0.27 U
108-95-2	PHENOL	ug/l	0.21 U	0.21 U	0.22 U	0.21 U
129-00-0	PYRENE	ug/l	0.2 U	0.2 U	0.21 U	0.2 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-11C MW-11C-20141216 F5163-11 CTECH F5163 WATER 12/16/2014 14:30 2/4/2015	MW-12A MW-12A-20141218 F5163-12 CTECH F5163 WATER 12/18/2014 9:50 2/4/2015	MW-12B MW-12B-20141218 F5163-13 CTECH F5163 WATER 12/18/2014 10:55 2/4/2015	MW-13 MW-13-20141217 F5163-14 CTECH F5163 WATER 12/17/2014 13:45 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	4 U	0.4 U	0.4 U	0.4 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	3.1 U	0.31 U	0.31 U	0.31 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	4.5 U	0.45 U	0.45 U	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	3.8 U	0.38 U	0.38 U	0.38 U
75-34-3	1,1-DICHLOROETHANE	ug/l	3.6 U	0.36 U	0.36 U	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	4.7 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	2 U	0.2 U	0.2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	4.6 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE	ug/l	4.1 U	0.41 U	0.41 U	0.41 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	4.5 U	0.45 U	0.45 U	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	4.8 U	0.48 U	0.48 U	3.2 J
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	1600	0.95 U	0.95 U	1.2 J
78-87-5	1,2-DICHLOROPROPANE	ug/l	4.6 U	0.46 U	0.46 U	0.46 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	4.3 U	0.43 U	0.43 U	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	3.2 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	500 U	50 U	50 U	50 U
591-78-6	2-HEXANONE	ug/l	19.4 U	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	5 U	0.5 U	0.5 U	0.5 U
71-43-2	BENZENE	ug/l	3.2 U	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2 U	0.2 U	0.2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	3.6 U	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	4.7 U	0.47 U	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	2 U	0.2 U	0.2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	2 U	0.2 U	0.2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	2 U	0.2 U	0.2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	4.9 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	2 U	0.2 U	0.2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	3.4 U	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	2 U	0.2 U	0.2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	3.5 U	0.35 U	0.35 U	0.35 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	3.1 U	0.31 U	0.31 U	0.31 U
110-82-7	CYCLOHEXANE	ug/l	49.5 J	0.2 U	0.2 U	0.2 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	2 U	0.2 U	0.2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	2 U	0.2 U	0.2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	170	0.2 U	0.2 U	0.26 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	17.2 J	0.45 U	0.45 U	0.45 U
79-20-9	METHYL ACETATE	ug/l	2 U	0.2 U	0.2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	13.2 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	21 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	60.8	0.2 U	0.2 U	0.2 U
75-09-2	METHYLENE CHLORIDE	ug/l	4.1 U	0.41 U	0.41 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	760	0.43 U	0.43 U	0.51 J
100-42-5	STYRENE	ug/l	450	0.36 U	0.36 U	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	3.5 U	0.35 U	0.35 U	320
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	2.7 U	0.27 U	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	3.7 U	0.37 U	0.37 U	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	4.1 U	0.41 U	0.41 U	0.41 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	2.9 U	0.29 U	0.29 U	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	2.8 U	0.28 U	0.28 U	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	3.5 U	0.35 U	0.35 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	3.4 U	0.34 U	0.34 U	0.34 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-11C MW-11C-20141216 F5163-11 CTECH F5163 WATER 12/16/2014 14:30 2/4/2015	MW-12A MW-12A-20141218 F5163-12 CTECH F5163 WATER 12/18/2014 9:50 2/4/2015	MW-12B MW-12B-20141218 F5163-13 CTECH F5163 WATER 12/18/2014 10:55 2/4/2015	MW-13 MW-13-20141217 F5163-14 CTECH F5163 WATER 12/17/2014 13:45 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.2 U	0.2 U	0.21 U	0.2 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.2 U	0.2 U	0.21 U	0.2 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.4 U	0.4 U	0.41 U	0.41 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.57 U	0.56 U	0.58 U	0.57 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.67 U	0.66 U	0.68 U	0.67 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.72 U	0.71 U	0.73 U	0.72 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.1 U	2.1 U	2.2 U	2.1 U
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1 U	1 U	1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.32 U	0.32 U	0.33 U	0.33 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U
95-57-8	2-CHLOROPHENOL	ug/l	0.55 U	0.54 U	0.56 U	0.55 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	620	0.32 U	0.33 U	0.33 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.24 U	0.24 U	0.25 U	0.24 U
88-74-4	2-NITROANILINE	ug/l	0.49 U	0.49 U	0.51 U	0.5 U
88-75-5	2-NITROPHENOL	ug/l	0.53 U	0.52 U	0.54 U	0.53 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.38 U	0.38 U	0.39 U	0.39 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1 U	1 U	1 U	1 U
99-09-2	3-NITROANILINE	ug/l	1 U	1 U	1 U	1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.75 U	0.74 U	0.76 U	0.76 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.23 U	0.23 U	0.24 U	0.23 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.4 U	0.4 U	0.41 U	0.41 U
106-47-8	4-CHLOROANILINE	ug/l	1 U	1 U	1 U	1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.21 U	0.21 U	0.22 U	0.21 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2 U	2 U	2.1 U	2 U
83-32-9	ACENAPHTHENE	ug/l	14.8 J	0.21 UJ	0.22 UJ	0.21 UJ
208-96-8	ACENAPHTHYLENE	ug/l	72.7	0.7 U	0.72 U	0.71 U
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.14 U	0.14 U	0.14 U
120-12-7	ANTHRACENE	ug/l	3.6 J	0.16 U	0.16 U	0.16 U
1912-24-9	ATRAZINE	ug/l	0.4 U	0.4 U	0.41 U	0.41 U
100-52-7	BENZALDEHYDE	ug/l	R	R	R	R
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.14 U	0.14 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.29 U	0.29 U	0.3 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.29 U	0.29 U	0.3 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.18 U	0.18 U	0.19 U	0.18 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.19 U	0.19 U	0.2 U	0.19 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	54	0.15 U	0.15 U	0.15 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.56 U	0.55 U	0.57 U	0.56 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	0.56 U	0.55 U	0.57 U	0.56 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.17 U	0.17 U	0.18 U	0.17 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U
105-60-2	CAPROLACTAM	ug/l	1 U	1 U	1 U	1 U
86-74-8	CARBAZOLE	ug/l	7.1 J	0.22 U	0.23 U	0.22 U
218-01-9	CHRYSENE	ug/l	0.18 U	0.18 U	0.19 U	0.18 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.42 U	0.42 U	0.43 U	0.43 U
132-64-9	DIBENZOFURAN	ug/l	3.2 J	0.24 U	0.25 U	0.24 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.38 U	0.38 U	0.39 U	0.39 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.22 U	0.22 U	0.23 U	0.22 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1 U	1 U	1 U	1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.52 U	0.51 U	0.53 U	0.52 U
206-44-0	FLUORANTHENE	ug/l	0.4 U	0.4 U	0.41 U	0.41 U
86-73-7	FLUORENE	ug/l	41	0.31 U	0.32 U	0.32 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.18 U	0.18 U	0.19 U	0.18 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.25 U	0.25 U	0.26 U	0.26 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.24 U	0.24 U	0.25 U	0.24 U
67-72-1	HEXACHLOROETHANE	ug/l	0.25 U	0.25 U	0.26 U	0.26 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.15 U	0.15 U	0.15 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.3 U	0.3 U	0.31 U	0.31 U
91-20-3	NAPHTHALENE	ug/l	8700	0.12 U	0.12 U	0.12 U
98-95-3	NITROBENZENE	ug/l	0.69 U	0.68 U	0.7 U	0.69 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.2 U	0.2 U	0.21 U	0.2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.61 U	0.6 U	0.62 U	0.61 U
87-86-5	PENTACHLOROPHENOL	ug/l	1 U	1 U	1 U	1 U
85-01-8	PHENANTHRENE	ug/l	35.7	0.26 U	0.27 U	0.27 U
108-95-2	PHENOL	ug/l	0.21 U	0.21 U	0.22 U	0.21 U
129-00-0	PYRENE	ug/l	2.2 J	0.2 U	0.21 U	0.2 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-14 MW-14-20141217 F5163-15 CTECH F5163 WATER 12/17/2014 14:30 2/4/2015	MW-15 MW-15-20141216 F5163-16 CTECH F5163 WATER 12/16/2014 13:40 2/4/2015	MW-16 MW-16-20141215 F5163-17 CTECH F5163 WATER 12/15/2014 16:20 2/4/2015	MW-17 MW-17-20141215 F5163-18 CTECH F5163 WATER 12/15/2014 15:15 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	4 U	0.4 U	4 U	0.4 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	3.1 U	0.31 U	3.1 U	0.31 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	4.5 U	0.45 U	4.5 U	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	3.8 U	0.38 U	3.8 U	0.38 U
75-34-3	1,1-DICHLOROETHANE	ug/l	3.6 U	0.36 U	3.6 U	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	4.7 U	0.47 U	4.7 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	2 U	0.2 U	2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	2 U	0.2 U	2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	4.6 U	0.46 U	4.6 U	0.46 U
106-93-4	1,2-DIBROMOETHANE	ug/l	4.1 U	0.41 U	4.1 U	0.41 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	4.5 U	0.45 U	4.5 U	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	4.8 U	1.8 J	4.8 U	0.48 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	1500	62.9	710	0.95 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	4.6 U	0.46 U	4.6 U	0.46 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	4.3 U	0.43 U	4.3 U	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	3.2 U	0.32 U	3.2 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	500 U	50 U	500 U	50 U
591-78-6	2-HEXANONE	ug/l	19.4 U	1.9 U	19.4 U	1.9 U
67-64-1	ACETONE	ug/l	5 U	0.5 U	5 U	0.5 U
71-43-2	BENZENE	ug/l	3.2 U	5.9	250	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2 U	0.2 U	2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	3.6 U	0.36 U	3.6 U	0.36 U
75-25-2	BROMOFORM	ug/l	4.7 U	0.47 U	4.7 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	2 U	0.2 U	2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	2 U	0.2 U	2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	2 U	0.2 U	2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	4.9 U	0.49 U	4.9 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	2 U	0.2 U	2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	3.4 U	0.34 U	3.4 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	2 U	0.2 U	2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	3.5 U	0.35 U	3.5 U	0.35 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	3.1 U	0.31 U	3.1 U	0.31 U
110-82-7	CYCLOHEXANE	ug/l	2 U	0.2 U	2 U	0.2 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	2 U	0.2 U	2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	2 U	0.2 U	2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	230	21.8	200	0.2 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	5.7 J	0.73 J	10.7 J	0.45 U
79-20-9	METHYL ACETATE	ug/l	2 U	0.2 U	2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	13.2 U	1.3 U	13.2 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	21 U	2.1 U	21 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	27.4 J	2.1 J	25 J	0.2 U
75-09-2	METHYLENE CHLORIDE	ug/l	4.1 U	0.41 U	4.1 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	700	57.2	790	0.43 U
100-42-5	STYRENE	ug/l	2100	140	830	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	3.5 U	34.6	3.5 U	0.35 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	2.7 U	0.27 U	2.7 U	0.27 U
108-88-3	TOLUENE	ug/l	2000	180	1600	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	4.1 U	0.41 U	4.1 U	0.41 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	2.9 U	0.29 U	2.9 U	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	2.8 U	0.28 U	2.8 U	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	3.5 U	0.35 U	3.5 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	3.4 U	0.34 U	3.4 U	0.34 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-14 MW-14-20141217 F5163-15 CTECH F5163 WATER 12/17/2014 14:30 2/4/2015	MW-15 MW-15-20141216 F5163-16 CTECH F5163 WATER 12/16/2014 13:40 2/4/2015	MW-16 MW-16-20141215 F5163-17 CTECH F5163 WATER 12/15/2014 16:20 2/4/2015	MW-17 MW-17-20141215 F5163-18 CTECH F5163 WATER 12/15/2014 15:15 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.21 U	0.2 U	0.2 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 U	0.21 U	0.2 U	0.2 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.42 U	0.41 U	0.4 U	0.41 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.58 U	0.58 U	0.57 U	0.57 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.69 U	0.68 U	0.67 U	0.67 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.74 U	0.73 U	0.72 U	0.72 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 U	2.2 U	2.1 U	2.1 U
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1 U	1 U	1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.33 U	0.33 U	0.32 U	0.33 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
95-57-8	2-CHLOROPHENOL	ug/l	0.56 U	0.56 U	0.55 U	0.55 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	330	4 J	230	0.33 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.25 U	0.24 U	0.24 U
88-74-4	2-NITROANILINE	ug/l	0.51 U	0.51 U	0.49 U	0.5 U
88-75-5	2-NITROPHENOL	ug/l	0.54 U	0.54 U	0.53 U	0.53 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.4 U	0.39 U	0.38 U	0.39 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1 U	1 U	1 U	1 U
99-09-2	3-NITROANILINE	ug/l	1 U	1 U	1 U	1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.77 U	0.76 U	0.75 U	0.76 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.24 U	0.23 U	0.23 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.42 U	0.41 U	0.4 U	0.41 U
106-47-8	4-CHLOROANILINE	ug/l	1 U	1 U	1 U	1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.22 U	0.21 U	0.21 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2.1 U	2.1 U	2 U	2 U
83-32-9	ACENAPHTHENE	ug/l	9.6 J	2.6 J	8.5 J	0.21 UJ
208-96-8	ACENAPHTHYLENE	ug/l	200	14.8	46.8	0.71 U
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.14 U	0.14 U	0.14 U
120-12-7	ANTHRACENE	ug/l	3.7 J	0.16 U	2.5 J	0.16 U
1912-24-9	ATRAZINE	ug/l	0.42 U	0.41 U	0.4 U	0.41 U
100-52-7	BENZALDEHYDE	ug/l	R	R	R	R
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.15 U	0.14 U	0.14 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.3 U	0.3 U	0.29 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.3 U	0.3 U	0.29 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.19 U	0.18 U	0.18 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 U	0.2 U	0.19 U	0.19 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	30.5	0.15 U	29.5	0.15 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.57 U	0.57 U	0.56 U	0.56 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	0.57 U	0.57 U	0.56 U	0.56 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.18 U	0.17 U	0.17 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
105-60-2	CAPROLACTAM	ug/l	1 U	1 U	1 U	1 U
86-74-8	CARBAZOLE	ug/l	2.6 J	0.23 U	4.1 J	0.22 U
218-01-9	CHRYSENE	ug/l	0.19 U	0.19 U	0.18 U	0.18 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.44 U	0.43 U	0.42 U	0.43 U
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.25 U	0.24 U	0.24 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.4 U	0.39 U	0.38 U	0.39 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 U	0.23 U	0.22 U	0.22 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1 U	1 U	1 U	1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.53 U	0.53 U	0.52 U	0.52 U
206-44-0	FLUORANTHENE	ug/l	0.42 U	0.41 U	0.4 U	0.41 U
86-73-7	FLUORENE	ug/l	23.5	0.32 U	0.31 U	0.32 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.19 U	0.18 U	0.18 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.26 U	0.25 U	0.26 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.25 U	0.24 U	0.24 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.26 U	0.25 U	0.26 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.16 U	0.15 U	0.15 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.31 U	0.31 U	0.3 U	0.31 U
91-20-3	NAPHTHALENE	ug/l	4000	140	4800	0.12 U
98-95-3	NITROBENZENE	ug/l	0.71 U	0.7 U	0.69 U	0.69 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.21 U	0.2 U	0.2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.63 U	0.62 U	0.61 U	0.61 U
87-86-5	PENTACHLOROPHENOL	ug/l	1 U	1 U	1 U	1 U
85-01-8	PHENANTHRENE	ug/l	29.6	0.27 U	21	0.27 U
108-95-2	PHENOL	ug/l	0.22 U	0.22 U	0.21 U	0.21 U
129-00-0	PYRENE	ug/l	0.21 U	0.21 U	0.2 U	0.2 U

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CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	0.4 U	0.4 U	0.4 U	0.4 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	0.31 U	0.31 U	0.31 U	0.31 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	0.38 U	0.38 U	0.38 U
75-34-3	1,1-DICHLOROETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	0.45 U	0.45 U	0.45 U	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.48 U	0.48 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	3.2 J	0.95 U	0.95 U	1.3 J
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	0.43 U	0.43 U	0.43 U	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 U	50 U	50 U	50 U
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	BENZENE	ug/l	30.2	0.32 U	0.32 U	52.6
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 U	0.47 U	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	0.31 U	0.31 U	0.31 U	0.31 U
110-82-7	CYCLOHEXANE	ug/l	4.1 J	0.2 U	0.2 U	4.1 J
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	1.9 J	0.2 U	0.2 U	2.5 J
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	2.3 J	0.45 U	0.45 U	1.9 J
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	3.3 J	0.2 U	0.2 U	1.2 J
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	55.8	0.43 U	0.43 U	3.3 J
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	5.6	0.35 U	0.35 U	0.35 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	4.7 J	0.37 U	0.37 U	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	0.29 U	0.29 U	0.29 U	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	0.28 U	0.28 U	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 U	0.34 U	0.34 U	0.34 U

Con Ed - White Plains Validated Groundwater Analytical Data December 2014 SDG: F5163		Location ID: Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-18 MW-18-20141216 F5163-19 CTECH F5163 WATER 12/16/2014 11:30 2/4/2015	MW-19 MW-19-20141215 F5163-20 CTECH F5163 WATER 12/15/2014 13:15 2/4/2015	MW-20 MW-20-20141216 F5163-21 CTECH F5163 WATER 12/16/2014 10:55 2/4/2015	MW-101 MW-101-20141215 F5163-22 CTECH F5163 WATER 12/15/2014 10:05 2/4/2015
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.2 U	0.2 U	0.2 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 U	0.2 U	0.2 U	0.2 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.42 U	0.4 U	0.4 U	0.41 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.58 U	0.56 U	0.57 U	0.57 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.69 U	0.66 U	0.67 U	0.67 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.74 U	0.71 U	0.72 U	0.72 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 U	2.1 U	2.1 U	2.1 U
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1 U	1 U	1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.33 U	0.32 U	0.32 U	0.33 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
95-57-8	2-CHLOROPHENOL	ug/l	0.56 U	0.54 U	0.55 U	0.55 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.33 U	0.32 U	0.32 U	0.33 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.24 U	0.24 U	0.24 U
88-74-4	2-NITROANILINE	ug/l	0.51 U	0.49 U	0.49 U	0.5 U
88-75-5	2-NITROPHENOL	ug/l	0.54 U	0.52 U	0.53 U	0.53 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.4 U	0.38 U	0.38 U	0.39 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1 U	1 U	1 U	1 U
99-09-2	3-NITROANILINE	ug/l	1 U	1 U	1 U	1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.77 U	0.74 U	0.75 U	0.76 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.23 U	0.23 U	0.23 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.42 U	0.4 U	0.4 U	0.41 U
106-47-8	4-CHLOROANILINE	ug/l	1 U	1 U	1 U	1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.21 U	0.21 U	0.21 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2.1 U	2 U	2 U	2 U
83-32-9	ACENAPHTHENE	ug/l	3.5 J	0.21 UJ	0.21 UJ	23.8 J
208-96-8	ACENAPHTHYLENE	ug/l	15.1	0.7 U	0.71 U	0.71 U
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.14 U	0.14 U	0.14 U
120-12-7	ANTHRACENE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
1912-24-9	ATRAZINE	ug/l	0.42 U	0.4 U	0.4 U	0.41 U
100-52-7	BENZALDEHYDE	ug/l	R	R	R	R
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.15 U	0.14 U	0.14 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.3 U	0.29 U	0.29 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.3 U	0.29 U	0.29 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.18 U	0.18 U	0.18 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 U	0.19 U	0.19 U	0.19 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	2.3 J	0.15 U	0.15 U	0.15 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.57 U	0.55 U	0.56 U	0.56 U
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	0.57 U	0.55 U	0.56 U	0.56 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.17 U	0.17 U	0.17 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 U	0.16 U	0.16 U	0.16 U
105-60-2	CAPROLACTAM	ug/l	1 U	1 U	1 U	1 U
86-74-8	CARBAZOLE	ug/l	0.23 U	0.22 U	0.22 U	0.22 U
218-01-9	CHRYSENE	ug/l	0.19 U	0.18 U	0.18 U	0.18 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.44 U	0.42 U	0.42 U	0.43 U
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.24 U	0.24 U	0.24 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.4 U	0.38 U	0.38 U	0.39 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 U	0.22 U	0.22 U	10.2 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1 U	1 U	1 U	1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.53 U	0.51 U	0.52 U	0.52 U
206-44-0	FLUORANTHENE	ug/l	0.42 U	0.4 U	0.4 U	0.41 U
86-73-7	FLUORENE	ug/l	0.32 U	0.31 U	0.31 U	2.4 J
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.18 U	0.18 U	0.18 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.25 U	0.25 U	0.26 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.24 U	0.24 U	0.24 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.25 U	0.25 U	0.26 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.16 U	0.15 U	0.15 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.31 U	0.3 U	0.3 U	0.31 U
91-20-3	NAPHTHALENE	ug/l	140	0.12 U	0.12 U	18.3
98-95-3	NITROBENZENE	ug/l	0.71 U	0.68 U	0.69 U	0.69 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.2 U	0.2 U	0.2 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.63 U	0.6 U	0.61 U	0.61 U
87-86-5	PENTACHLOROPHENOL	ug/l	1 U	1 U	1 U	1 U
85-01-8	PHENANTHRENE	ug/l	0.27 U	0.26 U	0.26 U	0.27 U
108-95-2	PHENOL	ug/l	0.22 U	0.21 U	0.21 U	2.8 J
129-00-0	PYRENE	ug/l	0.21 U	0.2 U	0.2 U	0.2 U

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CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	0.4 U	0.4 U
79-34-5	1,1,2,2-TETRACHLOROETHANE	ug/l	0.31 U	0.31 U
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	0.45 U	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	0.38 U
75-34-3	1,1-DICHLOROETHANE	ug/l	0.36 U	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE	ug/l	0.41 U	0.41 U
95-50-1	1,2-DICHLOROBENZENE	ug/l	0.45 U	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	0.95 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	0.46 U
541-73-1	1,3-DICHLOROBENZENE	ug/l	0.43 U	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 U	50 U
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	0.5 U	0.5 U
71-43-2	BENZENE	ug/l	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	0.35 U
10061-01-5	CIS-1,3-DICHLOROPROPENE	ug/l	0.31 U	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.2 U	0.2 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.2 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE	ug/l	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.2 U	0.2 U
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	0.43 U	0.43 U
100-42-5	STYRENE	ug/l	0.36 U	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	0.37 U	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	0.41 U
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	0.29 U	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	0.35 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 U	0.34 U

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CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.2 U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.2 U	
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.4 U	
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.57 U	
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.67 U	
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.72 U	
51-28-5	2,4-DINITROPHENOL	ug/l	2.1 U	
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	
606-20-2	2,6-DINITROTOLUENE	ug/l	0.32 U	
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	
95-57-8	2-CHLOROPHENOL	ug/l	0.55 U	
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.32 U	
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.24 U	
88-74-4	2-NITROANILINE	ug/l	0.49 U	
88-75-5	2-NITROPHENOL	ug/l	0.53 U	
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.38 U	
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	1 U	
99-09-2	3-NITROANILINE	ug/l	1 U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.75 U	
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.23 U	
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.4 U	
106-47-8	4-CHLOROANILINE	ug/l	1 U	
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.21 U	
100-01-6	4-NITROANILINE	ug/l	1.4 U	
100-02-7	4-NITROPHENOL	ug/l	2 U	
83-32-9	ACENAPHTHENE	ug/l	0.21 UJ	
208-96-8	ACENAPHTHYLENE	ug/l	0.71 U	
98-86-2	ACETOPHENONE	ug/l	2.4 J	
120-12-7	ANTHRACENE	ug/l	0.16 U	
1912-24-9	ATRAZINE	ug/l	0.4 U	
100-52-7	BENZALDEHYDE	ug/l	3.3 J	
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.29 U	
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.29 U	
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.18 U	
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.19 U	
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.15 U	
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.56 U	
111-44-4	BIS(2-CHLOROETHYL) ETHER	ug/l	0.56 U	
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.17 U	
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.16 U	
105-60-2	CAPROLACTAM	ug/l	1 U	
86-74-8	CARBAZOLE	ug/l	0.22 U	
218-01-9	CHRYSENE	ug/l	0.18 U	
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.42 U	
132-64-9	DIBENZOFURAN	ug/l	0.24 U	
84-66-2	DIETHYL PHTHALATE	ug/l	0.38 U	
131-11-3	DIMETHYL PHTHALATE	ug/l	2.2 J	
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	1 U	
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.52 U	
206-44-0	FLUORANTHENE	ug/l	0.4 U	
86-73-7	FLUORENE	ug/l	0.31 U	
118-74-1	HEXACHLOROBENZENE	ug/l	0.18 U	
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.25 U	
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.24 U	
67-72-1	HEXACHLOROETHANE	ug/l	0.25 U	
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.15 U	
78-59-1	ISOPHORONE	ug/l	0.3 U	
91-20-3	NAPHTHALENE	ug/l	0.12 U	
98-95-3	NITROBENZENE	ug/l	0.69 U	
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.2 U	
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.61 U	
87-86-5	PENTACHLOROPHENOL	ug/l	1 U	
85-01-8	PHENANTHRENE	ug/l	0.26 U	
108-95-2	PHENOL	ug/l	0.21 U	
129-00-0	PYRENE	ug/l	0.2 U	