



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

April 12, 2013

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 2012 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) serves to summarize the December 2012 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 11 through December 14, 2012. 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 twenty (20) monitoring wells (MW-6 through MW-10, MW-11A, MW-11B, MW-11C, MW-12A, MW-12B, MW-12C, MW-13 through MW-20, and MW-101). 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).

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) as per 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) newly installed and existing monitoring well locations were measured utilizing an oil/water interface probe on December 11, 2012. In addition, the Site's four (4) piezometers and seven (7) recovery wells were also gauged during this event but not sampled. Groundwater was encountered in the monitoring wells at elevations ranging from 176.40 (MW-18) to 184.50 (MW-6) 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 from northeast towards southwest.

Waste Management

Generated 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 2012 Groundwater Sampling - Field Observations

No NAPL was observed within the monitoring wells sampled during the December 2012 groundwater sampling event with the exception of MW-12C which exhibited 0.55 ft of NAPL (see [Tables 1A and 1B](#)). NAPL was also detected on the tip of the interface

probe during gauging of recovery wells RW-3 and RW-4 within the OU-2 portion of the Site. Hydrocarbon odors were noted during the purging of MW-11C, MW-12C, MW-14, MW-16, and MW-101. Sheens and NAPL was observed during the purging of monitoring well MW-12C. No sheens were observed during purging of any of the other wells sampled during this event. Purge water observations recorded during sampling are documented on the Groundwater Sampling Records provided in [Attachment 1](#).

ANALYTICAL RESULTS

Groundwater Sampling 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. [Figures 3 and 4](#) present a summary of total BTEX, total VOC, total PAH, and total SVOC concentrations detected in groundwater samples collected during the December 2012 semi-annual groundwater sampling event. Field measurements and observations as well as analytical results from the groundwater investigation are summarized below.

VOCs

A total of fifteen (15) VOCs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, ten (10) VOCs (chloroform, isopropylbenzene, styrene, tert-butyl methyl ether, tetrachloroethylene, benzene, ethylbenzene, toluene, o-xylene, and m/p-xylene) were detected at concentrations exceeding their AWQSGVs. Chloroform was detected above its AWQSGV in monitoring well MW-12B. Isopropylbenzene was detected above its AWQSGV in five (5) monitoring wells (MW-8, MW-11C, MW-12C, MW-14, and MW-16). Styrene was detected above its AWQSGV in six (6) monitoring wells (MW-9, MW-11C, MW-12C, MW-14, MW-15, and MW-16). Tert-butyl methyl ether was detected above its AWQSGV in three (3) monitoring wells (MW-13, MW-14, and MW-15). Tetrachloroethylene was detected above its AWQSGV in monitoring well MW-11C. Benzene was detected above its AWQSGV in five (5) monitoring wells (MW-12C, MW-14, MW-16, MW-18, and MW-101). Ethylbenzene was detected above its AWQSGV in seven (7) monitoring wells (MW-9, MW-11C, MW-12C, MW-14, MW-15, MW-16, and MW-101). Toluene was detected above its AWQSGV in five (5) monitoring wells (MW-9, MW-12C, MW-14, MW-15, and MW-16). O-xylene was detected above its AWQSGV in seven (7) monitoring wells (MW-9, MW-11C, MW-12C, MW-14,

MW-15, MW-16, and MW-18). M/P-xylene was detected above its AWQSGV in seven (7) monitoring wells (MW-8, MW-9, MW-11C, MW-12C, MW-14, MW-15, and MW-16). CVOC 1,2-dichloroethane was detected above its AWQSGV in monitoring wells MW-9, MW-14, MW-15, and MW-18. CVOCs are not MGP-related compounds and are not associated with operations of the former manufactured gas plant site.

No other VOCs were detected above their AWQSGVs in any of the sampled monitoring wells. No VOCs were detected above AWQSGVs in nine (9) monitoring wells (MW-6, MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-17, MW-19, and MW-20). Groundwater VOC analytical results are summarized in [Table 2](#) and on [Figure 3](#).

SVOCs

A total of three (3) SVOCs and seventeen (17) PAHs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Biphenyl (diphenyl) was detected above its AWQSGV in four (4) monitoring wells (MW-11C, MW-12C, MW-14, and MW-16). Acenaphthene was detected above its AWQSGV in monitoring wells MW-12C and MW-101. Naphthalene was detected above its AWQSGV in eight (8) monitoring wells (MW-8, MW-9, MW-101, MW-11C, MW-12C, MW-14, MW-15, and MW-16). Monitoring well MW-12C also exhibited concentrations exceeding AWQSGVs for fourteen (14) PAH analytes (acenaphthene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, fluorene, indeno(1,2,3-c,d)pyrene, naphthalene, phenanthrene, and pyrene).

No other SVOCs were detected above the AWQSGVs in any of the monitoring wells. No SVOCs were detected above AWQSGVs in twelve (12) monitoring wells (MW-6, MW-7, MW-10, MW-11A, MW-11B, MW-12A, MW-12B, MW-13, MW-17, MW-18, 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 2012 generally indicate consistency with data obtained during previous groundwater sampling events conducted at the Site. BTEX continues to be present in the groundwater with the exception of 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. Increased BTEX concentrations have been exhibited in monitoring wells MW-11C, MW-12C, MW-14, MW-16, and MW-18. Monitoring wells MW-9, MW-15 and MW-101 exhibited a reduction in BTEX concentrations. BTEX concentrations generally remained consistent at MW-8 and MW-11A.

SVOCs continue to be present in the groundwater with the exception of 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. Total PAHs and total SVOCs concentrations have increased in monitoring wells MW-8, MW-12C, MW-14, and MW-16. Monitoring wells MW-9, MW-11C, MW-15, and MW-101 exhibited a reduction in SVOC concentrations. SVOC and PAH concentrations generally remained consistent at MW-18.

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 2012 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. Previous reports recommended that the semi-annual groundwater sampling continue through the end of 2012 to conclude that the layer of clean groundwater beneath the St. John's Church property portion of the Site continues to be present.

Based on the analytical results from the last four semi-annual groundwater sampling events, it is recommended that the semi-annual groundwater monitoring at the Site continue as per the SMP, with the following exceptions:

- Collect a comprehensive round of groundwater levels from all the accessible monitoring wells, recovery wells and piezometers;
- Conduct semi-annual groundwater monitoring in accordance with the SMP at monitoring wells MW-8, MW-9, MW-10, MW-11A, MW-11B, MW-11C, MW-

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12A, MW-12B, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18 and MW-101;

- Conduct annual groundwater monitoring at monitoring wells MW-6, MW-7, MW-19 and MW-20 consistent with the requirements of the SMP, and
- Gauge monitoring well MW-12C to determine the presence and thickness of NAPL. Should NAPL not be present, this monitoring well will be sampled as part of the semi-annual groundwater monitoring for the Site.

The change in sampling frequency (i.e., from semi-annual to annual) in monitoring wells MW-6, MW-7, MW-19 and MW-20 is recommended because laboratory analytical results for BTEX, Total VOCs, Total PAHs, and Total SVOCs have been consistently below laboratory detection limits (i.e., non-detect) for the past four groundwater sampling events.

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	TOC Elevation	DTW	DTW Elevation	DTP	Screen Interval	DTB
MW-2	190.54	No longer exists				
MW-4	194.92	Unable to locate				
MW-5	189.12	No longer exists				
MW-6	187.82	3.32	184.50	ND	5 - 15	16.05
MW-7	189.51	9.33	180.18	ND	7 - 17	16.10
MW-8	202.08	23.64	178.44	ND	20 - 40	39.50
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	25.69	178.91	ND	16 - 51	49.55
RW-2	200.05	22.85	177.20	ND	18 - 48	44.35
RW-3	203.60	25.17	178.43	Product on tip of probe	20 - 50	49.95
RW-4	200.90	23.76	177.14	Product on tip of probe	17 - 57	52.80
RW-5	200.04	22.77	177.27	ND	14 - 54	50.90
RW-6	203.55	24.96	178.59	ND	19 - 49	48.85
RW-7	203.97	23.80	180.17	ND	17.5 - 47.5	45.55
PZ-1	203.63	24.90	178.73	ND	15 - 35	36.53
PZ-2	203.59	24.78	178.81	ND	15 - 35	35.45
PZ-3	200.21	24.00	176.21	ND	15 - 35	33.90
PZ-4	200.14	24.05	176.09	ND	15 - 35	34.67
MW-101	203.07	25.70	177.37	ND	NA	61.1

Notes:

ND = Not Detected
NA = Not Applicable
TOC = Top of Casing
DTW = Depth to Water
DTP = Depth to Product
DTB = Depth to Bottom

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

Well ID	TOC Elevation	DTW	DTW Elevation	DTP	Screen Interval	DTB
MW-10	198.45	21.29	177.16	ND	52 - 62	49.78
MW-11A	201.82	24.58	177.24	ND	40 - 50	26.78
MW-11B	201.97	24.81	177.16	ND	22 - 27	35.95
MW-11C	201.74	24.65	177.09	ND	31 - 36	49.75
MW-12A	205.13	27.85	177.28	ND	40 - 50	30.60
MW-12B	204.96	27.84	177.12	ND	21 - 36	44.50
MW-12C	205.14	27.97	177.21	59.50	38 - 45	60.05
MW-13	204.84	27.97	176.87	ND	50 - 60	64.6
MW-14	205.00	28.26	176.74	ND	55 - 65	64.50
MW-15	207.60	31.02	176.58	ND	55 - 65	66.60
MW-16	205.96	29.15	176.81	ND	57 - 67	64.40
MW-17	204.95	28.09	176.86	ND	55 - 65	49.90
MW-9	207.34	30.69	176.65	ND	38 - 50	62.15
MW-18	208.9	32.50	176.40	ND	60 - 70	71.83
MW-19	188.24	9.24	179.00	ND	5 - 20	20.15
MW-20	191.58	14.89	176.69	ND	5 - 20	20.1

Notes:

ND = Not Detected

NA = Not Applicable

TOC = Top of Casing

DTW = Depth to Water

DTP = Depth to Product

DTB = Depth to Bottom

Table 2
 Summary of Laboratory Groundwater Analytical Results
 December 2012 Semi Annual - White Plains Former MGP Site
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Con Ed - White Plains Validated Groundwater Analytical Data Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Sample ID: Lab Sample ID Source: SDG: Matrix: Sampled: Validated:	MW-6	MW-7	Dup of MW-7 MW-17A	MW-8	MW-9	MW-10	MW-101	MW-11A
CAS NO.	COMPOUND			D5192-02	D5192-03	D5192-04	D5192-19	D5192-17	D5192-12	D5192-21	D5192-11
			CTECH D5192 WATER 12/11/2012 11:50 1/28/2013	CTECH D5192 WATER 12/11/2012 12:45 1/28/2013	CTECH D5192 WATER 12/11/2012 12:50 1/28/2013	CTECH D5192 WATER 12/13/2012 9:45 1/28/2013	CTECH D5192 WATER 12/13/2012 8:40 1/28/2013	CTECH D5192 WATER 12/12/2012 11:00 1/28/2013	CTECH D5192 WATER 12/13/2012 12:45 1/28/2013	CTECH D5192 WATER 12/12/2012 9:05 1/28/2013	
	VOLATILES		UNITS:								
67-66-3	CHLOROFORM	7	ug/l	ND	ND	ND	ND	0.52 J	ND	ND	ND
110-82-7	CYCLOHEXANE	--	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
123-91-1	1,4-DIOXANE (P-DIOXANE)	--	ug/l	ND	ND	ND	ND	120	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	ND	ND	7.9	0.45 J	ND	2.5 J	ND
79-20-9	METHYL ACETATE	--	ug/l	ND	ND	ND	1.7 J	1.9 J	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	ug/l	ND	ND	ND	2.8 J	ND	ND	3.1 J	ND
100-42-5	STYRENE	5	ug/l	ND	ND	ND	ND	8.3	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10	ug/l	ND	ND	ND	ND	1.7 J	0.84 J	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	ND	0.47 J	ND	ND	ND	ND
	BTEX										
71-43-2	BENZENE	1	ug/l	ND	ND	ND	ND	ND	ND	120	ND
100-41-4	ETHYLBENZENE	5	ug/l	ND	ND	ND	2.1 J	5.4	ND	13	ND
108-88-3	TOLUENE	5	ug/l	ND	ND	ND	ND	19	ND	0.58 J	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	5	ug/l	ND	ND	ND	6 J	13	ND	1.8 J	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	ND	ND	2.2 J	16	ND	3.8 J	ND
	CVOCs										
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	1.4 J	ND	ND	ND
	SEMIVOLATILES										
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/l	ND	ND	ND	ND	ND	ND	5.8 J	ND
132-64-9	DIBENZOFURAN	--	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
	PAHs										
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	ND	ND	9.1 J	ND	ND	46.8	ND
208-96-8	ACENAPHTHYLENE	--	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	--	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	8.7 J	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	ug/l	ND	ND	ND	27.2	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND	ND	730	21.2	ND	29.7	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
	Total PAHs			ND	ND	ND	766.3	21.2	ND	85.2	ND
	Total SVOCs			ND	ND	ND	766.3	21.2	ND	91	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 2012 Semi Annual - White Plains Former MGP Site
 Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Sample ID: Lab Sample ID Source: SDG: Matrix: Sampled: Validated:	MW-11B	MW-11C	MW-12A	MW-12B	MW-12C	MW-13	MW-14	MW-15
CAS NO.	COMPOUND			D5192-10	D5192-24	D5192-13	D5192-14	D5192-25	D5192-15	D5192-23	D5192-20
	VOLATILES										
67-66-3	CHLOROFORM	7	ug/l	ND	ND	ND	16	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	ug/l	ND	67	ND	ND	6.9	ND	20	ND
123-91-1	1,4-DIOXANE (P-DIOXANE)	--	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	--	ug/l	ND	20	ND	ND	6.3	ND	8.4	0.53 J
79-20-9	METHYL ACETATE	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	ug/l	ND	110	ND	ND	12	ND	25	1.1 J
100-42-5	STYRENE	5	ug/l	ND	960	ND	ND	1700	ND	2900	80
1634-04-4	TERT-BUTYL METHYL ETHER	10	ug/l	ND	ND	ND	ND	2.3 J	820	20	170
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	15	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND	ND
	BTEX										
71-43-2	BENZENE	1	ug/l	ND	ND	ND	ND	4.4 J	ND	13	ND
100-41-4	ETHYLBENZENE	5	ug/l	ND	300	ND	ND	140	ND	290	13
108-88-3	TOLUENE	5	ug/l	ND	1.6 J	ND	ND	1200	ND	2200	67
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	5	ug/l	ND	3600	ND	ND	1300	ND	1900	56
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	1300	ND	ND	550	ND	820	27
	CVOCs										
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	0.49 J	6.1	1.4 J	7.7
	SEMIVOLATILES										
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	61.6	ND	ND	220	ND	46.6 J	ND
86-74-8	CARBAZOLE	--	ug/l	ND	9.5 J	ND	ND	8.9 J	ND	4.6 J	ND
132-64-9	DIBENZOFURAN	--	ug/l	ND	4.5 J	ND	ND	22.6	ND	ND	ND
	PAHs										
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	19.5	ND	ND	64	ND	16.3 J	ND
208-96-8	ACENAPHTHYLENE	--	ug/l	ND	100	ND	ND	1100	ND	310	5.2 J
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	6.7 J	ND	ND	230	ND	5.8 J	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/l	ND	ND	ND	ND	150	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/l	ND	ND	ND	ND	140	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/l	ND	ND	ND	ND	110	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/l	ND	ND	ND	ND	64.1	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.002 (G)	ug/l	ND	ND	ND	ND	38.2	ND	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/l	ND	ND	ND	ND	140	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	--	ug/l	ND	ND	ND	ND	14.3	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/l	ND	ND	ND	ND	280	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	46.2	ND	ND	330	ND	28.5 J	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/l	ND	ND	ND	ND	55.6	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	ug/l	ND	820	ND	ND	1500	ND	480	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	12600	ND	ND	12500	ND	5700	170
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	43.9	ND	ND	920	ND	44.8	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	350	ND	ND	ND
	Total PAHs			ND	13636.3	ND	ND	17986.2	ND	6585.4	175.2
	Total SVOCs			ND	13711.9	ND	ND	18237.7	ND	6636.6	175.2

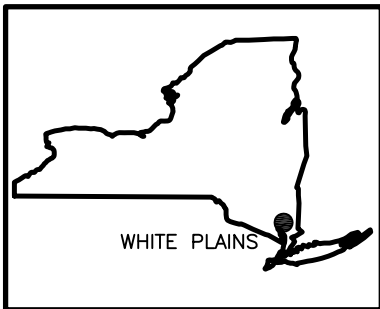
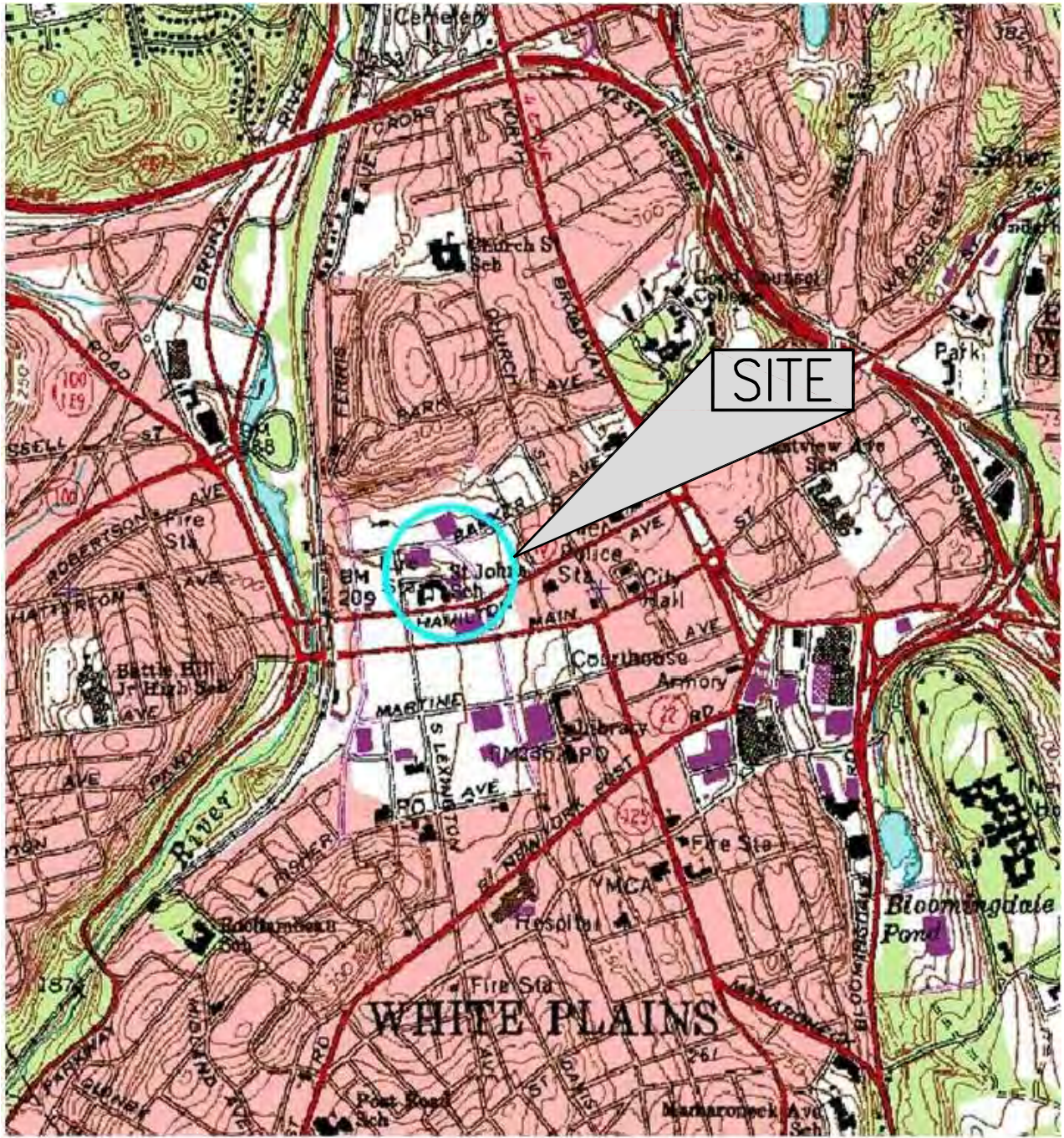
Notes:
 Indicates concentration exceeds standard or guidance value.
 (G) Indicates guidance value.
 NS No standard or guidance value available.
 ND Indicates compound was not detected.
 J Indicates an estimated concentration.
 ug/L Micrograms per liter

Table 2
 Summary of Laboratory Groundwater Analytical Results
 December 2012 Semi Annual - White Plains Former MGP Site
 Consolidated Edison Company of New York

Con Ed - White Plains Validated Groundwater Analytical Data Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Sample ID: Lab Sample ID Source: SDG: Matrix: Sampled: Validated:	MW-16	MW-17	MW-18	MW-19	MW-20
CAS NO.	COMPOUND			UNITS:	D5192-22 CTECH D5192 WATER 12/13/2012 13:50 1/28/2013	D5192-07 CTECH D5192 WATER 12/12/2012 7:15 1/28/2013	D5192-16 CTECH D5192 WATER 12/13/2012 7:30 1/28/2013	D5192-05 CTECH D5192 WATER 12/11/2012 14:15 1/28/2013
VOLATILES								
67-66-3	CHLOROFORM	7	ug/l	1 J	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	ug/l	12	ND	ND	ND	ND
123-91-1	1,4-DIOXANE (P-DIOXANE)	--	ug/l	ND	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	7.5	ND	1.4 J	ND	ND
79-20-9	METHYL ACETATE	--	ug/l	ND	ND	ND	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	ug/l	13	ND	ND	ND	ND
100-42-5	STYRENE	5	ug/l	1200	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10	ug/l	1.5 J	ND	7.5	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	1.5 J	ND	0.49 J	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	0.47 J	ND	0.5 J	ND	ND
BTEX								
71-43-2	BENZENE	1	ug/l	100	ND	14	ND	ND
100-41-4	ETHYLBENZENE	5	ug/l	210	ND	ND	ND	ND
108-88-3	TOLUENE	5	ug/l	2600	ND	1.2 J	ND	ND
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	5	ug/l	1300	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	700	ND	15	ND	ND
CVOCs								
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	1.4 J	ND	ND
SEMIVOLATILES								
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	28.7 J	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/l	ND	ND	ND	ND	ND
132-64-9	DIBENZOFURAN	--	ug/l	ND	ND	ND	ND	ND
PAHs								
83-32-9	ACENAPHTHENE	20 (G)	ug/l	8.6 J	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	--	ug/l	68.7 J	ND	5.9 J	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	ND	ND	ND
56-55-3	BENZO(A)ANTHRACENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND
50-32-8	BENZO(A)PYRENE	ND	ug/l	ND	ND	ND	ND	ND
205-99-2	BENZO(B)FLUORANTHENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND
191-24-2	BENZO(G,H,I)PERYLENE	--	ug/l	ND	ND	ND	ND	ND
207-08-9	BENZO(K)FLUORANTHENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND
218-01-9	CHRYSENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND
53-70-3	DIBENZ(A,H)ANTHRACENE	--	ug/l	ND	ND	ND	ND	ND
206-44-0	FLUORANTHENE	50 (G)	ug/l	ND	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	5 J	ND	ND	ND	ND
193-39-5	INDENO(1,2,3-C,D)PYRENE	0.002 (G)	ug/l	ND	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	ug/l	250	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	6100	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	26.4	ND	ND	ND	ND
129-00-0	PYRENE	50 (G)	ug/l	ND	ND	ND	ND	ND
	Total PAHs			6458.7	ND	5.9	ND	ND
	Total SVOCs			6487.4	ND	5.9	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

FIGURES



WHITE PLAINS

QUADRANGLE LOCATION
NEW YORK



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

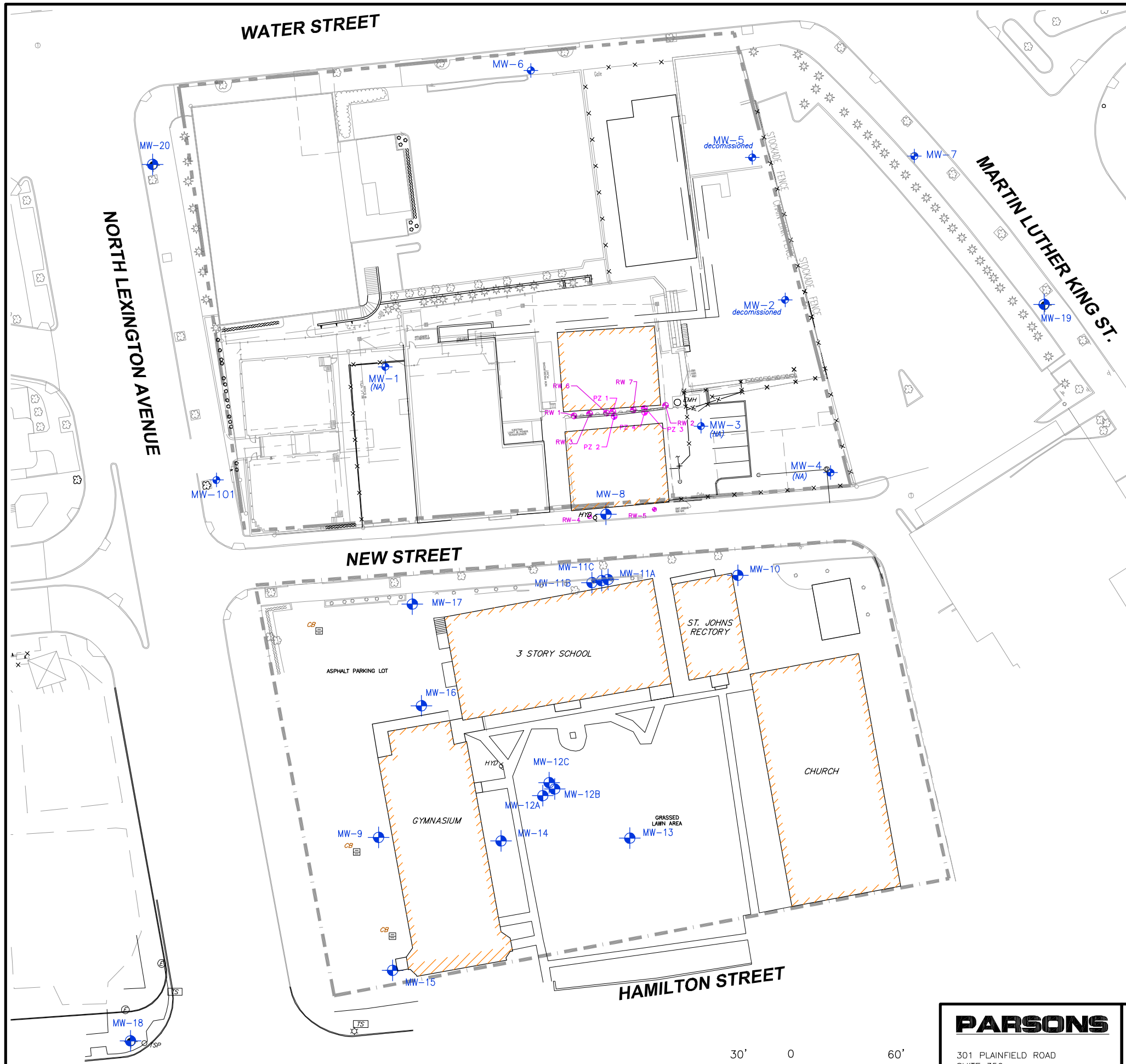
FIGURE 1

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


SITE LOCATION MAP

PARSONS

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

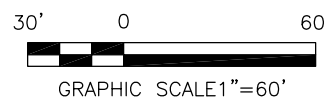


LEGEND:

 MONITORING WELL

(NA) NO LONGER ACCESSIBLE

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



PARSONS

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



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

MONITORING WELL LOCATION MAP

FIGURE NO.
 2

WATER STREET

MW-6	7/01	5/11	11/11	5/12	12/12
Total BTEX	353.6	ND	ND	ND	ND
Total VOCs	402.1	ND	ND	ND	ND

MW-7	7/01	5/11	11/11	5/12	12/12	12/12 Dup
Total BTEX	ND	ND	ND	ND	ND	ND
Total VOCs	28.69	ND	ND	ND	ND	ND

MW-20	5/11	11/11	5/12	12/12
Total BTEX	ND	ND	ND	ND
Total VOCs	ND	ND	ND	ND

MW-19	5/11	11/11	5/12	12/12
Total BTEX	ND	ND	ND	ND
Total VOCs	ND	ND	ND	ND

MW-8	7/01	7/01 DUP	5/11	11/11	5/12	5/12 DUP	12/12
Total BTEX	3.4	ND	2.86	2	13.5	15.1	10.3
Total VOCs	28.93	25.98	7.09	2	41.48	45.83	23.17

MW-11B	11/09	5/11	11/11	5/12	12/12
Total BTEX	ND	ND	ND	ND	ND
Total VOCs	2.9	ND	ND	ND	ND

MW-101	5/11	11/11	11/11 DUP	5/12	12/12
Total BTEX	428	687	452	710	139.18
Total VOCs	454	687	452	1488	144.78

MW-11C	11/09	5/11	11/11	5/12	12/12
Total BTEX	5711.3	4051.8	3160	4751.4	5201.6
Total VOCs	7294.3	5095.8	3900	10668.8	6373.6

MW-17	11/09	5/11	5/11 DUP	11/11	5/12	12/12
Total BTEX	ND	ND	ND	ND	ND	ND
Total VOCs	2.4	0.8	0.9	ND	ND	ND

MW-11A	11/09	5/11	11/11	5/12	12/12
Total BTEX	ND	ND	ND	0.41	ND
Total VOCs	2.9	ND	ND	0.82	ND

MW-16	11/09	11/09 DUP	5/11	11/11	5/12	12/12
Total BTEX	2640.0	6160.0	3810	3020	1780	4910
Total VOCs	3401.7	7953.9	4850.9	3980	4028.7	6146.97

MW-10	11/09	5/11	11/11	5/12	12/12
Total BTEX	ND	ND	ND	ND	ND
Total VOCs	5.1	0.61	ND	0.62	0.84

MW-14	11/09	5/11	11/11	5/12	12/12
Total BTEX	3146.0	3618.6	2990	3678.4	5223
Total VOCs	4692.9	5689.3	4590	9250.6	8196.4

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-12B	11/09	5/11	11/11	5/12	12/12
Total BTEX	2.7	ND	ND	ND	ND
Total VOCs	43.0	41.34	16	16	16

MW-9	11/09	5/11	11/11	5/12	12/12
Total BTEX	2305	374	664	172.9	53.4
Total VOCs	2987.3	509.64	824	383.72	186.27



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

MW-15	11/09	5/11	11/11	5/12	12/12
Total BTEX	379.8	366.2	46	399.8	163
Total VOCs	600.3	688.89	285	1156.3	414.63

MW-18	5/11	11/11	5/12	12/12
Total BTEX	37.2	2.6	8.2	30.2
Total VOCs	48.09	13.2	31.47	40.09

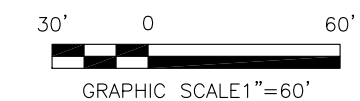
MW-13	11/09	5/11	11/11	5/12	12/12
Total BTEX	ND	ND	ND	ND	ND
Total VOCs	188.5	444.1	340	414.4	820

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.



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

WATER STREET

MW-20	5/11	11/11	5/12	12/12
Total PAHs	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND

MW-6	7/01	5/11	11/11	5/12	12/12
Total PAHs	1094.34	ND	ND	ND	ND
Total SVOCs	1129.05	ND	ND	ND	ND

MW-7	7/01	5/11	11/11	5/12	12/12	12/12 Dup
Total PAHs	0.22	ND	ND	ND	ND	ND
Total SVOCs	27.22	ND	ND	ND	ND	ND

MW-19	5/11	11/11	5/12	12/12
Total PAHs	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND

MW-8	7/01	7/01 DUP	5/11	11/11	5/12	5/12 DUP	12/12
Total PAHs	0.2	89.73	ND	40	769.9	686.1	766.3
Total SVOCs	26.85	117.45	ND	85.7	769.9	686.1	766.3

MW-101	5/11	11/11	11/11 DUP	5/12	12/12
Total PAHs	283.6	245	300	614.6	85.2
Total SVOCs	304.4	490	600	621.4	91

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

MW-16	11/09	11/09 DUP	5/11	11/11	5/12	12/12
Total PAHs	8439.7	8059.4	7160.2	1999	186.3	6458.7
Total SVOCs	8503.0	8125.3	7230.1	4036	207.3	6487.4

MW-14	11/09	5/11	11/11	5/12	12/12
Total PAHs	3321.2	8044.3	2317	6312	6585.4
Total SVOCs	3351.3	8099.4	4673	6344	6636.6

MW-9	11/09	5/11	11/11	5/12	12/12
Total PAHs	1275.4	49.8	400	189.4	21.2
Total SVOCs	1287	49.8	800	189.4	21.2

MW-15	11/09	5/11	11/11	5/12	12/12
Total PAHs	612.9	489.2	77.1	481.5	175.2
Total SVOCs	620.7	492.3	154.2	486.1	175.2

MW-18	5/11	11/11	5/12	12/12
Total PAHs	10.5	ND	6.5	5.9
Total SVOCs	10.5	ND	6.5	5.9

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

MW-11B	11/09	5/11	11/11	5/12	12/12
Total PAHs	5.7	ND	ND	ND	ND
Total SVOCs	5.7	ND	ND	ND	ND

MW-11C	11/09	5/11	11/11	5/12	12/12
Total PAHs	16130.2	7605.9	6380	16139.4	13636.3
Total SVOCs	16209.9	7664	12760	16206.1	13711.9


MW-11A	11/09	5/11	11/11	5/12	12/12
Total PAHs	ND	ND	ND	ND	ND
Total SVOCs	ND	ND	ND	ND	ND

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

MW-12C	11/09	5/11	11/11	5/12	12/12
Total PAHs	3801.7	2307.3	2554	3142.5	17986.2
Total SVOCs	3837.6	2331.7	5178	3165.5	18237.7

MW-12B	11/09	5/11	11/11	5/12	12/12
Total PAHs	5.4	1.6	ND	ND	ND
Total SVOCs	5.4	1.6	ND	ND	ND

MW-12A	11/09	5/11	11/11	5/12	12/12
Total PAHs	ND	1.9	ND	ND	ND
Total SVOCs	ND	1.9	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

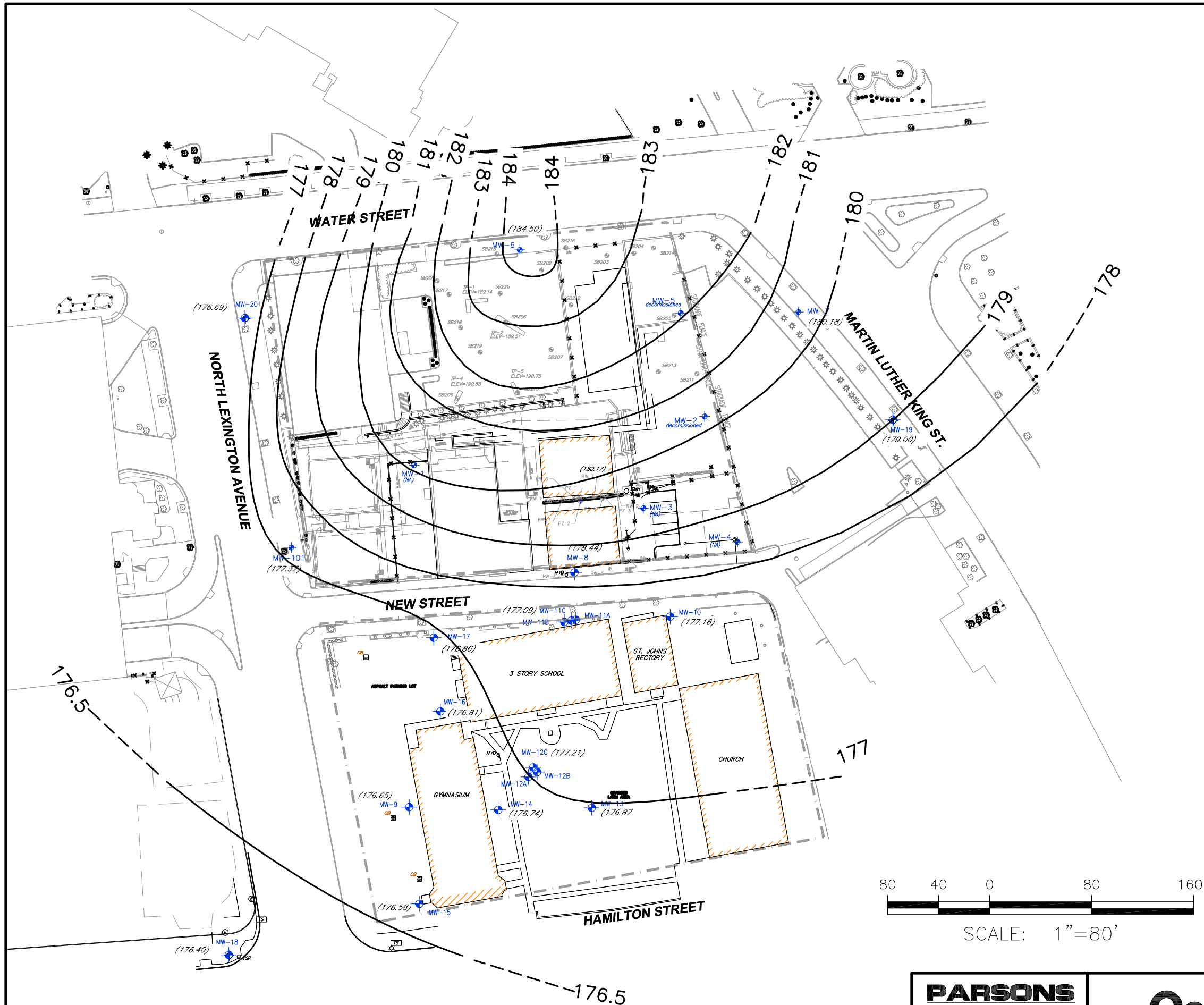
NOTE:
 MAP SOURCE:
 CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPING ARCHITECTURE CO., P.C. DATED 6/6/11.



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



LEGEND:

- GROUNDWATER ELEVATION CONTOUR
- INFERRED GROUNDWATER ELEVATION CONTOUR
- MONITORING WELL
- NO LONGER ACCESSIBLE

- NOTES:**
1. MONITORING WELL GAUGING WAS PERFORMED BY PARSONS, INC. ON DECEMBER 11, 2012.
 2. GROUNDWATER ELEVATIONS FOR MONITORING/RECOVERY WELLS AND PIEZOMETERS WERE NOT INCLUDED IN THE CONTOUR MAPPING: RW-1 THROUGH RW-6, PZ-1 THROUGH PZ-4, MW-11A, MW-11B, MW-12A, AND MW-12B.
 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)



<p>PARSONS</p> <p>301 PLAINFIELD ROAD SUITE 350 SYRACUSE, N.Y. 13212 PHONE: (315) 451-9560 FAX: (315) 451-9570</p>		<p>WHITE PLAINS FORMER MGP SITE WHITE PLAINS, NEW YORK</p> <p>GROUNDWATER ELEVATION CONTOUR MAP DECEMBER 2012</p>	<p>FIGURE NO. 5</p>
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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: 446107-09000
Purge Date: 12-11-12
Sampling Date: 12-11-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-6
Sampling Method: Low flow purge

WELL PURGING

Static Water Level (TOC): 3.32
 Depth to Well Bottom (TOC): 16.05
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 12.73 x 0.16 = 2.04 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	1125	1130	1135	1140	1145	1150
Depth To Water (TOC) (ft)	5.82	5.36	6.12	5.53	5.61	5.44
Depth To Pump (TOC) (ft)	15.05	15.05	15.05	15.05	15.05	15.05
Flow Rate (ml/min)	~250	~100	~250	~150	~150	~150
Volume of Water Purged	~0.5	~0.75	~1.25	~1.5	~1.75	~2
pH (s.u.)	6.93	7.02	7.02	7.03	7.03	7.03
Conductivity (mS/cm)	0.583	0.566	0.564	0.564	0.563	0.563
Turbidity (NTUs)	8.2	0	0	0	0	0
Dissolved Oxygen (mg/L)	11.5	6.44	5.81	5.85	5.86	5.80
Temperature (Degrees C)	16.08	16.02	15.32	15.14	15.23	15.09
ORP (mV)	101	98	113	114	115	116
Salinity (%)	0.3	0.3	0.3	0.3	0.3	0.3
TDS (g/L)	0.374	0.362	0.360	0.361	0.361	0.362

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1150; purged approximately 2 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-11-12
Sampling Date: 12-11-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-7 and Duplicate (MW-17A)
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 9.33
 Depth to Well Bottom (TOC): 16.10
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 6.77 x 0.16 = 1.08 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: No Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1210	1215	1220	1225	1230	1235	1240	1245
Depth To Water (TOC) (ft)	10.45	10.68	10.72	11.13	11.57	10.69	10.67	10.65
Depth To Pump (TOC) (ft)	15.10	15.10	15.10	15.10	15.10	15.10	15.10	15.10
Flow Rate (ml/min)	~350	~250	~350	~350	~350	~200	~200	~250
Volume of Water Purged	~0.5	~1	~1.5	~2.25	~2.75	~3.25	~3.75	~4.25
pH (s.u.)	7.23	7.25	7.21	7.17	7.17	7.18	7.17	7.18
Conductivity (mS/cm)	2.01	2.03	2.20	2.54	2.62	2.65	2.68	2.69
Turbidity (NTUs)	118	96.8	49	66.3	71.6	62.5	51.8	43.2
Dissolved Oxygen (mg/L)	6.01	1.45	0.97	0.85	0.76	0.69	0.65	0.62
Temperature (Degrees C)	14.92	15.02	15.58	15.43	15.36	15.71	15.53	15.41
ORP (mV)	-159	-162	-166	-167	-172	-174	-175	-176
Salinity (%)	1	1	1	1	1	1	1	1
TDS (g/L)	1.29	1.30	1.43	1.64	1.68	1.70	1.71	1.71

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1245; purged approximately 4.75 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-8
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 23.67
 Depth to Well Bottom (TOC): 39.55
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 15.88 x 0.16 = 2.54 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: No Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0910	0915	0920	0925	0930	0935	0940	0945
Depth To Water (TOC) (ft)	23.75	23.75	23.76	23.76	23.75	23.76	23.75	23.75
Depth To Pump (TOC) (ft)	38.55	38.55	38.55	38.55	38.55	38.55	38.55	38.55
Flow Rate (ml/min)	~350	~350	~350	~350	~350	~300	~350	~350
Volume of Water Purged	~0.75	~1.5	~2.25	~3	~3.75	~4.25	~5	~5.5
pH (s.u.)	6.92	6.91	6.91	6.91	6.93	6.93	6.94	6.96
Conductivity (mS/cm)	3.24	2.71	2.45	2.44	2.43	2.40	2.39	2.39
Turbidity (NTUs)	14.4	3.9	0	0	0	0	0	0
Dissolved Oxygen (mg/L)	3.84	3.22	3.51	3.37	3.25	3.21	3.20	3.19
Temperature (Degrees C)	13.59	14.27	14.46	14.69	13.95	13.99	14.13	13.96
ORP (mV)	-36	-34	-35	-37	-37	-37	-37	-37
Salinity (%)	1.7	1.4	1.3	1.2	1.2	1.2	1.2	1.2
TDS (g/L)	2.04	1.7	1.58	1.55	1.55	1.54	1.54	1.53

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 0945; purged approximately 5.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-9
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 30.72
 Depth to Well Bottom (TOC): 62.15
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 31.43 x 0.16 = 5.03 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	0805	0810	0815	0820	0825	0830	0835	0840
Depth To Water (TOC) (ft)	30.85	30.86	30.85	30.85	30.86	30.85	30.86	30.85
Depth To Pump (TOC) (ft)	61.15	61.15	61.15	61.15	61.15	61.15	61.15	61.15
Flow Rate (ml/min)	~350	~350	~350	~200	~350	~350	~350	~300
Volume of Water Purged	~0.75	~1.5	~2.25	~2.75	~3.5	~4	~4.75	~5.25
pH (s.u.)	7.09	7.07	7.07	7.07	7.07	7.11	7.11	7.12
Conductivity (mS/cm)	2.73	2.68	2.66	2.67	2.66	2.67	2.68	2.69
Turbidity (NTUs)	156	77.3	65.4	51.3	23.1	16.3	10.1	2.9
Dissolved Oxygen (mg/L)	3.1	1.75	1.43	1.26	0.85	0.83	0.82	0.82
Temperature (Degrees C)	13.43	14.07	14.16	13.59	14.61	14.14	14.56	14.17
ORP (mV)	-55	-57	-58	-59	-64	-65	-66	-66
Salinity (%)	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
TDS (g/L)	1.74	1.71	1.70	1.72	1.70	1.71	1.71	1.72

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 0840; purged approximately 5.25 gallons

PARSONS GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 12-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-10
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 21.33
 Depth to Well Bottom (TOC): 49.80
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 28.47 x 0.16 = 4.56 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: No Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1025	1030	1035	1040	1045	1050	1055	1100
Depth To Water (TOC) (ft)	21.44	21.47	21.48	21.45	21.47	21.48	21.46	21.45
Depth To Pump (TOC) (ft)	48.80	48.80	48.80	48.80	48.80	48.80	48.80	48.80
Flow Rate (ml/min)	~300	~300	~300	~300	~350	~350	~300	~300
Volume of Water Purged	~0.5	~1.0	~1.5	~2.0	~2.5	~3.0	~3.5	~4.0
pH (s.u.)	6.94	6.98	7.12	6.99	6.91	6.85	6.85	6.86
Conductivity (mS/cm)	6.02	5.99	5.96	5.83	5.81	5.79	6.72	5.69
Turbidity (NTUs)	28.8	11.7	1.7	0.5	0	0	0	0
Dissolved Oxygen (mg/L)	11.35	7.38	1.96	1.54	1.16	0.93	0.91	0.90
Temperature (Degrees C)	14.39	14.56	14.73	14.96	14.79	15.93	15.71	15.70
ORP (mV)	162	155	146	109	73	60	57	55
Salinity (%)	3.2	3.2	3.2	3.2	3.2	3.1	3.1	3.0
TDS (g/L)	3.78	3.76	3.75	3.68	3.66	3.64	3.63	3.61

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1100; purged approximately 4 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 12-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-11A
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.58
 Depth to Well Bottom (TOC): 26.75
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 2.17 x 0.16 = 0.35 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	0840	0845	0850	0855	0900	0905
Depth To Water (TOC) (ft)	24.85	24.92	24.96	25.00	24.86	24.99
Depth To Pump (TOC) (ft)	25.75	25.75	25.75	25.75	25.75	25.75
Flow Rate (ml/min)	~350	~250	~250	~250	~200	~250
Volume of Water Purged	0.5	~1.25	~2.0	~2.5	~3.0	~3.5
pH (s.u.)	7.27	7.2	7.19	7.18	7.18	7.18
Conductivity (mS/cm)	5.63	5.73	5.77	5.81	5.86	5.90
Turbidity (NTUs)	325	0	0	0	0	0
Dissolved Oxygen (mg/L)	13.19	9.03	8.83	8.52	8.47	8.44
Temperature (Degrees C)	15.18	16.81	16.72	16.80	16.75	16.89
ORP (mV)	154	152	152	152	152	151
Salinity (%)	3.1	3.1	3.1	3.1	3.1	3.1
TDS (g/L)	3.59	3.6	3.62	3.67	3.67	3.69

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 0905; purged approximately 3.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 12-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-11B
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.82
 Depth to Well Bottom (TOC): 35.95
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 11.13 x 0.16 = 1.78 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	SAMPLE
Time	0800	0805	0810	0815	0820	0825
Depth To Water (TOC) (ft)	25.08	25.02	25.21	25.16	25.20	25.21
Depth To Pump (TOC) (ft)	34.95	34.95	34.95	34.95	34.95	34.95
Flow Rate (ml/min)	~250	~200	~350	~250	~350	~350
Volume of Water Purged	~0.5	~0.75	~1.5	~2.0	~2.75	~3.5
pH (s.u.)	7.21	7.21	7.19	7.18	7.18	7.17
Conductivity (mS/cm)	4.6	4.59	4.60	4.63	4.64	4.67
Turbidity (NTUs)	7.1	3.4	0	0	0	0
Dissolved Oxygen (mg/L)	7.92	7.52	7.13	6.49	6.46	6.45
Temperature (Degrees C)	15.84	15.37	16.03	16.43	16.27	16.38
ORP (mV)	149	148	151	156	158	160
Salinity (%)	2.4	2.4	2.4	2.5	2.5	2.5
TDS (g/L)	2.94	2.93	2.94	2.97	2.97	2.98

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 0825; purged approximately 3.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-14-12
Sampling Date: 12-14-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-11C
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 24.65
 Depth to Well Bottom (TOC): 49.75
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 25.10 x 0.16 = 4.02 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: Hydrocarbon Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1210	1215	1220	1225	1230	1235	1240
Depth To Water (TOC) (ft)	24.85	24.84	24.78	24.78	24.78	24.79	24.78
Depth To Pump (TOC) (ft)	47.75	47.75	47.75	47.75	47.75	47.75	47.75
Flow Rate (ml/min)	~350	~350	~300	~300	~300	~300	~300
Volume of Water Purged	~0.75	~1.5	~2	~2.5	~3	~3.5	~4
pH (s.u.)	7.26	7.15	7.14	7.14	7.14	7.14	7.14
Conductivity (mS/cm)	5.67	5.67	5.73	5.81	5.80	5.79	5.78
Turbidity (NTUs)	195	26.8	12.4	0	0	0	0
Dissolved Oxygen (mg/L)	10.43	1.19	1.01	0.93	0.82	0.79	0.78
Temperature (Degrees C)	15.14	15.45	15.63	15.01	15.64	15.13	15.52
ORP (mV)	2	-21	-22	-20	-19	-18	-17
Salinity (%)	3.0	3.1	3.1	3.1	3.1	3.1	3.1
TDS (g/L)	3.57	3.58	3.61	3.62	3.62	3.62	3.63

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1240; purged approximately 4 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 12-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-12A
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.08
 Depth to Well Bottom (TOC): 30.56
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 2.48 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	SAMPLE
Time	1145	1150	1155	1200	1205	1210	1215
Depth To Water (TOC) (ft)	28.1	28.08	28.08	28.08	28.08	28.08	28.08
Depth To Pump (TOC) (ft)	29.65	29.65	29.65	29.65	29.65	29.65	29.65
Flow Rate (ml/min)	~200	~250	~250	~250	~250	~250	~250
Volume of Water Purged	~0.25	~1.0	~1.5	~2.0	~2.5	~3.0	~3.5
pH (s.u.)	7.8	7.64	7.62	7.61	7.61	7.61	7.61
Conductivity (mS/cm)	0.647	0.627	0.63	0.629	0.626	0.625	0.625
Turbidity (NTUs)	564	66.4	6.5	0	0	0	0
Dissolved Oxygen (mg/L)	12.34	12.22	12.15	12.04	11.92	11.86	11.82
Temperature (Degrees C)	11.86	13.77	14.01	14.17	14.18	14.18	14.17
ORP (mV)	109	121	120	119	118	119	119
Salinity (%)	0.3	0.3	0.3	0.3	0.3	0.3	0.3
TDS (g/L)	0.411	0.402	0.403	0.402	0.401	0.4	0.401

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1215; purged approximately 3.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 11-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-12B
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.01
 Depth to Well Bottom (TOC): 44.50
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 16.49 x 0.16 = 2.64 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	1240	1245	1250	1255	1300	1305	1310
Depth To Water (TOC) (ft)	28.08	28.27	28.22	28.27	28.25	28.26	28.25
Depth To Pump (TOC) (ft)	43.5	43.5	43.5	43.5	43.5	43.5	43.5
Flow Rate (ml/min)	~200	~350	~350	~350	~300	~300	~350
Volume of Water Purged	~0.25	~1.0	~1.75	~2.5	~3.25	~3.75	~4.5
pH (s.u.)	7.46	7.42	7.41	7.42	7.42	7.42	7.42
Conductivity (mS/cm)	1.69	1.74	1.76	1.76	1.77	1.77	1.77
Turbidity (NTUs)	Error	192	40.5	0	0	0	0
Dissolved Oxygen (mg/L)	5.27	6.7	5.95	3.96	3.22	3.16	3.09
Temperature (Degrees C)	13.46	14.18	14.31	14.36	14.31	14.35	14.29
ORP (mV)	50	32	32	35	35	34	35
Salinity (%)	0.8	0.9	0.9	0.9	0.9	0.9	0.9
TDS (g/L)	1.07	1.11	1.12	1.13	1.13	1.13	1.13

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1310; purged approximately 4.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-14-12
Sampling Date: 12-14-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-12C
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.06
 Depth to Well Bottom (TOC): 60.05
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 31.99 x 0.16 = 5.12 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, Sheens, NAPL

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1315	1320	1325	1330	1335	1340	1345
Depth To Water (TOC) (ft)	28.26	28.33	28.31	28.33	28.31	28.31	28.32
Depth To Pump (TOC) (ft)	58.05	58.05	58.05	58.05	58.05	58.05	58.05
Flow Rate (ml/min)	~300	~350	~350	~350	~300	~300	~300
Volume of Water Purged	~0.5	~1.25	~1.75	~2.5	~3	~3.5	~4
pH (s.u.)	7.21	7.2	7.16	7.16	7.16	7.15	7.15
Conductivity (mS/cm)	1.9	1.84	1.89	1.92	1.92	1.92	1.93
Turbidity (NTUs)	153	139	28.9	0	0	0	0
Dissolved Oxygen (mg/L)	4.11	1.17	0.91	0.78	0.75	0.74	0.74
Temperature (Degrees C)	14.06	14.42	14.64	14.59	14.55	14.63	14.52
ORP (mV)	-38	-42	-44	-44	-44	-43	-42
Salinity (%)	1.0	0.9	1.0	1.0	1.0	1.0	1.0
TDS (g/L)	1.21	1.18	1.21	1.23	1.22	1.23	1.23

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1345; purged approximately 4 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 12-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-13
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.04
 Depth to Well Bottom (TOC): 64.60
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 36.56 x 0.16 = 5.85 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	1400	1405	1410	1415	1420	1425	1430
Depth To Water (TOC) (ft)	28.15	28.17	28.17	28.17	28.17	28.17	28.17
Depth To Pump (TOC) (ft)	63.6	63.6	63.6	63.6	63.6	63.6	63.6
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.5	~1.25	~2	~2.5	~3	~3.5	~4
pH (s.u.)	6.8	6.77	6.77	6.77	6.77	6.77	6.78
Conductivity (mS/cm)	3.22	3.2	3.18	3.19	3.19	3.19	3.19
Turbidity (NTUs)	776	212	10.4	2.1	0.5	0	0
Dissolved Oxygen (mg/L)	4.75	1.18	0.81	0.79	0.77	0.76	0.75
Temperature (Degrees C)	13.75	13.97	14.18	14.03	14.00	14.12	14.17
ORP (mV)	-88	-85	-83	-82	-82	-82	-82
Salinity (%)	1.7	1.7	1.7	1.7	1.7	1.7	1.7
TDS (g/L)	2.06	2.05	2.04	2.04	2.04	2.03	2.03

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: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-14
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.31
 Depth to Well Bottom (TOC): 64.55
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 36.24 x 0.16 = 5.80 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: Hydrocarbon Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1425	1430	1435	1440	1445	1450	1455
Depth To Water (TOC) (ft)	28.46	28.48	28.46	28.45	28.46	28.47	28.46
Depth To Pump (TOC) (ft)	63.55	63.55	63.55	63.55	63.55	63.55	63.55
Flow Rate (ml/min)	~350	~350	~350	~350	~350	~350	~350
Volume of Water Purged	~0.75	~1.5	~2.25	~3	~3.75	~4.25	~5
pH (s.u.)	7.05	7.01	7.01	7.0	7.0	7.0	7.0
Conductivity (mS/cm)	2.45	2.47	2.47	2.47	2.47	2.48	2.48
Turbidity (NTUs)	Error	981	74.8	41.8	6.2	5.6	5.9
Dissolved Oxygen (mg/L)	2.72	1.10	0.88	0.83	0.72	0.70	0.69
Temperature (Degrees C)	13.46	13.93	13.84	14.0	14.03	13.91	13.82
ORP (mV)	-76	-76	-78	-79	-79	-79	-79
Salinity (%)	1.3	1.3	1.3	1.3	1.3	1.3	1.3
TDS (g/L)	1.57	1.58	1.58	1.58	1.58	1.58	1.59

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1455; purged approximately 5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-15
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 31.03
 Depth to Well Bottom (TOC): 66.60
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 35.57 x 0.16 = 5.69 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: No Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1105	1110	1115	1120	1125	1130
Depth To Water (TOC) (ft)	31.1	31.09	31.08	31.09	31.1	31.1
Depth To Pump (TOC) (ft)	65.6	65.6	65.6	65.6	65.6	65.6
Flow Rate (ml/min)	~350	~350	~300	~300	~350	~350
Volume of Water Purged	~0.75	~1.5	~2.25	~3	~3.5	~4.25
pH (s.u.)	6.93	6.92	6.92	6.92	6.93	6.93
Conductivity (mS/cm)	3.73	3.69	3.63	3.62	3.62	3.61
Turbidity (NTUs)	898	52.3	8.7	1.7	0	0
Dissolved Oxygen (mg/L)	1.68	1.01	0.93	0.85	0.83	0.81
Temperature (Degrees C)	12.01	12.90	12.71	12.72	12.71	12.75
ORP (mV)	-86	-87	-87	-87	-88	-88
Salinity (%)	2	1.9	1.9	1.9	1.9	1.9
TDS (g/L)	2.39	2.36	2.32	2.32	2.32	2.31

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1130; purged approximately 4.25 gallons

PARSONS GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-16
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 29.15
 Depth to Well Bottom (TOC): 64.40
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 35.25 x 0.16 = 5.64 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 : Hydrocarbon Odor
 Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1315	1320	1325	1330	1335	1340	1345	1350
Depth To Water (TOC) (ft)	29.21	29.22	29.24	29.24	29.23	29.23	29.25	29.24
Depth To Pump (TOC) (ft)	63.40	63.40	63.40	63.40	63.40	63.40	63.40	63.40
Flow Rate (ml/min)	~250	~350	~350	~350	~350	~350	~350	~300
Volume of Water Purged	~0.5	~1.25	~2	~2.5	~3.25	~4	~4.75	~5.5
pH (s.u.)	7.12	7.12	7.10	7.1	7.09	7.09	7.09	7.09
Conductivity (mS/cm)	2.57	2.55	2.64	2.65	2.66	2.67	2.67	2.68
Turbidity (NTUs)	61.3	47.3	0	0	0	0	0	0
Dissolved Oxygen (mg/L)	0.67	0.61	0.57	0.53	0.42	0.39	0.38	0.38
Temperature (Degrees C)	15.07	15.18	15.19	15.18	15.18	15.17	15.17	15.16
ORP (mV)	-106	-108	-109	-110	-111	-111	-111	-111
Salinity (%)	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4
TDS (g/L)	1.65	1.65	1.68	1.70	1.71	1.73	1.74	1.74

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
 Shipped Via: Chemtech, Mountainside, NJ
 Laboratory:
 Other Notes: Sample collected at 1350; purged approximately 5.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-12-12
Sampling Date: 12-12-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-17, MW-17MS, MW-17 MSD
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 28.10
 Depth to Well Bottom (TOC): 49.90
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 21.80 x 0.16 = 3.49 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: No Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0640	0645	0650	0655	0700	0705	0710	0715
Depth To Water (TOC) (ft)	28.22	28.16	28.17	28.19	28.18	28.21	28.20	28.20
Depth To Pump (TOC) (ft)	48.90	48.90	48.90	48.90	48.90	48.90	48.90	48.90
Flow Rate (ml/min)	~350	~250	~200	~250	~300	~350	~300	~300
Volume of Water Purged	~0.75	~1.5	~2	~2.75	~3.5	~4	~4.5	~5
pH (s.u.)	7.79	7.57	7.53	7.52	7.51	7.51	7.51	7.51
Conductivity (mS/cm)	1.34	1.34	1.37	1.39	1.41	1.4	1.4	1.39
Turbidity (NTUs)	183	28.2	24.3	11.3	0	0	0	0
Dissolved Oxygen (mg/L)	12.08	8.51	8.27	8.16	8.06	8.03	8.02	8.0
Temperature (Degrees C)	15.78	15.36	15.11	15.87	16.17	16.11	16.25	16.19
ORP (mV)	134	135	136	130	126	123	123	122
Salinity (%)	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
TDS (g/L)	0.842	0.864	0.878	0.888	0.901	0.9	0.9	0.899

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 0715; purged approximately 5 gallons

PARSONS GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-18
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 32.53
 Depth to Well Bottom (TOC): 71.85
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 39.32 x 0.16 = 6.29 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	0655	0700	0705	0710	0715	0720	0725	0730
Depth To Water (TOC) (ft)	32.6	32.56	32.57	32.57	32.57	32.57	32.57	32.56
Depth To Pump (TOC) (ft)	70.85	70.85	70.85	70.85	70.85	70.85	70.85	70.85
Flow Rate (ml/min)	~350	~300	~250	~300	~350	~300	~350	~300
Volume of Water Purged	~0.75	~1.5	~2.25	~3	~3.5	~4	~4.5	~5
pH (s.u.)	7.15	7.05	7.0	7.1	7.12	7.04	7.05	7.04
Conductivity (mS/cm)	3.19	3.08	3.22	3.25	3.29	3.27	3.27	3.26
Turbidity (NTUs)	310	69.3	20.5	12.7	2.4	0.2	0	0
Dissolved Oxygen (mg/L)	2.33	1.35	1.05	1.01	0.97	0.95	0.94	0.93
Temperature (Degrees C)	12.52	12.52	12.63	12.63	12.65	12.67	12.65	12.67
ORP (mV)	-103	-99	-96	-95	-95	-96	-96	-95
Salinity (%)	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7
TDS (g/L)	2.01	1.98	2.06	2.1	2.1	2.09	2.1	2.1

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 0730; purged approximately 5 gallons

PARSONS GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-11-12
Sampling Date: 12-11-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-19
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 9.24
 Depth to Well Bottom (TOC): 20.18
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 10.94 x 0.16 = 1.75 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: No Odor
Other: Slight Yellow tint

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1340	1345	1350	1355	1400	1405	1410	1415
Depth To Water (TOC) (ft)	10.9	11.05	11.43	12.15	11.85	11.75	11.92	11.86
Depth To Pump (TOC) (ft)	19.18	19.18	19.18	19.18	19.18	19.18	19.18	19.18
Flow Rate (ml/min)	~350	~300	~350	~250	~200	~250	~250	~350
Volume of Water Purged	~1	~1.75	~2.5	~3.25	~4	~4.5	~5	~5.5
pH (s.u.)	6.95	6.94	6.93	6.94	6.95	6.94	6.94	6.94
Conductivity (mS/cm)	7.23	7.2	7.17	7.16	7.16	7.33	7.37	7.45
Turbidity (NTUs)	399	449	185	77.9	61	52.7	41.6	39.7
Dissolved Oxygen (mg/L)	9.15	3.31	2.29	1.61	1.53	1.41	1.35	1.32
Temperature (Degrees C)	14.19	14.68	15.56	15.14	14.26	14.77	14.65	14.53
ORP (mV)	-125	-127	-130	-135	-134	-133	-133	-132
Salinity (%)	4	3.9	3.9	3.9	4	4	4.1	4.1
TDS (g/L)	4.57	4.53	4.51	4.51	4.58	4.60	4.60	4.61

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1415; purged approximately 5.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-11-12
Sampling Date: 12-11-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-20
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 14.89
 Depth to Well Bottom (TOC): 20.10
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 5.21 x 0.16 = 0.83 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	1445	1450	1455	1500	1505	1510	1515
Depth To Water (TOC) (ft)	15.17	15.21	15.20	15.10	15.23	15.24	15.24
Depth To Pump (TOC) (ft)	19.1	19.1	19.1	19.1	19.1	19.1	19.1
Flow Rate (ml/min)	~250	~350	~300	~250	~350	~350	~350
Volume of Water Purged	~0.75	~1.5	~2	~2.75	~3.5	~4.25	~5
pH (s.u.)	6.95	6.94	6.94	6.93	6.93	6.92	6.92
Conductivity (mS/cm)	6.86	6.93	6.88	6.90	6.91	6.90	6.89
Turbidity (NTUs)	146	10.6	5.8	1.6	2.2	1.8	0
Dissolved Oxygen (mg/L)	6.1	0.97	0.92	0.87	0.83	0.79	0.78
Temperature (Degrees C)	16.18	16.22	16.50	15.61	15.92	16.33	16.22
ORP (mV)	-69	-53	-50	-47	-47	-48	-48
Salinity (%)	3.8	3.8	3.8	3.8	3.8	3.8	3.8
TDS (g/L)	4.36	4.35	4.34	4.34	4.33	4.33	4.33

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1515; purged approximately 5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: 12-13-12
Sampling Date: 12-13-12
Samplers: Zohar Lavy of Parsons / Somerset, NJ
SAMPLE ID: MW-101
Sampling Method: Low flow purge (Monsoon Pump)

WELL PURGING

Static Water Level (TOC): 25.74
 Depth to Well Bottom (TOC): 61.10
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
2-inch Casing: Ft. of Water in Well 35.36 x 0.16 = 5.66 Gallons
3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor: Slight Hydrocarbon Odor
Other: Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1210	1215	1220	1225	1230	1235	1240	1245
Depth To Water (TOC) (ft)	25.75	25.75	25.75	25.75	25.75	25.75	25.74	25.75
Depth To Pump (TOC) (ft)	60.10	60.10	60.10	60.10	60.10	60.10	60.10	60.10
Flow Rate (ml/min)	~350	~350	~350	~350	~350	~350	~350	~350
Volume of Water Purged	~0.75	~1.5	~2.25	~3	~3.5	~4.25	~5	~5.5
pH (s.u.)	7.04	7.02	7.02	7.02	7.02	7.02	7.09	7.08
Conductivity (mS/cm)	3.39	3.51	3.35	3.23	3.11	3.07	3.06	3.05
Turbidity (NTUs)	827	128	76.6	13.3	5.7	3.7	2.1	0
Dissolved Oxygen (mg/L)	3.06	0.79	0.70	0.64	0.59	0.60	0.60	0.61
Temperature (Degrees C)	16.21	16.72	16.82	17.10	16.83	16.87	16.92	17.01
ORP (mV)	-107	-108	-110	-112	-113	-114	-113	-114
Salinity (%)	1.8	1.8	1.7	1.7	1.7	1.6	1.6	1.6
TDS (g/L)	2.17	2.223	2.13	2.05	1.98	1.98	1.99	1.98

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs
Shipped Via: Chemtech, Mountainside, NJ
Laboratory:
Other Notes: Sample collected at 1245; purged approximately 5.5 gallons

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

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

FEBRUARY 2013

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LIST OF ATTACHMENTS

ATTACHMENT A VALIDATED LABORATORY DATA

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the Consolidated Edison White Plains site on December 11, 2012 through December 14, 2012. 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 27 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,
- "N" - presumptive evidence at the value given, and

"R" - unusable value.

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

1.3.1 Volatile Organic Analysis

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

SECTION 2

DATA VALIDATION REPORT

2.1 GROUNDWATER

Data review has been completed for data packages generated by Chemtech containing analytical results from groundwater samples collected from the site. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. Analytical data were submitted in sample delivery group (SDG) D5192.

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

2.1.1 Volatiles

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

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

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

Blank Contamination

The field equipment blank FB121312 associated with the project samples contained methylene chloride at a concentration of 3.3 µg/L. Therefore, all methylene chloride results less than the validation action concentration were considered not detected and qualified “UJ” for the affected samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 20% with the exception of chloroethane (20.5%RSD) and 1,4-dioxane (22.7%RSD) in the initial calibration associated with all samples except MW-17, -8, -9, -15, -101, -18, -13DL, -15DL, -16, and -16DL; and bromomethane (41.4%RSD), acetone (35.7%RSD), carbon tetrachloride (37.9%RSD), 2-hexanone (34.7%RSD), and bromoform (24%RSD) associated with samples MW-17, -8, -9, -15, -101, -18, -13DL, -15DL, -16, and -16DL. Therefore, the results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent difference (%D) within $\pm 20\%$ with the exception of bromomethane (23.4%D), acetone (25.64%D), and 1,4-dioxane (66.67%D) in the continuing calibration associated with samples TRIPBLANK, FB121312, MW-6, -7, -17A, -19, -20, -11A, -11B, -10, -13, -12A, and -12B; acetone (61.9%D), 2-butanone (21.03%D), and 1,4-dioxane (33.33%D) in the continuing calibration associated with samples MW-14, -12C, -12CDL, and -14DL; chloroethane (24.08%D) in the continuing calibration associated with samples MW-11C and -11CDL; bromomethane (48.24%D), 2-hexanone (-20.96%D), dibromochloromethane (27.47%D), and bromoform (39.89%D) in the continuing calibration associated with sample MW-17; vinyl chloride (-21.44%D), bromomethane (25.29%D), carbon tetrachloride (29.89%D), 2-hexanone (-20.96%D), dibromochloromethane (24.54%D), and bromoform (34.83%D) in the continuing calibration associated with samples MW-8, -9, -15, and -101; and bromomethane (48.82%D), carbon tetrachloride (44.13%D), 2-hexanone (-23.05%D), dibromochloromethane (26.01%D), and bromoform (34.83%D) in the continuing calibration associated with samples MW-18, -13DL, -15DL, -16, and -16DL. Therefore, the sample results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, 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 surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, initial and continuing calibrations, and internal standard responses as discussed below.

Surrogate Recoveries

All surrogate recoveries were considered acceptable and within QC limits for all samples with the exception of the high nitrobenzene-d5 surrogate recovery (QC limit 36-131%R) in samples MW-16 (149%R), MW-11C (260%R), and MW-12C (266%R). Validation qualification of these samples was not required since only one base-neutral surrogate exceeded the QC limit.

MS/MSD Precision and Accuracy

All precision (RPD) and accuracy (%R) measurements were considered acceptable and within QC limits during the spiked analyses of sample MW-17 with the exception of the low MS accuracy results for 2,3,4,6-tetrachlorophenol (90%R; QC limit 91-111%R) and the precision results for indeno(1,2,3-cd)pyrene (43%RPD; QC limit 0-20%RPD), dibenz(a,h)anthracene (42%RPD; QC limit 0-20%RPD), and benzo(g,h,i)perylene (38%RPD; QC limit 0-20%RPD). 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 high LCS recoveries for 2-methylphenol (101%R, 96%R; QC limit 32-94%R) and 3+4-methylphenols (97%R, 92%R; QC limit 24-91%R) associated with all samples; and the low LCS recovery for 3-nitroaniline (11%R; QC limit 15-104%R) associated with all samples except MW-11C, -12C, and “-DL”. Therefore, the results for 3-nitroaniline were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. Validation qualification of 2-methylphenol and 3+4-methylphenols were not required since these compounds were not detected.

Initial and Continuing Calibration

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 20% with the exception of 2,4-dinitrophenol (51.2%RSD, 38.1%RSD) and 4,6-dinitro-2-methylphenol (28.1%RSD, 23.6%RSD) in the initial calibrations associated with all samples. Therefore, the results for these compounds which were nondetects were considered estimated and qualified "UJ" for the affected samples.

All continuing calibration compounds were compliant with percent differences (%Ds) within $\pm 20\%$ and relative response factors (RRFs) greater than 0.05 with the exception of 2,4-dinitrophenol (22.5%D) in the continuing calibration associated with all samples MW-11C, -12C, and "-DL". The results for this compound which were nondetects were considered estimated and qualified "UJ" for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area count within -50% to +100% and retention times within ± 0.5 minutes of the standard) with the exception of the low response for the IS 1,4-dichlorobenzene-d4 in sample MW-14; low response for the IS naphthalene-d8 in samples MW-11C, -11CDL, -12C, -14, and -16; and the low response for the IS acenaphthene-d10 in samples MW-14 and -16. Therefore, results associated with these ISs were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

Usability

All semivolatile sample results were considered usable following data validation.

Summary

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

ATTACHMENT A
VALIDATED LABORATORY DATA

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 D5192-02 CTECH D5192 WATER 12/11/2012 11:50 1/28/2013	MW-7 D5192-03 CTECH D5192 WATER 12/11/2012 12:45 1/28/2013	Dup of MW-7 MW-17A D5192-04 CTECH D5192 WATER 12/11/2012 12:50 1/28/2013	MW-8 D5192-19 CTECH D5192 WATER 12/13/2012 9:45 1/28/2013	MW-9 D5192-17 CTECH D5192 WATER 12/13/2012 8:40 1/28/2013
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	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	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	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	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	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ug/l	0.41 U	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	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.48 U	0.48 U	1.4 J
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	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	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 UJ	50 UJ	50 UJ	50 U	120
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 UJ
67-64-1	ACETONE	ug/l	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	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 UJ	0.47 UJ
74-83-9	BROMOMETHANE	ug/l	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ
75-15-0	CARBON DISULFIDE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 UJ
108-90-7	CHLOROETHANE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.66 UJ	0.66 UJ	0.66 UJ	0.66 U	0.66 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.52 J
74-87-3	CHLOROMETHANE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	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	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.52 U	0.52 U	0.52 U	0.52 UJ	0.52 UJ
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	0.53 U	0.53 U	0.53 U	2.1 J	5.4
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	0.45 U	7.9	0.45 J
79-20-9	METHYL ACETATE	ug/l	0.83 U	0.83 U	0.83 U	1.7 J	1.9 J
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ug/l	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.68 U	0.68 U	0.68 U	2.8 J	0.68 U
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	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	0.43 U	2.2 J	16
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	8.3
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	1.7 J
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	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	0.37 U	19
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	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	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	0.28 U	0.28 U	0.47 J	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	0.35 U	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 UJ	0.34 UJ
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	0.95 U	0.95 U	6 J	13

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-6 D5192-02 CTECH D5192 WATER 12/11/2012 11:50 1/28/2013	MW-7 D5192-03 CTECH D5192 WATER 12/11/2012 12:45 1/28/2013	Dup of MW-7 MW-17A D5192-04 CTECH D5192 WATER 12/11/2012 12:50 1/28/2013	MW-8 D5192-19 CTECH D5192 WATER 12/13/2012 9:45 1/28/2013	MW-9 D5192-17 CTECH D5192 WATER 12/13/2012 8:40 1/28/2013
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.61 U	0.59 U	0.58 U	0.58 U	0.61 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.72 U	0.69 U	0.69 U	0.69 U	0.72 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.77 U	0.75 U	0.74 U	0.74 U	0.77 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.3 UJ	2.2 UJ	2.2 UJ	2.2 UJ	2.3 UJ
121-14-2	2,4-DINITROTOLUENE	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.35 U	0.34 U	0.33 U	0.33 U	0.35 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
95-57-8	2-CHLOROPHENOL	ug/l	0.59 U	0.57 U	0.56 U	0.56 U	0.59 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.35 U	0.34 U	0.33 U	27.2	0.35 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.26 U	0.25 U	0.25 U	0.25 U	0.26 U
88-74-4	2-NITROANILINE	ug/l	0.53 U	0.52 U	0.51 U	0.51 U	0.53 U
88-75-5	2-NITROPHENOL	ug/l	0.57 U	0.55 U	0.54 U	0.54 U	0.57 U
91-94-1	3,3'-DICHLOROENZIDINE	ug/l	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.41 U	0.4 U	0.4 U	0.4 U	0.41 U
99-09-2	3-NITROANILINE	ug/l	1.2 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.8 UJ	0.78 UJ	0.77 UJ	0.77 UJ	0.8 UJ
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.25 U	0.24 U	0.24 U	0.24 U	0.25 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U
106-47-8	4-CHLOROANILINE	ug/l	3.1 U	3 U	3 U	3 U	3.1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.23 U	0.22 U	0.22 U	0.22 U	0.23 U
100-01-6	4-NITROANILINE	ug/l	1.5 U	1.4 U	1.4 U	1.4 U	1.5 U
100-02-7	4-NITROPHENOL	ug/l	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U
83-32-9	ACENAPHTHENE	ug/l	0.23 U	0.22 U	0.22 U	9.1 J	0.23 U
208-96-8	ACENAPHTHYLENE	ug/l	0.76 U	0.74 U	0.73 U	0.73 U	0.76 U
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
120-12-7	ANTHRACENE	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
1912-24-9	ATRAZINE	ug/l	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U
100-52-7	BENZALDEHYDE	ug/l	0.84 U	0.81 U	0.8 U	0.8 U	0.84 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
50-32-8	BENZO(A)PYRENE	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.32 U	0.31 U	0.3 U	0.3 U	0.32 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.32 U	0.31 U	0.3 U	0.3 U	0.32 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.21 U	0.2 U	0.2 U	0.2 U	0.21 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.6 U	0.58 U	0.57 U	0.57 U	0.6 U
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.6 U	0.58 U	0.57 U	0.57 U	0.6 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.18 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.17 U
105-60-2	CAPROLACTAM	ug/l	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U
86-74-8	CARBAZOLE	ug/l	0.24 U	0.23 U	0.23 U	0.23 U	0.24 U
218-01-9	CHRYSENE	ug/l	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.46 U	0.44 U	0.44 U	0.44 U	0.46 U
132-64-9	DIBENZOFURAN	ug/l	0.26 U	0.25 U	0.25 U	0.25 U	0.26 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.41 U	0.4 U	0.4 U	0.4 U	0.41 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.24 U	0.23 U	0.23 U	0.23 U	0.24 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.2 U	2.1 U	2.1 U	2.1 U	2.2 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.55 U	0.54 U	0.53 U	0.53 U	0.55 U
206-44-0	FLUORANTHENE	ug/l	0.43 U	0.42 U	0.42 U	0.42 U	0.43 U
86-73-7	FLUORENE	ug/l	0.34 U	0.33 U	0.32 U	0.32 U	0.34 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.2 U	0.19 U	0.19 U	0.19 U	0.2 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.27 U	0.26 U	0.26 U	0.26 U	0.27 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.26 U	0.25 U	0.25 U	0.25 U	0.26 U
67-72-1	HEXACHLOROETHANE	ug/l	0.27 U	0.26 U	0.26 U	0.26 U	0.27 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 U
78-59-1	ISOPHORONE	ug/l	0.33 U	0.32 U	0.31 U	0.31 U	0.33 U
91-20-3	NAPHTHALENE	ug/l	0.13 U	0.13 U	0.13 U	730	21.2
98-95-3	NITROBENZENE	ug/l	0.74 U	0.72 U	0.71 U	0.71 U	0.74 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.65 U	0.63 U	0.63 U	0.63 U	0.65 U
87-86-5	PENTACHLOROPHENOL	ug/l	1.9 U	1.8 U	1.8 U	1.8 U	1.9 U
85-01-8	PHENANTHRENE	ug/l	0.28 U	0.27 U	0.27 U	0.27 U	0.28 U
108-95-2	PHENOL	ug/l	0.23 U	0.22 U	0.22 U	0.22 U	0.23 U
129-00-0	PYRENE	ug/l	0.22 U	0.21 U	0.21 U	0.21 U	0.22 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-10 D5192-12 CTECH D5192 WATER 12/12/2012 11:00 1/28/2013	MW-101 D5192-21 CTECH D5192 WATER 12/13/2012 12:45 1/28/2013	MW-11A D5192-11 CTECH D5192 WATER 12/12/2012 9:05 1/28/2013	MW-11B D5192-10 CTECH D5192 WATER 12/12/2012 8:25 1/28/2013	MW-11C D5192-24 CTECH D5192 WATER 12/14/2012 12:40 1/28/2013
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	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	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	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	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	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ug/l	0.41 U	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	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.48 U	0.48 U	0.48 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	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	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
591-78-6	2-HEXANONE	ug/l	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ
67-64-1	ACETONE	ug/l	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ
71-43-2	BENZENE	ug/l	0.32 U	120	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 U	0.47 UJ	0.47 U	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ
75-15-0	CARBON DISULFIDE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.62 U	0.62 UJ	0.62 U	0.62 U	0.62 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.66 UJ	0.66 U	0.66 UJ	0.66 UJ	0.66 UJ
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	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	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	67
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.52 U	0.52 UJ	0.52 U	0.52 U	0.52 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	0.53 U	13	0.53 U	0.53 U	300
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	2.5 J	0.45 U	0.45 U	20
79-20-9	METHYL ACETATE	ug/l	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ug/l	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.68 U	3.1 J	0.68 U	0.68 U	110
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	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	3.8 J	0.43 U	0.43 U	1300
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	960
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.84 J	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	15
108-88-3	TOLUENE	ug/l	0.37 U	0.58 J	0.37 U	0.37 U	1.6 J
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	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	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	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	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 U	0.34 UJ	0.34 U	0.34 U	0.34 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	1.8 J	0.95 U	0.95 U	3600

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-10 D5192-12 CTECH D5192 WATER 12/12/2012 11:00 1/28/2013	MW-101 D5192-21 CTECH D5192 WATER 12/13/2012 12:45 1/28/2013	MW-11A D5192-11 CTECH D5192 WATER 12/12/2012 9:05 1/28/2013	MW-11B D5192-10 CTECH D5192 WATER 12/12/2012 8:25 1/28/2013	MW-11C D5192-24 CTECH D5192 WATER 12/14/2012 12:40 1/28/2013
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.4 U	0.41 U	0.41 U	0.41 U	0.42 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.56 U	0.57 U	0.57 U	0.57 U	0.59 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.66 U	0.67 U	0.67 U	0.67 U	0.69 UJ
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.71 U	0.72 U	0.72 U	0.72 U	0.75 UJ
51-28-5	2,4-DINITROPHENOL	ug/l	2.1 UJ	2.1 UJ	2.1 UJ	2.1 UJ	2.2 UJ
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1.1 U	1.1 U	1.1 U	1.1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.32 U	0.33 U	0.33 U	0.33 U	0.34 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U
95-57-8	2-CHLOROPHENOL	ug/l	0.54 U	0.55 U	0.55 U	0.55 U	0.57 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.32 U	0.33 U	0.33 U	0.33 U	820
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
88-74-4	2-NITROANILINE	ug/l	0.49 U	0.5 U	0.5 U	0.5 U	0.52 U
88-75-5	2-NITROPHENOL	ug/l	0.52 U	0.53 U	0.53 U	0.53 U	0.55 UJ
91-94-1	3,3'-DICHLOROENZIDINE	ug/l	2 U	2 U	2 U	2 U	2.1 U
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.38 U	0.39 U	0.39 U	0.39 U	0.4 U
99-09-2	3-NITROANILINE	ug/l	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.74 UJ	0.76 UJ	0.76 UJ	0.76 UJ	0.78 UJ
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.23 U	0.23 U	0.23 U	0.23 U	0.24 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.4 U	0.41 U	0.41 U	0.41 U	0.42 UJ
106-47-8	4-CHLOROANILINE	ug/l	2.9 U	2.9 U	2.9 U	2.9 U	3 UJ
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2 U	2 U	2 U	2 U	2.1 U
83-32-9	ACENAPHTHENE	ug/l	0.21 U	46.8	0.21 U	0.21 U	19.5
208-96-8	ACENAPHTHYLENE	ug/l	0.7 U	0.71 U	0.71 U	0.71 U	100
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.14 U	0.14 U	0.14 U	0.15 UJ
120-12-7	ANTHRACENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	6.7 J
1912-24-9	ATRAZINE	ug/l	0.4 U	0.41 U	0.41 U	0.41 U	0.42 U
100-52-7	BENZALDEHYDE	ug/l	0.77 U	0.79 U	0.79 U	0.79 U	0.81 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.29 U	0.3 U	0.3 U	0.3 U	0.31 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.29 U	0.3 U	0.3 U	0.3 U	0.31 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.19 U	0.19 U	0.19 U	0.19 U	0.2 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	61.6
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.55 U	0.56 U	0.56 U	0.56 U	0.58 UJ
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.55 U	0.56 U	0.56 U	0.56 U	0.58 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.17 U	0.17 U	0.17 U	0.17 U	0.18 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.17 U
105-60-2	CAPROLACTAM	ug/l	2 U	2 U	2 U	2 U	2.1 UJ
86-74-8	CARBAZOLE	ug/l	0.22 U	5.8 J	0.22 U	0.22 U	9.5 J
218-01-9	CHRYSENE	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.42 U	0.43 U	0.43 U	0.43 U	0.44 U
132-64-9	DIBENZOFURAN	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	4.5 J
84-66-2	DIETHYL PHTHALATE	ug/l	0.38 U	0.39 U	0.39 U	0.39 U	0.4 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.22 U	0.22 U	0.22 U	0.22 U	0.23 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2 U	2 U	2 U	2 U	2.1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.51 U	0.52 U	0.52 U	0.52 U	0.54 U
206-44-0	FLUORANTHENE	ug/l	0.4 U	0.41 U	0.41 U	0.41 U	0.42 U
86-73-7	FLUORENE	ug/l	0.31 U	8.7 J	0.32 U	0.32 U	46.2
118-74-1	HEXACHLOROBENZENE	ug/l	0.18 U	0.18 U	0.18 U	0.18 U	0.19 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.25 U	0.26 U	0.26 U	0.26 U	0.26 UJ
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.24 U	0.24 U	0.24 U	0.24 U	0.25 U
67-72-1	HEXACHLOROETHANE	ug/l	0.25 U	0.26 U	0.26 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	0.16 U
78-59-1	ISOPHORONE	ug/l	0.3 U	0.31 U	0.31 U	0.31 U	0.32 UJ
91-20-3	NAPHTHALENE	ug/l	0.12 U	29.7	0.12 U	0.12 U	12600
98-95-3	NITROBENZENE	ug/l	0.68 U	0.69 U	0.69 U	0.69 U	0.72 UJ
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.6 U	0.61 U	0.61 U	0.61 U	0.63 U
87-86-5	PENTACHLOROPHENOL	ug/l	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U
85-01-8	PHENANTHRENE	ug/l	0.26 U	0.27 U	0.27 U	0.27 U	43.9
108-95-2	PHENOL	ug/l	0.21 U	0.21 U	0.21 U	0.21 U	0.22 U
129-00-0	PYRENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.21 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-12A D5192-13 CTECH D5192 WATER 12/12/2012 12:15 1/28/2013	MW-12B D5192-14 CTECH D5192 WATER 12/12/2012 13:10 1/28/2013	MW-12C D5192-25 CTECH D5192 WATER 12/14/2012 13:45 1/28/2013	MW-13 D5192-15 CTECH D5192 WATER 12/12/2012 14:30 1/28/2013	MW-14 D5192-23 CTECH D5192 WATER 12/13/2012 14:55 1/28/2013
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	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	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	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	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	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ug/l	0.41 U	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	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.49 J	6.1	1.4 J
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	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	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	4.4 J	0.32 U	13
74-97-5	BROMOCHLOROMETHANE	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	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	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.62 UJ	0.62 UJ	0.62 U	0.62 UJ	0.62 U
75-15-0	CARBON DISULFIDE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.66 UJ	0.66 UJ	0.66 UJ	0.66 UJ	0.66 UJ
67-66-3	CHLOROFORM	ug/l	0.34 U	16	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	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	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.55 U	0.55 U	6.9	0.55 U	20
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.52 U	0.52 U	0.52 U	0.52 U	0.52 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	0.53 U	0.53 U	140	0.53 U	290
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	6.3	0.45 U	8.4
79-20-9	METHYL ACETATE	ug/l	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 UJ	1.3 U	1.3 UJ
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ug/l	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.68 U	0.68 U	12	0.68 U	25
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	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	550	0.43 U	820
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	1700	0.36 U	2900
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U	2.3 J	820	20
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	0.37 U	0.37 U	1200	0.37 U	2200
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	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	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	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	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	0.95 U	1300	0.95 U	1900

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-12A D5192-13 CTECH D5192 WATER 12/12/2012 12:15 1/28/2013	MW-12B D5192-14 CTECH D5192 WATER 12/12/2012 13:10 1/28/2013	MW-12C D5192-25 CTECH D5192 WATER 12/14/2012 13:45 1/28/2013	MW-13 D5192-15 CTECH D5192 WATER 12/12/2012 14:30 1/28/2013	MW-14 D5192-23 CTECH D5192 WATER 12/13/2012 14:55 1/28/2013
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.21 U	0.2 UJ
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.2 U	0.2 U	0.2 U	0.21 U	0.2 UJ
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.4 U	0.41 U	0.41 U	0.41 U	0.41 UJ
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.56 U	0.57 U	0.57 U	0.58 U	0.57 UJ
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.66 U	0.67 U	0.67 UJ	0.68 U	0.67 UJ
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.71 U	0.72 U	0.72 UJ	0.73 U	0.72 UJ
51-28-5	2,4-DINITROPHENOL	ug/l	2.1 UJ	2.1 UJ	2.1 UJ	2.2 UJ	2.1 UJ
121-14-2	2,4-DINITROTOLUENE	ug/l	1 U	1.1 U	1.1 U	1.1 U	1.1 UJ
606-20-2	2,6-DINITROTOLUENE	ug/l	0.32 U	0.33 U	0.33 U	0.33 U	0.33 UJ
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	0.16 UJ
95-57-8	2-CHLOROPHENOL	ug/l	0.54 U	0.55 U	0.55 U	0.56 U	0.55 UJ
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.32 U	0.33 U	1500	0.33 U	480
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.24 U	0.24 U	0.24 U	0.25 U	0.24 UJ
88-74-4	2-NITROANILINE	ug/l	0.49 U	0.5 U	0.5 U	0.51 U	0.5 UJ
88-75-5	2-NITROPHENOL	ug/l	0.52 U	0.53 U	0.53 UJ	0.54 U	0.53 UJ
91-94-1	3,3'-DICHLOROENZIDINE	ug/l	2 U	2 U	2 U	2.1 U	2 U
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.38 U	0.39 U	0.39 U	0.39 U	0.39 UJ
99-09-2	3-NITROANILINE	ug/l	1.1 UJ	1.1 UJ	1.1 U	1.1 UJ	1.1 UJ
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.74 UJ	0.76 UJ	0.76 UJ	0.76 UJ	0.76 UJ
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.23 U	0.23 U	0.23 U	0.24 U	0.23 UJ
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.4 U	0.41 U	0.41 UJ	0.41 U	0.41 UJ
106-47-8	4-CHLOROANILINE	ug/l	2.9 U	2.9 U	2.9 UJ	2.9 U	2.9 UJ
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.21 U	0.21 U	0.21 U	0.22 U	0.21 UJ
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	1.4 U	1.4 U	1.4 UJ
100-02-7	4-NITROPHENOL	ug/l	2 U	2 U	2 U	2.1 U	2 UJ
83-32-9	ACENAPHTHENE	ug/l	0.21 U	0.21 U	64	0.22 U	16.3 J
208-96-8	ACENAPHTHYLENE	ug/l	0.7 U	0.71 U	1100	0.72 U	310
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.14 U	0.14 UJ	0.14 U	0.14 UJ
120-12-7	ANTHRACENE	ug/l	0.16 U	0.16 U	230	0.16 U	5.8 J
1912-24-9	ATRAZINE	ug/l	0.4 U	0.41 U	0.41 U	0.41 U	0.41 UJ
100-52-7	BENZALDEHYDE	ug/l	0.77 U	0.79 U	0.79 U	0.79 U	0.79 UJ
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.16 U	150	0.16 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.14 U	140	0.14 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.29 U	0.3 U	110	0.3 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.29 U	0.3 U	64.1	0.3 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.18 U	0.18 U	38.2	0.19 U	0.18 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.19 U	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	220	0.15 U	46.6 J
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.55 U	0.56 U	0.56 UJ	0.57 U	0.56 UJ
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.55 U	0.56 U	0.56 U	0.57 U	0.56 UJ
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.17 U	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	0.16 U
105-60-2	CAPROLACTAM	ug/l	2 U	2 U	2 UJ	2.1 U	2 UJ
86-74-8	CARBAZOLE	ug/l	0.22 U	0.22 U	8.9 J	0.23 U	4.6 J
218-01-9	CHRYSENE	ug/l	0.18 U	0.18 U	140	0.19 U	0.18 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.42 U	0.43 U	14.3	0.43 U	0.43 U
132-64-9	DIBENZOFURAN	ug/l	0.24 U	0.24 U	22.6	0.25 U	0.24 UJ
84-66-2	DIETHYL PHTHALATE	ug/l	0.38 U	0.39 U	0.39 U	0.39 U	0.39 UJ
131-11-3	DIMETHYL PHTHALATE	ug/l	0.22 U	0.22 U	0.22 U	0.23 U	0.22 UJ
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2 U	2 U	2 U	2.1 U	2 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.51 U	0.52 U	0.52 U	0.53 U	0.52 UJ
206-44-0	FLUORANTHENE	ug/l	0.4 U	0.41 U	280	0.41 U	0.41 U
86-73-7	FLUORENE	ug/l	0.31 U	0.32 U	330	0.32 U	28.5 J
118-74-1	HEXACHLOROBENZENE	ug/l	0.18 U	0.18 U	0.18 U	0.19 U	0.18 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.25 U	0.26 U	0.26 UJ	0.26 U	0.26 UJ
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.24 U	0.24 U	0.24 U	0.25 U	0.24 UJ
67-72-1	HEXACHLOROETHANE	ug/l	0.25 U	0.26 U	0.26 U	0.26 U	0.26 UJ
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.15 U	0.15 U	55.6	0.15 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.3 U	0.31 U	0.31 UJ	0.31 U	0.31 UJ
91-20-3	NAPHTHALENE	ug/l	0.12 U	0.12 U	12500	0.12 U	5700
98-95-3	NITROBENZENE	ug/l	0.68 U	0.69 U	0.69 UJ	0.7 U	0.69 UJ
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.2 U	0.2 U	0.2 U	0.21 U	0.2 UJ
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.6 U	0.61 U	0.61 U	0.62 U	0.61 UJ
87-86-5	PENTACHLOROPHENOL	ug/l	1.7 U	1.8 U	1.8 U	1.8 U	1.8 U
85-01-8	PHENANTHRENE	ug/l	0.26 U	0.27 U	920	0.27 U	44.8
108-95-2	PHENOL	ug/l	0.21 U	0.21 U	0.21 U	0.22 U	0.21 UJ
129-00-0	PYRENE	ug/l	0.2 U	0.2 U	350	0.21 U	0.2 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-15 D5192-20 CTECH D5192 WATER 12/13/2012 11:30 1/28/2013	MW-16 D5192-22 CTECH D5192 WATER 12/13/2012 13:50 1/28/2013	MW-17 D5192-07 CTECH D5192 WATER 12/12/2012 7:15 1/28/2013	MW-18 D5192-16 CTECH D5192 WATER 12/13/2012 7:30 1/28/2013	MW-19 D5192-05 CTECH D5192 WATER 12/11/2012 14:15 1/28/2013
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	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	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	0.45 U
79-00-5	1,1,2-TRICHLOROETHANE	ug/l	0.38 U	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	0.36 U
75-35-4	1,1-DICHLOROETHENE	ug/l	0.47 U	0.47 U	0.47 U	0.47 U	0.47 U
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.62 U	0.62 U	0.62 U	0.62 U	0.62 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ug/l	0.41 U	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	0.45 U
107-06-2	1,2-DICHLOROETHANE	ug/l	7.7	0.48 U	0.48 U	1.4 J	0.48 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	0.46 U	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	0.43 U
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	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	50 UJ
591-78-6	2-HEXANONE	ug/l	1.9 UJ	1.9 UJ	1.9 UJ	1.9 UJ	1.9 U
67-64-1	ACETONE	ug/l	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ	2.8 UJ
71-43-2	BENZENE	ug/l	0.32 U	100	0.32 U	14	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 UJ	0.47 UJ	0.47 UJ	0.47 UJ	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ
75-15-0	CARBON DISULFIDE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ	0.62 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.66 U	0.66 U	0.66 U	0.66 U	0.66 UJ
67-66-3	CHLOROFORM	ug/l	0.34 U	1 J	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.54 U	0.54 U	0.54 U	0.54 U	0.54 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	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	0.31 U
110-82-7	CYCLOHEXANE	ug/l	0.55 U	12	0.55 U	0.55 U	0.55 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.52 UJ	0.52 UJ	0.52 UJ	0.52 UJ	0.52 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.55 U	0.55 U	0.55 U	0.55 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	13	210	0.53 U	0.53 U	0.53 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.53 J	7.5	0.45 U	1.4 J	0.45 U
79-20-9	METHYL ACETATE	ug/l	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ug/l	2.1 U	2.1 U	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	1.1 J	13	0.68 U	0.68 U	0.68 U
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	5 U	0.41 U	0.41 U	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	27	700	0.43 U	15	0.43 U
100-42-5	STYRENE	ug/l	80	1200	0.36 U	0.36 U	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	170	1.5 J	0.35 U	7.5	0.35 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	1.5 J	0.27 U	0.49 J	0.27 U
108-88-3	TOLUENE	ug/l	67	2600	0.37 U	1.2 J	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	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	0.29 U
79-01-6	TRICHLOROETHYLENE (TCE)	ug/l	0.28 U	0.47 J	0.28 U	0.5 J	0.28 U
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	0.35 U
75-01-4	VINYL CHLORIDE	ug/l	0.34 UJ	0.34 U	0.34 U	0.34 U	0.34 U
XYLMP	M,P-XYLENE (SUM OF ISOMERS)	ug/l	56	1300	0.95 U	0.95 U	0.95 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-15 D5192-20 CTECH D5192 WATER 12/13/2012 11:30 1/28/2013	MW-16 D5192-22 CTECH D5192 WATER 12/13/2012 13:50 1/28/2013	MW-17 D5192-07 CTECH D5192 WATER 12/12/2012 7:15 1/28/2013	MW-18 D5192-16 CTECH D5192 WATER 12/13/2012 7:30 1/28/2013	MW-19 D5192-05 CTECH D5192 WATER 12/11/2012 14:15 1/28/2013
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.2 UJ	0.2 U	0.21 U	0.22 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 U	0.2 UJ	0.2 U	0.21 U	0.22 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.41 U	0.4 UJ	0.41 U	0.42 U	0.43 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.58 U	0.56 UJ	0.57 U	0.59 U	0.6 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.68 U	0.66 UJ	0.67 U	0.69 U	0.71 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.73 U	0.71 UJ	0.72 U	0.75 U	0.76 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 UJ	2.1 UJ	2.1 UJ	2.2 UJ	2.3 UJ
121-14-2	2,4-DINITROTOLUENE	ug/l	1.1 U	1 UJ	1.1 U	1.1 U	1.1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.33 U	0.32 UJ	0.33 U	0.34 U	0.34 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.16 UJ	0.16 U	0.17 U	0.17 U
95-57-8	2-CHLOROPHENOL	ug/l	0.56 U	0.54 U	0.55 U	0.57 U	0.58 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.33 U	250	0.33 U	0.34 U	0.34 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.24 U	0.24 U	0.25 U	0.26 U
88-74-4	2-NITROANILINE	ug/l	0.51 U	0.49 UJ	0.5 U	0.52 U	0.53 U
88-75-5	2-NITROPHENOL	ug/l	0.54 U	0.52 UJ	0.53 U	0.55 U	0.56 U
91-94-1	3,3'-DICHLOROENZIDINE	ug/l	2.1 U	2 U	2 U	2.1 U	2.2 U
MEPH3MEPH	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.39 U	0.38 U	0.39 U	0.4 U	0.41 U
99-09-2	3-NITROANILINE	ug/l	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.2 UJ
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.76 UJ	0.74 UJ	0.76 UJ	0.78 UJ	0.8 UJ
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.23 U	0.23 U	0.24 U	0.25 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.41 U	0.4 UJ	0.41 U	0.42 U	0.43 U
106-47-8	4-CHLOROANILINE	ug/l	2.9 U	2.9 UJ	2.9 U	3 U	3.1 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.21 UJ	0.21 U	0.22 U	0.23 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 UJ	1.4 U	1.4 U	1.5 U
100-02-7	4-NITROPHENOL	ug/l	2.1 U	2 UJ	2 U	2.1 U	2.2 U
83-32-9	ACENAPHTHENE	ug/l	0.22 U	8.6 J	0.21 U	0.22 U	0.23 U
208-96-8	ACENAPHTHYLENE	ug/l	5.2 J	68.7 J	0.71 U	5.9 J	0.75 U
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.14 UJ	0.14 U	0.15 U	0.15 U
120-12-7	ANTHRACENE	ug/l	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U
1912-24-9	ATRAZINE	ug/l	0.41 U	0.4 U	0.41 U	0.42 U	0.43 U
100-52-7	BENZALDEHYDE	ug/l	0.79 U	0.77 U	0.79 U	0.81 U	0.83 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.14 U	0.14 U	0.15 U	0.15 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.3 U	0.29 U	0.3 U	0.31 U	0.31 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.3 U	0.29 U	0.3 U	0.31 U	0.31 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 U	0.19 U	0.19 U	0.2 U	0.2 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.15 U	28.7 J	0.15 U	0.16 U	0.16 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.57 U	0.55 UJ	0.56 U	0.58 U	0.59 U
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.57 U	0.55 U	0.56 U	0.58 U	0.59 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.17 U	0.17 U	0.18 U	0.18 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.16 U	0.16 U	0.16 U	0.17 U	0.17 U
105-60-2	CAPROLACTAM	ug/l	2.1 U	2 UJ	2 U	2.1 U	2.2 U
86-74-8	CARBAZOLE	ug/l	0.23 U	0.22 U	0.22 U	0.23 U	0.24 U
218-01-9	CHRYSENE	ug/l	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.43 U	0.42 U	0.43 U	0.44 U	0.45 U
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.24 UJ	0.24 U	0.25 U	0.26 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.39 U	0.38 UJ	0.39 U	0.4 U	0.41 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 U	0.22 UJ	0.22 U	0.23 U	0.24 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.1 U	2 U	2 U	2.1 U	2.2 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.53 U	0.51 U	0.52 U	0.54 U	0.55 U
206-44-0	FLUORANTHENE	ug/l	0.41 U	0.4 U	0.41 U	0.42 U	0.43 U
86-73-7	FLUORENE	ug/l	0.32 U	5 J	0.32 U	0.33 U	0.33 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.18 U	0.18 U	0.19 U	0.19 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.25 UJ	0.26 U	0.26 U	0.27 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.24 UJ	0.24 U	0.25 U	0.26 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.25 U	0.26 U	0.26 U	0.27 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.15 U	0.15 U	0.15 U	0.16 U	0.16 U
78-59-1	ISOPHORONE	ug/l	0.31 U	0.3 UJ	0.31 U	0.32 U	0.32 U
91-20-3	NAPHTHALENE	ug/l	170	6100	0.12 U	0.13 U	0.13 U
98-95-3	NITROBENZENE	ug/l	0.7 U	0.68 UJ	0.69 U	0.72 U	0.73 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.2 U	0.2 U	0.21 U	0.22 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.62 U	0.6 U	0.61 U	0.63 U	0.65 U
87-86-5	PENTACHLOROPHENOL	ug/l	1.8 U	1.7 U	1.8 U	1.8 U	1.8 U
85-01-8	PHENANTHRENE	ug/l	0.27 U	26.4	0.27 U	0.27 U	0.28 U
108-95-2	PHENOL	ug/l	0.22 U	0.21 U	0.21 U	0.22 U	0.23 U
129-00-0	PYRENE	ug/l	0.21 U	0.2 U	0.2 U	0.21 U	0.22 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-20 D5192-06 CTECH D5192 WATER 12/11/2012 15:15 1/28/2013	FB121312 D5192-18 CTECH D5192 WATER 12/13/2012 9:00 1/28/2013	TRIPBLANK D5192-01 CTECH D5192 WATER 12/10/2012 10:00 1/28/2013
CAS NO.	COMPOUND	UNITS:			
	VOLATILES				
71-55-6	1,1,1-TRICHLOROETHANE	ug/l	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
76-13-1	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	ug/l	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
75-34-3	1,1-DICHLOROETHANE	ug/l	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
87-61-6	1,2,3-TRICHLOROBENZENE	ug/l	0.65 U	0.65 U	0.65 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.62 U	0.62 U	0.62 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U
106-93-4	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ug/l	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
107-06-2	1,2-DICHLOROETHANE	ug/l	0.48 U	0.48 U	0.48 U
78-87-5	1,2-DICHLOROPROPANE	ug/l	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
106-46-7	1,4-DICHLOROBENZENE	ug/l	0.32 U	0.32 U	0.32 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 UJ	50 UJ	50 UJ
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	2.8 UJ	2.8 UJ	2.8 UJ
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2.2 U	2.2 U	2.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U
75-25-2	BROMOFORM	ug/l	0.47 U	0.47 U	0.47 U
74-83-9	BROMOMETHANE	ug/l	0.62 UJ	0.62 UJ	0.62 UJ
75-15-0	CARBON DISULFIDE	ug/l	0.54 U	0.54 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.62 U	0.62 U	0.62 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.66 UJ	0.66 UJ	0.66 UJ
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.54 U	0.54 U	0.54 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	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
110-82-7	CYCLOHEXANE	ug/l	0.55 U	0.55 U	0.55 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.52 U	0.52 U	0.52 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.55 U	0.55 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	0.53 U	0.53 U	0.53 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	0.45 U
79-20-9	METHYL ACETATE	ug/l	0.83 U	0.83 U	0.83 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U
108-10-1	METHYL ISOBUTYL KETONE (4-METHYL-2-PENTANONE)	ug/l	2.1 U	2.1 U	2.1 U
108-87-2	METHYLCYCLOHEXANE	ug/l	0.68 U	0.68 U	0.68 U
75-09-2	METHYLENE CHLORIDE	ug/l	0.41 U	3.3 J	0.41 U
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	ug/l	0.43 U	0.43 U	0.43 U
100-42-5	STYRENE	ug/l	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
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U	0.27 U
108-88-3	TOLUENE	ug/l	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
10061-02-6	TRANS-1,3-DICHLOROPROPENE	ug/l	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
75-69-4	TRICHLOROFLUOROMETHANE	ug/l	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
XYLMP	M.P-XYLENE (SUM OF ISOMERS)	ug/l	0.95 U	0.95 U	0.95 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D5192		Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-20 D5192-06 CTECH D5192 WATER 12/11/2012 15:15 1/28/2013	FB121312 D5192-18 CTECH D5192 WATER 12/13/2012 9:00 1/28/2013	TRIPBLANK D5192-01 CTECH D5192 WATER 12/10/2012 10:00 1/28/2013
CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES				
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.2 U	
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 U	0.2 U	
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.42 U	0.4 U	
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.59 U	0.57 U	
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.69 U	0.67 U	
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.75 U	0.72 U	
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 UJ	2.1 UJ	
121-14-2	2,4-DINITROTOLUENE	ug/l	1.1 U	1 U	
606-20-2	2,6-DINITROTOLUENE	ug/l	0.34 U	0.32 U	
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.16 U	
95-57-8	2-CHLOROPHENOL	ug/l	0.57 U	0.55 U	
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.34 U	0.32 U	
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.24 U	
88-74-4	2-NITROANILINE	ug/l	0.52 U	0.49 U	
88-75-5	2-NITROPHENOL	ug/l	0.55 U	0.53 U	
91-94-1	3,3'-DICHLORO BENZIDINE	ug/l	2.1 U	2 U	
MEPH3MEPH3	3- AND 4- METHYLPHENOL (TOTAL)	ug/l	0.4 U	0.38 U	
99-09-2	3-NITROANILINE	ug/l	1.1 UJ	1.1 UJ	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.78 UJ	0.75 UJ	
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.23 U	
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.42 U	0.4 U	
106-47-8	4-CHLOROANILINE	ug/l	3 U	2.9 U	
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.21 U	
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.4 U	
100-02-7	4-NITROPHENOL	ug/l	2.1 U	2 U	
83-32-9	ACENAPHTHENE	ug/l	0.22 U	0.21 U	
208-96-8	ACENAPHTHYLENE	ug/l	0.74 U	0.71 U	
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.14 U	
120-12-7	ANTHRACENE	ug/l	0.17 U	0.16 U	
1912-24-9	ATRAZINE	ug/l	0.42 U	0.4 U	
100-52-7	BENZALDEHYDE	ug/l	0.81 U	0.78 U	
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.16 U	
50-32-8	BENZO(A)PYRENE	ug/l	0.15 U	0.14 U	
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.31 U	0.29 U	
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.31 U	0.29 U	
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.18 U	
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 U	0.19 U	
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.16 U	0.15 U	
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.58 U	0.56 U	
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.58 U	0.56 U	
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.17 U	
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 U	0.16 U	
105-60-2	CAPROLACTAM	ug/l	2.1 U	2 U	
86-74-8	CARBAZOLE	ug/l	0.23 U	0.22 U	
218-01-9	CHRYSENE	ug/l	0.19 U	0.18 U	
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.44 U	0.42 U	
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.24 U	
84-66-2	DIETHYL PHTHALATE	ug/l	0.4 U	0.38 U	
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 U	0.22 U	
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.1 U	2 U	
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.54 U	0.52 U	
206-44-0	FLUORANTHENE	ug/l	0.42 U	0.4 U	
86-73-7	FLUORENE	ug/l	0.33 U	0.31 U	
118-74-1	HEXACHLORO BENZENE	ug/l	0.19 U	0.18 U	
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.25 U	
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.24 U	
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.25 U	
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.16 U	0.15 U	
78-59-1	ISOPHORONE	ug/l	0.32 U	0.3 U	
91-20-3	NAPHTHALENE	ug/l	0.13 U	0.12 U	
98-95-3	NITROBENZENE	ug/l	0.72 U	0.69 U	
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.2 U	
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.63 U	0.61 U	
87-86-5	PENTACHLOROPHENOL	ug/l	1.8 U	1.7 U	
85-01-8	PHENANTHRENE	ug/l	0.27 U	0.26 U	
108-95-2	PHENOL	ug/l	0.22 U	0.21 U	
129-00-0	PYRENE	ug/l	0.21 U	0.2 U	