Consolidated Edison Company of New York
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August 31, 2012

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

Subject: May 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 May 2012 semi-annual groundwater sampling activities, performed in support of the 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 May 21 through May 24, 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*. Between May 21 and May 24, 2012, 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-17, MW-101, and new monitoring wells MW-18 through MW-20). Due to heavy rain throughout May 21, 2012, PID readings were not collected at each monitoring well. An oil/water level interface probe was used 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 using 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. In several instances, water quality parameters were not recorded every five minutes due to high turbidity, fluctuating field parameters, or equipment malfunction. After the water quality parameters stabilized, groundwater samples were collected using a whale 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) VOCs and TCL 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 May 21, 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 beneath the Site at elevations ranging from 176.68 (MW-18) to 185.52 (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 (purge water) were placed in 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 characterization and 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)).

May 2012 Groundwater Sampling - Field Observations

No NAPL was observed within the monitoring wells sampled during the May 2012 groundwater sampling event with the exception of MW-12C which exhibited 0.05 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-1 portion of the Site. Hydrocarbon odors were noted during the purging of MW-8, MW-9, MW-11C, MW-12C, MW-14, MW-16, and MW-101. A slight sheen 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 May 2012 semi-annual groundwater sampling event. Field measurements and observations as well as analytical results from the groundwater investigation are summarized below.

Field Measurements

No NAPL or sheens were noted in purge water extracted from any of the wells with the exception of MW-12C where slight sheens were observed. Visual descriptions and observations made during the groundwater sampling activities are presented within the Groundwater Sampling Records provided in Attachment 1.

VOCs

A total of thirteen (13) 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, ethyl benzene, 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-14, MW-16, and MW-101). 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 seven (7) monitoring wells (MW-9, MW-12C, MW-14, MW-15, MW-16, MW-18, and MW-101). Ethylbenzene was detected above its AWQSGV in six (6) monitoring wells (MW-9, MW-11C, MW-12C, MW-14, MW-15, and MW-16). Toluene was detected above its AWQSGV in six (6) monitoring wells (MW-9, MW-12C, MW-14, MW-15, MW-16, and MW-101). 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-101). M/P-xylene was detected above its AWQSGV in eight (8) monitoring wells (MW-8, MW-9, MW-11C, MW-12C, MW-14, MW-15, MW-16, and MW-101). CVOC 1,2-dichloroethane was detected above its AWQSGV in monitoring wells MW-9, MW-13, 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 seven (7) PAHs were detected at least once in the groundwater samples collected during the semi-annual groundwater sampling event. Of these, one (1) SVOCs (biphenyl (diphenyl) and one (1) PAH (naphthalene) were detected at concentrations exceeding their AWQSGVs. Biphenyl (diphenyl) was detected above its AWQSGV in four (4) monitoring wells (MW-11C, MW-12C, MW-14, and MW-16). Naphthalene was detected above its AWQSGV in eight (8) monitoring wells (MW-8, MW-9, MW-11C, MW-12C, MW-14, MW-15, MW-16, and MW-101).

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

The results of the groundwater sampling activities conducted at the Site in May 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-11B, MW-12A, MW-12B, MW-13, MW-17, MW-19, and MW-20. Increased BTEX concentrations have been exhibited in monitoring wells MW-8, MW-11A, MW-11C, MW-14, MW-15, MW-18, and MW-101. Monitoring wells MW-16 and MW-9 exhibited a reduction in BTEX concentrations. BTEX concentrations generally remained consistent at MW-12C.

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-11C, MW-12C, MW-14, MW-15, and MW-101. Monitoring wells MW-16 and MW-9 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 analytical results from the May 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. Following the next sampling round, the data will be evaluated and recommendations will be made for future monitoring activities.

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: Charlotte Bethoney, NYSDOH – 1 copy
Nathaniel Barber, 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

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	2.30	185.52	ND	5 - 15	16.05
MW-7	189.51	8.57	180.94	ND	7 - 17	16.10
MW-8	202.08	23.34	178.74	ND	20 - 40	39.50
SB-1	189.10	No longer exists				
TB-5	189.50	No longer exists				
RW-1	204.60	25.41	179.19	ND	16 - 51	49.55
RW-2	200.05	22.54	177.51	ND	18 - 48	44.35
RW-3	203.60	24.87	178.73	Tar on tip of probe	20 - 50	49.95
RW-4	200.90	23.46	177.44	Tar on tip of probe	17 - 57	52.80
RW-5	200.04	22.49	177.55	ND	14 - 54	50.90
RW-6	203.55	24.65	178.90	ND	19 - 49	48.85
RW-7	203.97	23.80	180.17	ND	17.5 - 47.5	45.55
PZ-1	203.63	24.57	179.06	ND	15 - 35	36.53
PZ-2	203.59	24.50	179.09	ND	15 - 35	35.45
PZ-3	200.21	23.70	176.51	ND	15 - 35	33.90
PZ-4	200.14	23.75	176.39	ND	15 - 35	34.67
MW-101	203.07	25.40	177.67	ND	NA	61.1

Notes:
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	21.00	177.45	ND	52 - 62	49.78
MW-11A	201.82	24.30	177.52	ND	40 - 50	26.78
MW-11B	201.97	24.52	177.45	ND	22 - 27	35.95
MW-11C	201.74	24.30	177.44	ND	31 - 36	49.75
MW-12A	205.13	27.55	177.58	ND	40 - 50	30.60
MW-12B	204.96	27.56	177.40	ND	21 - 36	44.50
MW-12C	205.14	27.86	177.32	60.00	38 - 45	60.05
MW-13	204.84	27.67	177.17	ND	50 - 60	64.6
MW-14	205.00	27.95	177.05	ND	55 - 65	64.50
MW-15	207.60	30.72	176.88	ND	55 - 65	66.60
MW-16	205.96	28.83	177.13	ND	57 - 67	64.40
MW-17	204.95	27.80	177.15	ND	55 - 65	49.90
MW-9	207.34	30.36	176.98	ND	38 - 50	62.15
MW-18	208.9	32.22	176.68	ND	60 - 70	71.83
MW-19	188.24	8.68	179.56	ND	5 - 20	20.15
MW-20	191.58	14.54	177.04	ND	5 - 20	20.1

Notes:

TOC = Top of Casing
DTW = Depth to Water
DTP = Depth to Product
DTB =Depth to Bottom

Table 2
Summary of Laboratory Groundwater Analytical Results
May 2012 Semi Annual - White Plains Former MGP Site
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Con Ed - White Plains Validated Groundwater Analytical Data Detected Compound Summary D2849		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-6 D2849-01 - CTECH D2849 WATER 5/22/2012 7:40 7/22/2012	MW-7 D2849-13 - CTECH D2849 WATER 5/22/2012 7:52 7/22/2012	MW-8 D2849-05 - CTECH D2849 WATER 5/22/2012 15:55 7/22/2012	Dup of MW-8 MW-8A D2849-06 - CTECH D2849 WATER 5/22/2012 16:00 7/22/2012	MW-9 D2849-10 - CTECH D2849 WATER 5/23/2012 9:20 7/22/2012	MW-10 D2849-14 - CTECH D2849 WATER 5/22/2012 10:15 7/22/2012	MW-101 D2849-07 - CTECH D2849 WATER 5/23/2012 7:40 7/22/2012
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-66-3	CHLOROFORM	7	ug/l	ND	ND	ND	ND	ND	ND	ND
110-82-7	CYCLOHEXANE	--	ug/l	ND	ND	0.99 J	1.1	0.92 J	ND	24
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	ND	8.9	9.7	ND	ND	23
108-87-2	METHYLCYCLOHEXANE	--	ug/l	ND	ND	4.1	4.2	0.8 J	ND	21
100-42-5	STYRENE	5	ug/l	ND	ND	ND	ND	32	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10	ug/l	ND	ND	ND	ND	2.8	0.62 J	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	0.49 J	0.63 J	ND	ND	ND
	BTEX									
71-43-2	BENZENE	1	ug/l	ND	ND	ND	ND	4.9	ND	510
100-41-4	ETHYLBENZENE	5	ug/l	ND	ND	2.2	2.5	13	ND	ND
108-88-3	TOLUENE	5	ug/l	ND	ND	ND	ND	94	ND	7
XYLMP	M,P-XYLENES	5	ug/l	ND	ND	9	9.9	35	ND	83
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	ND	2.3	2.7	26	ND	110
	CVOCs									
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	1.4	ND	ND
	TOTAL VOCs			**ND**	**ND**	**27.98**	**30.73**	**210.82**	**0.62 J**	**778**
	SEMIVOLATILES									
100-52-7	BENZALDEHYDE	--	ug/l	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND	ND	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/l	ND	ND	ND	ND	ND	ND	6.8 J
	PAHs									
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	ND	7.9 J	7.1 J	ND	ND	51
208-96-8	ACENAPHTHYLENE	--	ug/l	ND	ND	ND	ND	4.5 J	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	9.6 J
91-57-6	2-METHYLNAPHTHALENE	--	ug/l	ND	ND	22	19	4.9 J	ND	14
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND	740	660	180	ND	540
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
	Total PAHs			ND	ND	**769.9**	**686.1**	**189.4**	ND	**614.6**
	Total SVOCs			**ND**	**ND**	**769.9**	**686.1**	**189.4**	**ND**	**621.4**

Notes:

	Indicates concentration exceeds standard or guidance value.
(G)	Indicates guidance value.
--	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
May 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 D2849		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-11A D2849-03 - CTECH D2849 WATER 5/22/2012 10:45 7/22/2012	MW-11B D2849-04 - CTECH D2849 WATER 5/22/2012 12:50 7/22/2012	MW-11C D2849-25 - CTECH D2849 WATER 5/24/2012 10:00 7/22/2012	MW-12A D2849-15 - CTECH D2849 WATER 5/22/2012 11:56 7/22/2012	MW-12B D2849-17 - CTECH D2849 WATER 5/23/2012 7:00 7/22/2012	MW-12C D2849-20 - CTECH D2849 WATER 5/24/2012 11:07 7/22/2012	MW-13 D2849-18 - CTECH D2849 WATER 5/23/2012 8:42 7/22/2012
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-66-3	CHLOROFORM	7	ug/l	ND	ND	ND	ND	16	ND	ND
110-82-7	CYCLOHEXANE	--	ug/l	ND	ND	66	ND	ND	8.7 J	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	ND	ND	22	ND	ND	2.9 J	ND
108-87-2	METHYLCYCLOHEXANE	--	ug/l	ND	ND	120	ND	ND	16 J	ND
100-42-5	STYRENE	5	ug/l	ND	ND	940	ND	ND	540	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10	ug/l	ND	ND	ND	ND	ND	2.5 J	410
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	18 J	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND
	BTEX									
71-43-2	BENZENE	1	ug/l	ND	ND	ND	ND	ND	3.3 J	ND
100-41-4	ETHYLBENZENE	5	ug/l	ND	ND	350	ND	ND	81 J	ND
108-88-3	TOLUENE	5	ug/l	0.41 J	ND	1.4 J	ND	ND	440	ND
XYLMP	M,P-XYLENES	5	ug/l	ND	ND	3200	ND	ND	470	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	ND	ND	1200	ND	ND	180	ND
	CVOCs									
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	ND	ND	ND	ND	ND	ND	4.4
	TOTAL VOCs			**0.41 J**	**ND**	**5917.4**	**ND**	**16**	**1744.4**	**414.4**
	SEMIVOLATILES									
100-52-7	BENZALDEHYDE	--	ug/l	ND	ND	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	ND	ND	60	ND	ND	23	ND
86-74-8	CARBAZOLE	--	ug/l	ND	ND	6.7 J	ND	ND	ND	ND
	PAHs									
83-32-9	ACENAPHTHENE	20 (G)	ug/l	ND	ND	17	ND	ND	7.2 J	ND
208-96-8	ACENAPHTHYLENE	--	ug/l	ND	ND	110	ND	ND	160	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	5.4 J	ND	ND	5.3 J	ND
86-73-7	FLUORENE	50 (G)	ug/l	ND	ND	44	ND	ND	14	ND
91-57-6	2-METHYLNAPHTHALENE	--	ug/l	ND	ND	920	ND	ND	230	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	ND	ND	15000	ND	ND	2700	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	ND	ND	43	ND	ND	26	ND
	Total PAHs			ND	ND	**16139.4**	ND	ND	**3142.5**	ND
	Total SVOCs			**ND**	**ND**	**16206.1**	**ND**	**ND**	**3165.5**	**ND**

Notes:

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

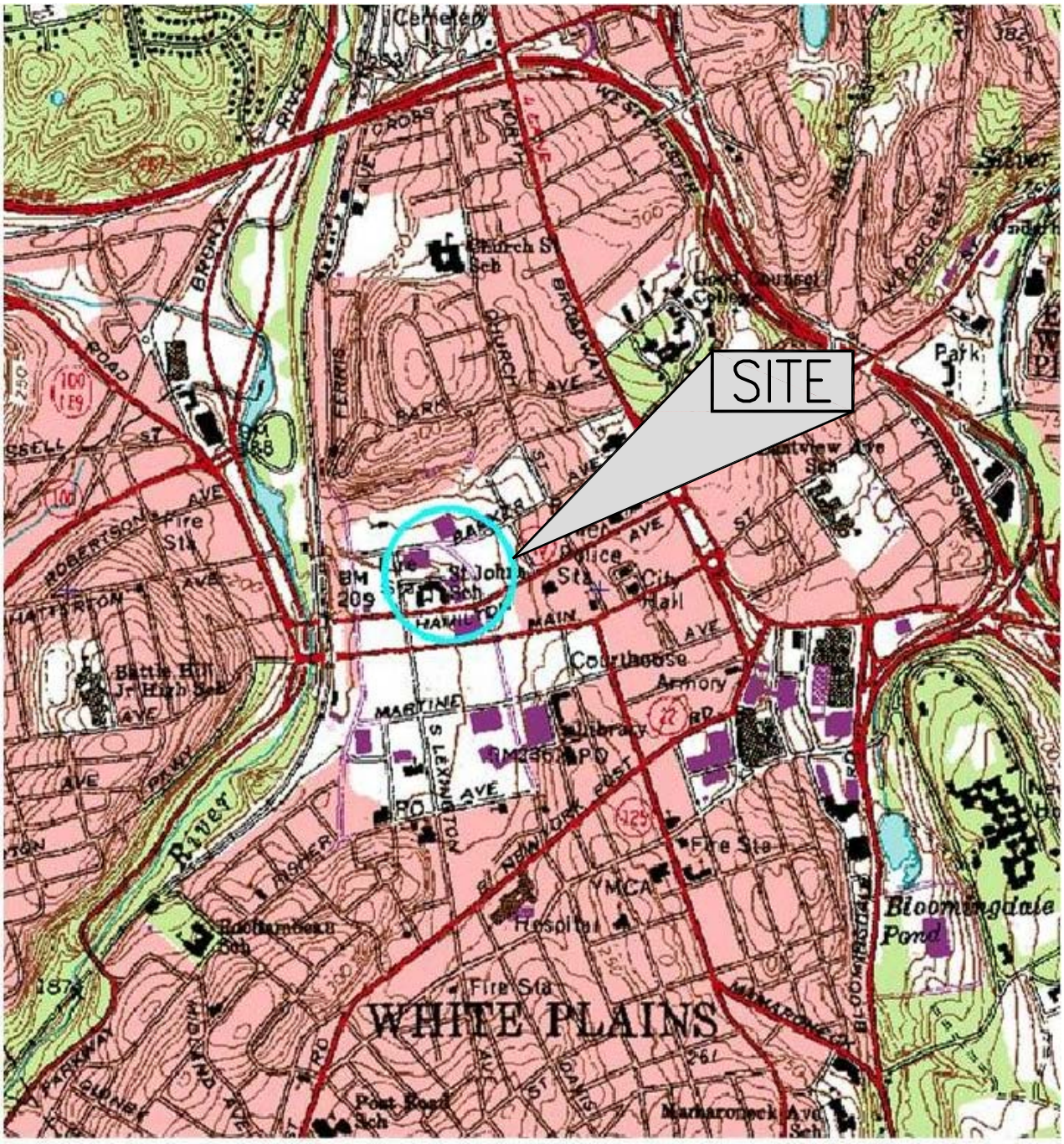
Table 2
Summary of Laboratory Groundwater Analytical Results
May 2012 Semi Annual - White Plains Former MGP Site
Consolidated Edison Company of New York

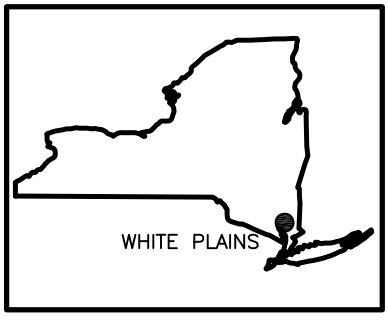
Con Ed - White Plains Validated Groundwater Analytical Data Detected Compound Summary D2849		NYSDEC Class GA Groundwater Standards/Guidance Values [1]	Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14 D2849-21 - CTECH D2849 WATER 5/24/2012 9:11 7/22/2012	MW-15 D2849-24 - CTECH D2849 WATER 5/24/2012 8:05 7/22/2012	MW-16 D2849-11 - CTECH D2849 WATER 5/23/2012 12:10 7/22/2012	MW-17 D2849-16 - CTECH D2849 WATER 5/22/2012 14:40 7/22/2012	MW-18 D2849-19 - CTECH D2849 WATER 5/23/2012 10:58 7/22/2012	MW-19 D2849-12 - CTECH D2849 WATER 5/21/2012 14:40 7/22/2012	MW-20 D2849-02 - CTECH D2849 WATER 5/22/2012 9:15 7/22/2012
CAS NO.	COMPOUND		UNITS:							
	VOLATILES									
67-66-3	CHLOROFORM	7	ug/l	ND	ND	2.5	ND	4.9 J	ND	ND
110-82-7	CYCLOHEXANE	--	ug/l	25	2.6 J	13	ND	ND	ND	ND
98-82-8	ISOPROPYLBENZENE (CUMENE)	5	ug/l	6.2	1 J	10	ND	0.67 J	ND	ND
108-87-2	METHYLCYCLOHEXANE	--	ug/l	42	4.1 J	20	ND	ND	ND	ND
100-42-5	STYRENE	5	ug/l	1800	160	420	ND	ND	ND	ND
1634-04-4	TERT-BUTYL METHYL ETHER	10	ug/l	19	180	1.9	ND	7.6	ND	ND
127-18-4	TETRACHLOROETHYLENE(PCE)	5	ug/l	ND	ND	1.3	ND	ND	ND	ND
79-01-6	TRICHLOROETHYLENE (TCE)	5	ug/l	ND	ND	ND	ND	ND	ND	ND
	BTEX									
71-43-2	BENZENE	1	ug/l	8.4	1.8 J	40	ND	6.4	ND	ND
100-41-4	ETHYLBENZENE	5	ug/l	210	29	90	ND	ND	ND	ND
108-88-3	TOLUENE	5	ug/l	1500	150	680	ND	ND	ND	ND
XYLMP	M,P-XYLENES	5	ug/l	1400	150	660	ND	ND	ND	ND
95-47-6	O-XYLENE (1,2-DIMETHYLBENZENE)	5	ug/l	560	69	310	ND	1.8 J	ND	ND
	CVOCs									
107-06-2	1,2-DICHLOROETHANE	0.6	ug/l	1.6 J	9	ND	ND	1.9 J	ND	ND
	TOTAL VOCs			**5572.2**	**756.5**	**2248.7**	**ND**	**23.27**	**ND**	**ND**
	SEMIVOLATILES									
100-52-7	BENZALDEHYDE	--	ug/l	ND	4.6 J	ND	ND	ND	ND	ND
92-52-4	BIPHENYL (DIPHENYL)	5	ug/l	32	ND	21	ND	ND	ND	ND
86-74-8	CARBAZOLE	--	ug/l	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	ACENAPHTHENE	20 (G)	ug/l	12	ND	6.7 J	ND	ND	ND	ND
208-96-8	ACENAPHTHYLENE	--	ug/l	260	15	56	ND	6.5 J	ND	ND
120-12-7	ANTHRACENE	50 (G)	ug/l	ND	ND	ND	ND	ND	ND	ND
86-73-7	FLUORENE	50 (G)	ug/l	17	ND	5.6 J	ND	ND	ND	ND
91-57-6	2-METHYLNAPHTHALENE	--	ug/l	390	6.5 J	65	ND	ND	ND	ND
91-20-3	NAPHTHALENE	10 (G)	ug/l	5600	460	34	ND	ND	ND	ND
85-01-8	PHENANTHRENE	50 (G)	ug/l	33	ND	19	ND	ND	ND	ND
	Total PAHs			**6312**	**481.5**	**186.3**	ND	**6.5**	ND	ND
	Total SVOCs			**6344**	**486.1**	**207.3**	**ND**	**6.5**	**ND**	**ND**

Notes:

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

FIGURES





QUADRANGLE LOCATION
NEW YORK

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

FIGURE 1

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

SITE LOCATION MAP

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

WATER STREET

NORTH LEXINGTON AVENUE

MARTIN LUTHER KING ST.

NEW STREET

HAMILTON STREET

MW-20
MW 20
TOP OF WELL: 192.06'
TOP OF PVC: 191.58'

MW-6

MW-5
decommissioned

MW-7

MW-2
decommissioned

MW-19
MW 19
TOP OF WELL: 188.74'
TOP OF PVC: 188.24'

MW-1
(NA)

MW-3
(NA)

MW-4
(NA)

MW-101

MW-8

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

PZ-1 PZ-2 PZ-3 PZ-4

STOCKADE FENCE

CHAIN LINK FENCE

MH

HYD

MW-17

MW-11C
MW-11B
MW-11A

MW-10

CB

ST. JOHNS RECTORY

3 STORY SCHOOL

ASPHALT PARKING LOT

MW-16

MW-12C
MW-12B
MW-12A

CHURCH

GYMNASIUM

GRASSED LAWN AREA

MW-9

MW-14

MW-13

MW-15

TS

MW-18
MW 18
TOP OF WELL: 209.16'
TOP OF PVC: 208.90'

TSP

30' 0 60'

GRAPHIC SCALE 1"=60'

N

LEGEND:

- MONITORING WELL (2009)
- NEWLY INSTALLED MONITORING WELLS (MWs 18, 19 & 20)
- PREVIOUSLY INSTALLED MONITORING WELL
- (NA) NO LONGER ACCESSIBLE

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

FILE NAME: P:\CONEDISON\WHITE PLAINS, NY\CAD\2012 GWMR\446107-SK001.DWG
PLOT DATE: 8/31/2012 4:25 PM PLOTTED BY: MCFARLANE, TANESHA

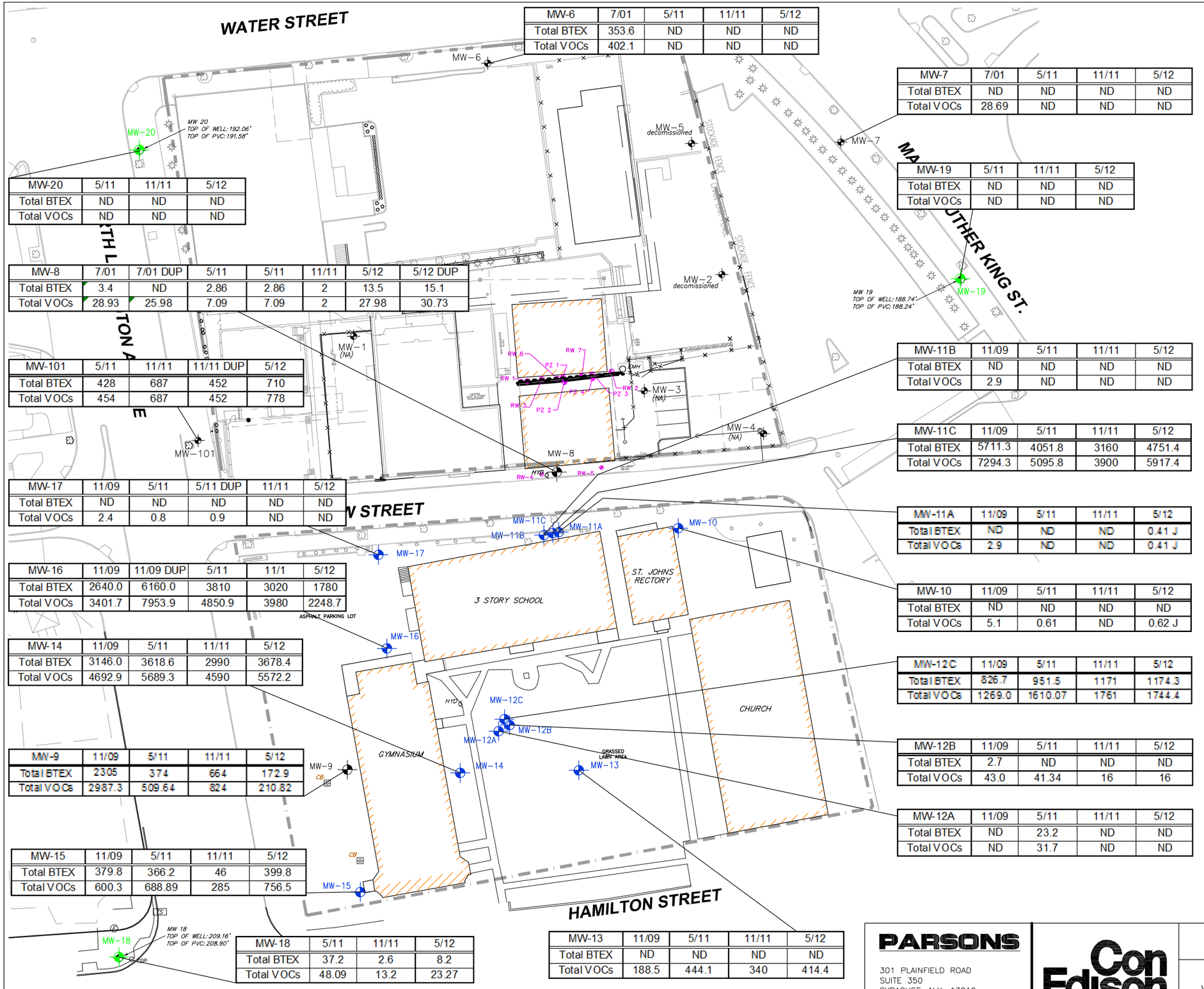
PARSONS
301 PLAINFIELD ROAD
SUITE 350
SYRACUSE, N.Y. 13212
PHONE: (315) 451-9560
FAX: (315) 451-9570

Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

MONITORING WELL LOCATION MAP

FIGURE NO. 2



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

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

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

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

MW-8	7/01	7/01 DUP	5/11	5/11	11/11	5/12	5/12 DUP
Total BTEX	3.4	ND	2.86	2.86	2	13.5	15.1
Total VOCs	28.93	25.98	7.09	7.09	2	27.98	30.73

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

MW-101	5/11	11/11	11/11 DUP	5/12
Total BTEX	428	687	452	710
Total VOCs	454	687	452	778

MW-11C	11/09	5/11	11/11	5/12
Total BTEX	5711.3	4051.8	3160	4751.4
Total VOCs	7294.3	5095.8	3900	5917.4

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

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

MW-16	11/09	11/09 DUP	5/11	11/1	5/12
Total BTEX	2640.0	6160.0	3810	3020	1780
Total VOCs	3401.7	7953.9	4850.9	3980	2248.7

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

MW-14	11/09	5/11	11/11	5/12
Total BTEX	3146.0	3618.6	2990	3678.4
Total VOCs	4692.9	5689.3	4590	5572.2

MW-12C	11/09	5/11	11/11	5/12
Total BTEX	826.7	951.5	1171	1174.3
Total VOCs	1269.0	1610.07	1761	1744.4

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

MW-9	11/09	5/11	11/11	5/12
Total BTEX	2305	374	664	172.9
Total VOCs	2987.3	509.64	824	210.82

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

MW-15	11/09	5/11	11/11	5/12
Total BTEX	379.8	366.2	46	399.8
Total VOCs	600.3	688.89	285	756.5

MW-18	5/11	11/11	5/12
Total BTEX	37.2	2.6	8.2
Total VOCs	48.09	13.2	23.27

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

LEGEND:

- MONITORING WELL (2009)
- NEWLY INSTALLED MONITORING WELLS (MWs 18, 19 & 20)
- PREVIOUSLY INSTALLED MONITORING WELL
- (NA) NO LONGER ACCESSIBLE

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

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

30' 0 60'
GRAPHIC SCALE1"=60'

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

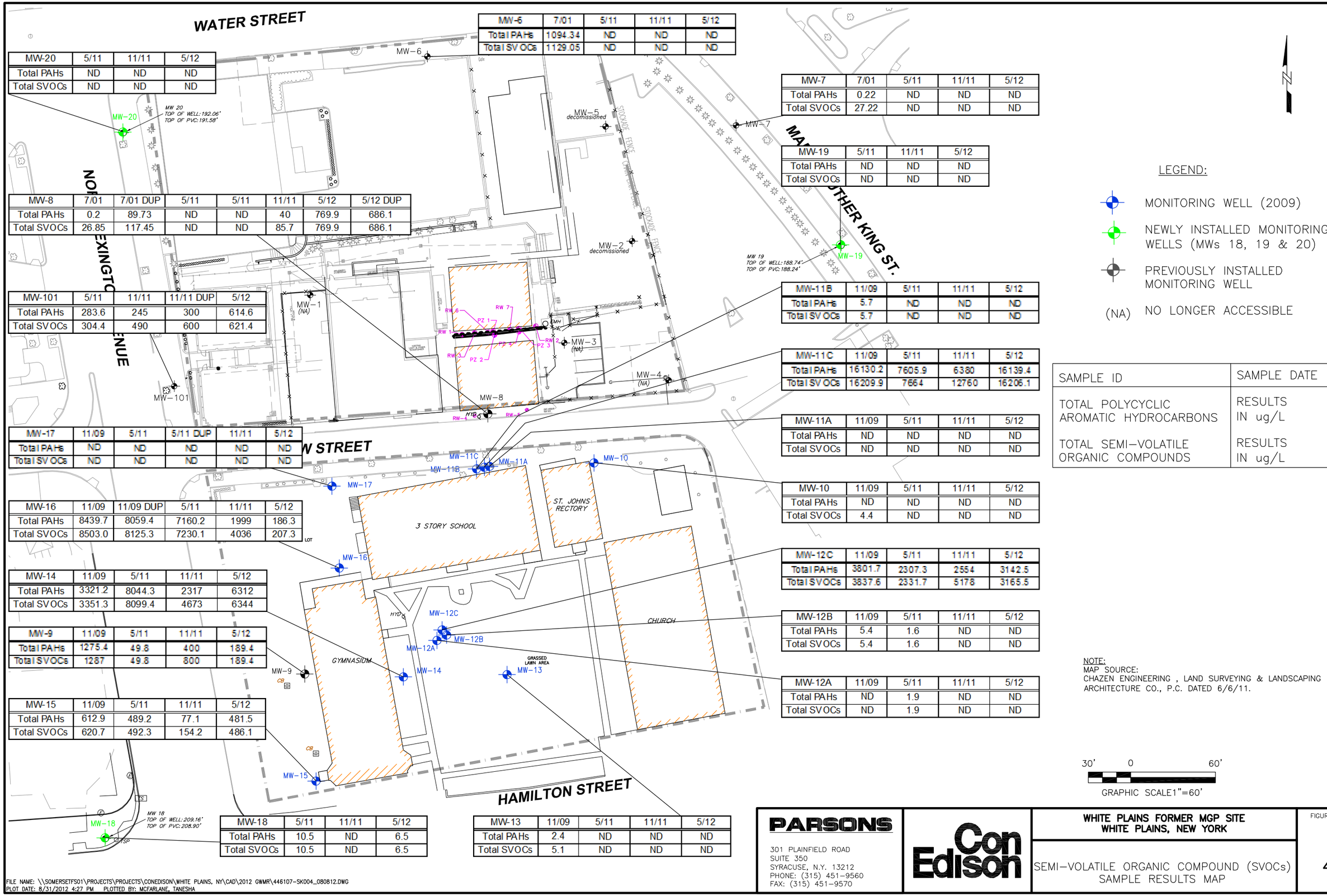
Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

VOLATILE ORGANIC COMPOUNDS (VOCs)
SAMPLE RESULTS MAP

FIGURE NO. 3

FILE NAME: \\SOMERSETFS01\PROJECTS\PROJECTS\CONEDISON\WHITE PLAINS, NY\CAD\2012 GWMR\446107-SK003_080812.DWG
PLOT DATE: 8/31/2012 4:26 PM PLOTTED BY: MCFARLANE, TANESHA



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

LEGEND:

- MONITORING WELL (2009)
- NEWLY INSTALLED MONITORING WELLS (MWs 18, 19 & 20)
- PREVIOUSLY INSTALLED MONITORING WELL
- (NA) NO LONGER ACCESSIBLE

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

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

30' 0 60'
GRAPHIC SCALE1"=60'

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

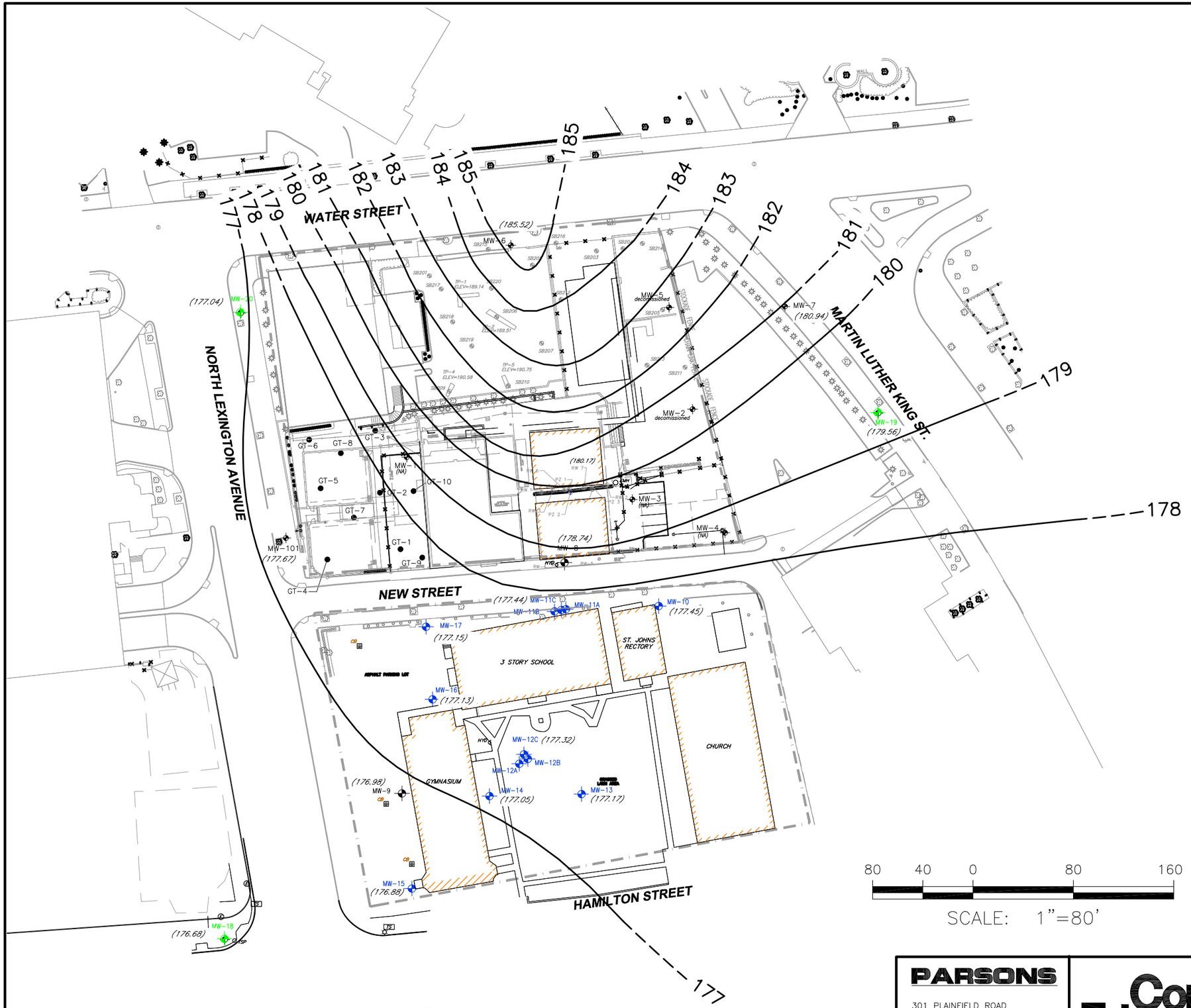
Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

SEMI-VOLATILE ORGANIC COMPOUND (SVOCs) SAMPLE RESULTS MAP

FIGURE NO. 4

FILE NAME: \\SOMERSETFS01\PROJECTS\PROJECTS\CONEDISON\WHITE PLAINS, NY\CAD\2012 GWMR\446107-SK004_080812.DWG
PLOT DATE: 8/31/2012 4:27 PM PLOTTED BY: MCFARLANE, TANESHA



LEGEND:

- GROUNDWATER ELEVATION CONTOUR
- INFERRED GROUNDWATER ELEVATION CONTOUR
- MONITORING WELL (2009)
- PREVIOUSLY INSTALLED MONITORING WELL
- NEWLY INSTALLED MONITORING WELLS (MWs 18, 19, & 20)
- (NA) NO LONGER ACCESSIBLE

NOTES:

1. MONITORING WELL GAUGING WAS PERFORMED BY PARSONS, INC. ON MAY 21, 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)

80 40 0 80 160

SCALE: 1"=80'

PARSONS
301 PLAINFIELD ROAD
SUITE 350
SYRACUSE, N.Y. 13212
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Con Edison

WHITE PLAINS FORMER MGP SITE
WHITE PLAINS, NEW YORK

GROUNDWATER ELEVATION CONTOUR MAP
MAY 2012

FIGURE NO. 5

FILE NAME: P:\CONEDISON\WHITE PLAINS, NY\CAD\2012 GWMR\446107-SK002.DWG
PLOT DATE: 8/15/2012 4:53 PM PLOTTED BY: MCFARLANE, TANESHA

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: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-6
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 1.65
Depth to Well Bottom (TOC): 16.05

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =	Gallons
2-inch Casing:	Ft. of Water in Well	14.40	x 0.16 = 2.30	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0705	0710	0715	00720	0725	0730	0735	0740
Depth To Water (TOC) (ft)	2.77	2.85	3.4	3.1	3.5	3.7	3.8	3.5
Depth To Pump (TOC) (ft)	15.05	15.05	15.05	15.05	15.05	15.05	15.05	15.05
Flow Rate (ml/min)	~300	~200	~300	~200	~300	~300	~300	~200
Volume of Water Purged	~0.5	~0.75	~1.5	~2.0	~2.5	~3.0	~3.5	~4.0
pH (s.u.)	6.76	6.78	6.8	6.82	6.81	6.8	6.8	6.79
Conductivity (mS/cm)	0.835	0.796	0.729	0.704	0.671	0.655	0.651	0.648
Turbidity (NTUs)	14.5	14.1	20.8	14.9	10.1	0	0	0
Dissolved Oxygen (mg/L)	6.2	5.82	5.27	5.11	4.82	4.55	4.49	4.49
Temperature (Degrees C)	16.35	16.35	16.41	16.63	16.71	16.81	16.75	16.70
ORP (mV)	255	257	271	275	280	283	284	285
Salinity (%)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TDS (g/L)	0.519	0.513	0.466	0.45	0.43	0.42	0.42	0.42

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Collected sample MW-6 at 0740, ~4.0 Gallons Purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-7
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 7.94
Depth to Well Bottom (TOC): 18.00

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =	Gallons
2-inch Casing:	Ft. of Water in Well	10.06	x 0.16 =	1.61 Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0722	0727	0732	0737	0742	0747	0752
Depth To Water (TOC) (ft)	7.94	7.94	7.94	7.94	7.94	7.94	7.94
Depth To Pump (TOC) (ft)	17	17	17	17	17	17	17
Flow Rate (ml/min)	~300	~300	~300	~300	~300	~300	~300
Volume of Water Purged	~0.5	~1.0	~1.5	~2.0	~2.5	~3.0	~4.0
pH (s.u.)	7.36	7.35	7.34	7.32	7.32	7.31	7.30
Conductivity (mS/cm)	1.70	1.75	1.80	1.85	1.87	1.91	1.95
Turbidity (NTUs)	43.9	15.8	5.4	0.5	0	0	0
Dissolved Oxygen (mg/L)	5.55	5.19	4.18	4.42	3.03	2.60	2.71
Temperature (Degrees C)	14.15	14.06	14.08	13.99	14.11	14.19	14.18
ORP (mV)	-29	-49	-60	-68	-73	-77	-80
Salinity (%)	0.5	0.5	0.6	0.6	0.6	0.6	0.6
TDS (g/L)	5.42	5.33	4.12	1.19	1.2	1.23	1.25

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Collected sample MW-7 at 0752, ~4.0 Gallons Purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-8 and duplicate MW-8A
Sampling Method: Low flow purge (Whale Pump)

WELL PURGING

Static Water Level (TOC): 23.30
Depth to Well Bottom (TOC): 39.50

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Well 16.20	x 0.16 =	2.59	Gallons
3-inch Casing:	Ft. of Water in Well	x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well	x 0.64 =		Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : Slight Hydrocarbon Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1520	1530	1532	1540	1545	1550	1555
Depth To Water (TOC) (ft)	23.30	23.35	23.34	23.31	23.33	23.32	NA
Depth To Pump (TOC) (ft)	38.5	38.5	38.5	38.5	38.5	38.5	NA
Flow Rate (ml/min)	~250	~250	~300	~350	~300	~250	NA
Volume of Water Purged	~0.75	~1.25	~2	~2.5	~3.25	~3.75	NA
pH (s.u.)	7.0	6.98	6.98	6.99	7.0	7.0	NA
Conductivity (mS/cm)	3.75	3.49	3.27	2.84	2.79	2.79	NA
Turbidity (NTUs)	5.4	0	0	0	0	0	NA
Dissolved Oxygen (mg/L)	8.51	7.3	6.83	5.94	5.73	5.32	NA
Temperature (Degrees C)	17.0	16.95	16.89	16.82	16.89	16.83	NA
ORP (mV)	-18	-20	-20	-22	-25	-25	NA
Salinity (%)	1.4	1.2	1.1	1.0	0.9	0.9	NA
TDS (g/L)	2.4	2.23	2.06	1.82	1.77	1.77	NA

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1555; purged approximately 3.75 gallons

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 23, 2012
Sampling Date: May 23, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 30.25
Depth to Well Bottom (TOC): 62.15

CALCULATIONS:				
2-inch Casing:	Ft. of Water in Well 31.90	x 0.16 =	5.10	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	0845	0850	0855	0900	0905	0910	0915	0920
Depth To Water (TOC) (ft)	30.39	30.42	30.43	30.42	30.39	30.41	30.40	30.43
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)	~250	~300	~300	~300	~300	~300	~300	~350
Volume of Water Purged	~0.5	~1	~1.5	~2	~2.5	~3.0	~3.5	~4.0
pH (s.u.)	7.19	7.22	7.21	7.21	7.2	7.21	7.2	7.2
Conductivity (mS/cm)	3.19	3.23	3.25	3.26	3.28	3.29	3.32	3.35
Turbidity (NTUs)	84.6	75	41.3	12.6	10.1	9.8	7.1	5.5
Dissolved Oxygen (mg/L)	9.84	2.93	1.73	1.71	1.69	1.67	1.66	1.66
Temperature (Degrees C)	16.97	15.59	15.60	15.71	15.53	15.57	15.78	15.71
ORP (mV)	-79	-76	-84	-87	-89	-92	-94	-95
Salinity (%)	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
TDS (g/L)	2.04	2.05	2.07	2.06	2.07	2.07	2.07	2.08

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 0920; purged approximately 4.0 gallons

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 20.28
Depth to Well Bottom (TOC): 49.80

CALCULATIONS:				
2-inch Casing:	Ft. of Water in Well 29.52	x 0.16 =	4.72	Gallons
3-inch Casing:	Ft. of Water in Well	x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well	x 0.64 =		Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0935	0941	0950	0955	1000	1005	1010	1015
Depth To Water (TOC) (ft)	20.85	21.91	21.91	20.87	20.85	20.87	20.87	20.86
Depth To Pump (TOC) (ft)	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
Flow Rate (ml/min)	~250	~250	~250	~250	~250	~250	~250	~250
Volume of Water Purged	~1.5	~1.75	~1.9	~2.20	~2.5	~2.7	~3.0	~3.2
pH (s.u.)	7.07	7.06	7.05	7.05	7.04	7.04	7.03	7.03
Conductivity (mS/cm)	6.74	6.65	6.59	6.53	6.49	6.46	6.43	6.36
Turbidity (NTUs)	8.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	1.0	1.11	0.96	0.92	0.84	0.83	0.90	0.89
Temperature (Degrees C)	16.30	16.39	16.46	16.46	16.53	16.59	16.67	16.67
ORP (mV)	112	107	77	65	49	43	39	38
Salinity (%)	2.8	2.7	2.7	2.7	2.6	2.6	2.6	2
TDS (g/L)	4.24	4.18	4.14	4.11	4.08	4.07	4.04	4.01

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1015; purged approximately 3.2 gallons

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 24.23
Depth to Well Bottom (TOC): 26.78

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
2-inch Casing:	Ft. of Water in Well	2.55	x 0.16 = 0.41	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	1015	1020	1025	1030	1035	1040	1045
Depth To Water (TOC) (ft)	Below Pump						
Depth To Pump (TOC) (ft)	25.73	25.73	25.73	25.73	25.73	25.73	25.73
Flow Rate (ml/min)	~350	~350	~300	~350	~350	~350	~350
Volume of Water Purged	~0.5	~1.25	~2.0	~2.75	~3.25	~3.75	~5.0
pH (s.u.)	6.81	6.8	6.81	6.83	6.82	6.83	6.83
Conductivity (mS/cm)	6.19	6.2	6.16	5.77	5.46	5.39	5.33
Turbidity (NTUs)	59.7	12.3	0.0	0.0	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	13.95	14.43	13.77	13.26	13.13	12.99	12.87
Temperature (Degrees C)	16.81	16.78	16.87	16.81	16.85	16.82	16.78
ORP (mV)	164	167	172	175	178	181	182
Salinity (%)	2.5	2.5	2.5	2.4	2.5	2.5	2.4
TDS (g/L)	3.9	3.91	3.88	3.62	3.57	3.55	3.56

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1045; purged approximately 5.0 gallons

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-11B
Sampling Method: Low flow purge (Whale Pump)

WELL PURGING

Static Water Level (TOC): 24.45
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	11.50	x 0.16 = 1.84	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	SAMPLE
Time	1233	1240	1245	1250
Depth To Water (TOC) (ft)	25.61	24.45	24.57	24.52
Depth To Pump (TOC) (ft)	34.95	34.95	34.95	34.95
Flow Rate (ml/min)	~250	~250	~300	~300
Volume of Water Purged	~4.0	~4.5	~4.75	~5.0
pH (s.u.)	7.39	7.38	7.38	7.38
Conductivity (mS/cm)	3.82	3.85	3.84	3.84
Turbidity (NTUs)	0.0	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	5.77	5.55	5.78	5.79
Temperature (Degrees C)	17.17	17.24	17.31	17.33
ORP (mV)	109	109	109	109
Salinity (%)	1.4	1.4	1.4	1.4
TDS (g/L)	2.45	2.46	2.46	2.46

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started puring MW-11B at 11:30 am. Horiba stopped working at the start of MW-11B. Pump controller failed at 1215.
Both Horiba and controler were replaced at 1230; readings began at 1233
Sample collected at 1250; purged approximately 5.0 gallons

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 24, 2012
Sampling Date: May 24, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 24.18
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	25.57	x 0.16 = 4.09	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	0925	0930	0935	0940	0945	0950	0955	1000
Depth To Water (TOC) (ft)	24.34	24.37	24.35	24.36	24.37	24.36	24.37	24.36
Depth To Pump (TOC) (ft)	48.75	48.75	48.75	48.75	48.75	48.75	48.75	48.75
Flow Rate (ml/min)	~300	~350	~300	~350	~350	~300	~350	~300
Volume of Water Purged	~0.5	~1.25	~2	~2.5	~3.0	~3.5	~4.0	~4.5
pH (s.u.)	7.42	7.37	7.37	7.37	7.36	7.36	7.37	7.37
Conductivity (mS/cm)	5.88	6.12	6.11	6.11	6.11	6.09	6.03	6.01
Turbidity (NTUs)	112	69.8	57.7	48.1	15.1	8.3	16.9	8.9
Dissolved Oxygen (mg/L)	8.77	2.33	1.66	1.43	1.3	1.22	1.2	1.17
Temperature (Degrees C)	17.6	16.96	16.94	16.97	16.97	16.94	16.93	16.93
ORP (mV)	-42.0	-20.0	-30.0	-32.0	-34.0	-38.0	-40.0	-42.0
Salinity (%)	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3
TDS (g/L)	3.78	3.86	3.85	3.85	3.85	3.84	3.8	3.78

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1000; 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: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 27.53
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	3.03	x 0.16 = 0.48	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	1146	1151	1156
Depth To Water (TOC) (ft)	22.60	27.58	27.59
Depth To Pump (TOC) (ft)	29.5	29.5	29.5
Flow Rate (ml/min)	~250	~250	~250
Volume of Water Purged	~1.5	~1.25	~1.5
pH (s.u.)	7.8	7.8	7.8
Conductivity (mS/cm)	0.574	0.574	0.573
Turbidity (NTUs)	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	12.45	12.19	12.42
Temperature (Degrees C)	15.16	15.24	15.22
ORP (mV)	98.0	100.0	101.0
Salinity (%)	0.1	0.1	0.1
TDS (g/L)	0.367	0.367	0.366

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Began purge at 1119 however reading were not obtained due to faulty screen on Horiba
Sample collected at 1156; purged approximately 1.5 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 23, 2012
Sampling Date: May 23, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-12B
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 27.47
Depth to Well Bottom (TOC): 44.45

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =		Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =		Gallons
2-inch Casing:	Ft. of Water in Well	16.98	x 0.16 =	2.72	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	SAMPLE
Time	0645	0650	0655	0700
Depth To Water (TOC) (ft)	27.74	27.97	27.80	27.75
Depth To Pump (TOC) (ft)	43.0	43.0	43.0	43.0
Flow Rate (ml/min)	~250	~250	~250	~250
Volume of Water Purged	~2.0	~2.2	~2.8	~4.0
pH (s.u.)	7.52	7.51	7.51	7.52
Conductivity (mS/cm)	1.83	1.83	1.82	1.81
Turbidity (NTUs)	3.5	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	0.67	0.64	0.58	0.62
Temperature (Degrees C)	14.98	14.89	15.04	14.99
ORP (mV)	53.0	51.0	50.0	50.0
Salinity (%)	0.6	0.6	0.6	0.6
TDS (g/L)	1.17	1.17	1.17	1.16

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started purging at 0615. Due to high turbidity and fluctuating values, recorded readings began at 0645
Collected sample MW-12B at 0700, ~4.0 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 24, 2012
Sampling Date: May 24, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-12C
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 27.71
Depth to Well Bottom (TOC): 60.00

CALCULATIONS:					
1-inch Casing:	Ft. of Water in Well		X (GAL / FT) =		Gallons
2-inch Casing:	Ft. of Water in Well		x 0.041 =		Gallons
3-inch Casing:	Ft. of Water in Well	32.29	x 0.16 =	5.17	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
Method:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Moderate Hydrocarbon like odor
Other : Slight Sheen

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	1057	1102	1107
Depth To Water (TOC) (ft)	27.80	27.82	27.80
Depth To Pump (TOC) (ft)	58.5	58.5	58.5
Flow Rate (ml/min)	~250	~250	~250
Volume of Water Purged	~3.5	~3.75	~4.0
pH (s.u.)	7.28	7.29	15.83
Conductivity (mS/cm)	1.95	1.96	1.96
Turbidity (NTUs)	1.3	0.0	0.0
Dissolved Oxygen (mg/L)	0.7	0.64	0.59
Temperature (Degrees C)	15.89	15.59	15.84
ORP (mV)	-49.0	-49.0	-50.0
Salinity (%)	0.6	0.6	0.6
TDS (g/L)	1.25	1.25	1.25

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started purging at 1015. Due to high turbidity and fluctuating values, recorded readings began at 1057
Collected sample MW-12C at 1107, ~4.0 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 23, 2012
Sampling Date: May 23, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-13
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 27.50
Depth to Well Bottom (TOC): 64.52

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =		Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =		Gallons
2-inch Casing:	Ft. of Water in Well	37.02	x 0.16 =	5.92	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No Odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	0832	0837	0842
Depth To Water (TOC) (ft)	27.61	27.65	27.63
Depth To Pump (TOC) (ft)	63.0	63.0	63.0
Flow Rate (ml/min)	~250	~250	~250
Volume of Water Purged	~3.5	~4.0	~4.2
pH (s.u.)	6.89	6.89	6.89
Conductivity (mS/cm)	3.29	3.31	3.31
Turbidity (NTUs)	0.0	0.0	0.0
Dissolved Oxygen (mg/L)	0.64	0.63	0.64
Temperature (Degrees C)	15.2	15.26	15.16
ORP (mV)	-88.0	-88.0	-87.0
Salinity (%)	1.2	1.2	1.2
TDS (g/L)	2.11	2.12	2.12

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started puring at 0750. Due to fluctuating values, recorded readings began at 0832
Collected sample MW-13 at 0842, ~4.2 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 24, 2012
Sampling Date: May 24, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-14
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 27.81
Depth to Well Bottom (TOC): 64.45

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =		Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =		Gallons
2-inch Casing:	Ft. of Water in Well	36.64	x 0.16 =	5.86	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Slight Hydrocarbon like odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	SAMPLE
Time	0852	0857	0902	0911
Depth To Water (TOC) (ft)	27.89	27.92	27.88	27.90
Depth To Pump (TOC) (ft)	60.5	60.5	60.5	60.5
Flow Rate (ml/min)	~250	~250	~250	~250
Volume of Water Purged	~4.0	~4.2	~4.5	~4.75
pH (s.u.)	7.07	7.07	7.07	7.07
Conductivity (mS/cm)	2.62	2.62	2.62	2.63
Turbidity (NTUs)	1.7	0.8	0.0	0.0
Dissolved Oxygen (mg/L)	0.63	0.62	0.59	0.58
Temperature (Degrees C)	15.36	15.22	15.24	15.27
ORP (mV)	-96.0	-96.0	-96.0	-97.0
Salinity (%)	0.9	0.9	0.9	0.9
TDS (g/L)	1.67	1.68	1.68	1.69

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started purging at 0730. Due to fluctuating values, recorded readings began at 0852
Collected sample MW-14 at 0911, ~4.75 Gallons Purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 24, 2012
Sampling Date: May 24, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 30.62
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	35.98	x 0.16 =	5.76	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	0730	0735	0740	0745	0750	0755	0800	0805
Depth To Water (TOC) (ft)	30.78	30.76	30.77	30.77	30.76	30.75	30.78	30.77
Depth To Pump (TOC) (ft)	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
Flow Rate (ml/min)	~250	~250	~250	~300	~350	~300	~350	~300
Volume of Water Purged	~1.0	~1.5	~2	~2.5	~3.0	~3.5	~4.0	~4.5
pH (s.u.)	7.12	7.12	7.11	7.10	7.10	7.1	7.04	7.10
Conductivity (mS/cm)	3.8	3.78	3.44	3.72	3.68	3.68	3.68	3.68
Turbidity (NTUs)	127	106	46.1	28.4	16.4	1.5	1.1	1.0
Dissolved Oxygen (mg/L)	5.3	4.26	2.68	2.63	1.76	1.69	1.65	1.69
Temperature (Degrees C)	14.79	14.75	14.8	14.79	15.08	14.95	14.77	14.85
ORP (mV)	-108	-105	-107	-108	-108	-108	-108	-108
Salinity (%)	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
TDS (g/L)	2.43	2.41	2.39	2.37	2.35	2.35	2.36	2.36

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 0805; 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: May 23, 2012
Sampling Date: May 23, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

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

WELL PURGING

Static Water Level (TOC): 28.72
Depth to Well Bottom (TOC): 64.40

CALCULATIONS:					
2-inch Casing:	Ft. of Water in Well	35.68	x 0.16 =	5.71	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	1135	1140	1145	1150	1155	1200	1205	1210
Depth To Water (TOC) (ft)	28.81	28.78	28.8	28.81	28.83	28.81	28.82	28.83
Depth To Pump (TOC) (ft)	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
Flow Rate (ml/min)	~300	~250	~300	~300	~300	~350	~350	~350
Volume of Water Purged	~0.5	~1	~1.5	~2	~2.5	~3.25	~4	~5
pH (s.u.)	7.27	7.25	7.28	7.31	7.3	7.29	7.3	7.31
Conductivity (mS/cm)	3.4	2.93	2.51	2.17	2.25	2.32	2.28	2.25
Turbidity (NTUs)	32.4	0	0	0	0	0	0	0
Dissolved Oxygen (mg/L)	3.42	1.9	1.42	1.26	1.14	1.04	1.07	1.10
Temperature (Degrees C)	17.7	16.56	16.55	16.41	16.36	16.31	16.39	16.42
ORP (mV)	-109	-127	-126	-126	-127	-127	-127	-127
Salinity (%)	1.8	1.5	1.3	1.1	1.1	1.2	1.1	1.2
TDS (g/L)	2.2	1.82	1.65	1.4	1.43	1.47	1.43	1.41

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Sample collected at 1210; purged approximately 5.0 gallons

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-17
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 27.71
Depth to Well Bottom (TOC): 49.90

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =		Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =		Gallons
2-inch Casing:	Ft. of Water in Well	22.19	x 0.16 =	3.55	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	SAMPLE
Time	1425	1430	1435	1440
Depth To Water (TOC) (ft)	27.74	27.76	27.74	NA
Depth To Pump (TOC) (ft)	48.9	48.9	48.9	NA
Flow Rate (ml/min)	~250	~250	~250	NA
Volume of Water Purged	~4.0	~4.5	~5.0	NA
pH (s.u.)	7.74	7.72	7.71	NA
Conductivity (mS/cm)	1.39	1.39	1.38	NA
Turbidity (NTUs)	0	0	0	NA
Dissolved Oxygen (mg/L)	7.43	7.25	7.49	NA
Temperature (Degrees C)	19.1	18.72	18.64	NA
ORP (mV)	101	102	99	NA
Salinity (%)	0.4	0.4	0.4	NA
TDS (g/L)	0.886	0.889	0.885	NA

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started purging at 1355, equipment was malfunctioning; recorded readings began at 1425
Collected sample MW-17 at 1440, ~5.0 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 23, 2012
Sampling Date: May 23, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-18
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 32.05
Depth to Well Bottom (TOC): 71.79

CALCULATIONS:					
1-inch Casing:	Ft. of Water in Well		X (GAL / FT) =		Gallons
2-inch Casing:	Ft. of Water in Well	39.74	x 0.16 =	6.36	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	SAMPLE
Time	1016	1058
Depth To Water (TOC) (ft)	32.10	32.10
Depth To Pump (TOC) (ft)	30.79	30.79
Flow Rate (ml/min)	~250	~250
Volume of Water Purged	~5.5	~6.5
pH (s.u.)	7.10	7.17
Conductivity (mS/cm)	3.42	3.15
Turbidity (NTUs)	0	10.2
Dissolved Oxygen (mg/L)	7.13	7.97
Temperature (Degrees C)	16.31	16.05
ORP (mV)	-97	-95
Salinity (%)	1.2	1.1
TDS (g/L)	2.19	2.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Started purging at 0940; due to fluctuating values, recorded readings began at 1016
Lost water flow at 1020; switching out pumps and equipment; sporatic flow
Collected sample MW-18 at 1058, ~6.5 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 21, 2012
Sampling Date: May 21, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-19
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 8.68
Depth to Well Bottom (TOC): 20.15

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =	Gallons
2-inch Casing:	Ft. of Water in Well	11.47	x 0.16 =	1.84 Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1420	1425	1430	1435	1440	1446
Depth To Water (TOC) (ft)	8.68	8.68	8.68	8.68	8.68	NA
Depth To Pump (TOC) (ft)	19.15	19.15	19.15	19.15	19.15	NA
Flow Rate (ml/min)	~250	~250	~250	~250	~250	NA
Volume of Water Purged	~0.5	~0.1	~1.5	~2.0	~2.5	NA
pH (s.u.)	7.0	6.99	7.0	7.0	7.0	NA
Conductivity (mS/cm)	6.94	7.11	7.25	7.36	7.39	NA
Turbidity (NTUs)	112	48.1	39.8	34.2	31.5	NA
Dissolved Oxygen (mg/L)	0.68	0.67	0.63	0.63	0.62	NA
Temperature (Degrees C)	14.28	14.49	14.52	14.71	14.72	NA
ORP (mV)	-136	-136	-138	-139	-140	NA
Salinity (%)	2.9	2.9	3.0	3.0	3.1	NA
TDS (g/L)	4.38	4.5	4.57	4.65	4.65	NA

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Collected sample MW-19 at 1446, ~2.5 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 22, 2012
Sampling Date: May 22, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-20
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 14.40
Depth to Well Bottom (TOC): 20.10

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =	Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =	Gallons
2-inch Casing:	Ft. of Water in Well	5.70	x 0.16 =	0.91 Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =	Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =	Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : No odor
Other : Clear

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0840	0845	0850	0855	0900	0905	0910	0915
Depth To Water (TOC) (ft)	14.8	14.72	14.65	14.73	14.95	14.93	14.79	14.86
Depth To Pump (TOC) (ft)	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
Flow Rate (ml/min)	~300	~300	~300	~300	~350	~300	~300	~300
Volume of Water Purged	~0.5	~1.0	~1.75	~2.25	~3.0	~3.5	~4.0	~4.5
pH (s.u.)	6.39	6.5	6.59	6.59	6.59	6.6	6.6	6.59
Conductivity (mS/cm)	6.39	6.44	6.62	6.65	6.63	6.67	6.69	6.7
Turbidity (NTUs)	81	65.5	20.7	13.9	13.5	11.9	10.2	6.5
Dissolved Oxygen (mg/L)	5.82	4.98	3.58	3.37	3.24	3.11	3.0	2.89
Temperature (Degrees C)	14.4	14.43	14.53	14.53	14.51	14.48	14.71	14.63
ORP (mV)	19	17	4	1	0	-2	-3	-2
Salinity (%)	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
TDS (g/L)	4.04	4.05	4.1	4.19	4.21	4.2	4.19	4.19

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Collected sample MW-20 at 0915, ~4.5 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (White Plains - OU-1/OU-2 Semi-Annual Sampling)
PROJECT NUMBER: 446107-09000
Purge Date: May 23, 2012
Sampling Date: May 23, 2012
Samplers: Zohar Lavy/Noah Garguilo of Parsons / Somerset, NJ

SAMPLE ID: MW-101, MW101MS, MW-101MSD
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 25.26
Depth to Well Bottom (TOC): 61.10

CALCULATIONS:	Ft. of Water in Well		X (GAL / FT) =		Gallons
1-inch Casing:	Ft. of Water in Well		x 0.041 =		Gallons
2-inch Casing:	Ft. of Water in Well	35.84	x 0.16 =	5.73	Gallons
3-inch Casing:	Ft. of Water in Well		x 0.32 =		Gallons
4-inch Casing:	Ft. of Water in Well		x 0.64 =		Gallons

Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Slight hydrocarbon odor
Other : Clear with small black particulates

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0705	0710	0715	0720	0725	0730	0735	0740
Depth To Water (TOC) (ft)	25.3	25.4	25.35	25.29	25.3	25.31	25.32	25.31
Depth To Pump (TOC) (ft)	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
Flow Rate (ml/min)	~300	~300	~250	~250	~250	~300	~300	~300
Volume of Water Purged	~0.75	~1.0	~1.5	~2.0	~2.5	~3.0	~3.5	~4.0
pH (s.u.)	7.16	7.18	7.2	7.19	7.18	7.18	7.18	7.18
Conductivity (mS/cm)	5.32	5.30	4.18	4.31	3.8	3.7	3.67	3.63
Turbidity (NTUs)	20.7	35.6	25.2	11.6	14.2	10.1	8.2	8.0
Dissolved Oxygen (mg/L)	8.42	3.79	1.87	1.58	1.34	1.27	1.24	1.21
Temperature (Degrees C)	17.16	17.82	17.94	18.08	18.16	18.16	18.15	18.14
ORP (mV)	-152	-155	-159	-155	-154	-153	-153	-152
Salinity (%)	2.9	2.8	2.6	2.3	2.0	1.9	1.9	1.9
TDS (g/L)	3.35	3.34	3.11	2.73	2.43	2.4	2.35	2.34

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs, TCL SVOCs

Shipped Via: Chemtech, Mountainside, NJ
Laboratory

Other Notes: Collected sample MW-101at 0740, ~4.0 Gallons Purged

Attachment 2

Data Usability Summary Report

And

Chains of Custody

DATA USABILITY SUMMARY REPORT

WHITE PLAINS

Prepared For:

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

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JULY 2012

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LIST OF ATTACHMENTS

SECTION 1

DATA USABILITY SUMMARY

Groundwater samples were collected from the Consolidated Edison White Plains site on May 21, 2012 through May 24, 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 38 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 sample surrogate recoveries, matrix spike/matrix spike duplicate (MS/MSD) recoveries, laboratory control sample (LCS) recoveries, and 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 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) D2849.

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

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the high bromofluorobenzene surrogate recovery (QC limit 58-135%R) in sample MW-12C (144%R). Therefore, positive results for this sample were considered estimated, possibly biased high, and qualified "J".

MS/MSD Precision and Accuracy

All MS/MSD precision (relative percent difference; RPD) and accuracy (percent recovery; %R) measurements were considered acceptable and within QC limits with the exception of the high MS/MSD accuracy results for methyl acetate (172%R/180%R; QC limit 51-158%R), benzene (500%R/420%R; QC limit 80-120%R), 4-methyl-2-pentanone (136%R/136%R; QC limit 60-135%R), ethylbenzene (520%R/500%R; QC limit 75-125%R), and 1,2-dibromo-3-chloropropane (154%R/186%R; QC limit 50-130%R) during the spiked analyses of sample MW-101. Therefore, positive results for these compounds were considered estimated, possibly biased high, and qualified "J" for the parent sample MW-101.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the low LCS recovery for 1,4-dioxane (48%R; QC limit 50-150%R) associated with sample MW-101. Therefore, the nondetected 1,4-dioxane result for this sample was considered estimated, possibly biased low, and qualified "UJ".

Blank Contamination

The field equipment blank FB052412 associated with the project samples contained carbon disulfide at a concentration of 3.8 µg/L. Validation qualification of the project samples was not required since this compound was not detected.

Continuing Calibrations

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 carbon disulfide (23.82%D) and 1,2,3-trichlorobenzene (22.42%D) in the continuing calibration associated with samples MW-19 and FB052412; bromoform (24.62%D) and 1,2,3-trichlorobenzene (34.89%D) in the continuing calibration associated with sample MW-101; and tetrachloroethene (30.34%D), 1,1,2,2-tetrachloroethane (21.08%D), 1,2-dibromo-3-chloropropane (27.34%D), and 1,2,3-trichlorobenzene (21.52%D) in the continuing calibration associated with samples MW-11C, -12C, -14, -15, and -18. 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 sample MW-11C (150%R). Validation qualification of this sample 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-101 with the exception of the high MS/MSD accuracy results for naphthalene (260%R/280%R; QC limit 17-157%R) and 1,2,4,5-tetrachlorophenol (106%R/104%R; QC limit 89-102%R). Validation qualification of the parent sample was not required since these compounds were not detected.

LCS Recoveries

All LCS recoveries were considered acceptable and within QC limits with the exception of the low LCS recoveries for dimethylphthalate (58%R; QC limit 68-112%R), diethylphthalate (58%R; QC limit 66-116%R), di-n-butylphthalate (60%R; QC limit 67-117%R), butylbenzylphthalate (60%R; QC limit 66-121%R), bis(2-ethylhexyl)phthalate (58%R; QC limit

61-123%R), and 2,3,4,6-tetrachlorophenol (62%R; QC limit 66-110%R) associated with all samples except MW-11C and -15. Therefore, the results for these compounds were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples.

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 (21.1%RSD) and di-n-octylphthalate (20.5%RSD) in the initial calibration associated with samples MW-9, -11A, -11B, -13, -20, -101, and FB052412. 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 ±20% and relative response factors (RRFs) greater than 0.05 with the exception of di-n-octylphthalate (22.4%D) in the continuing calibration associated with samples MW-9 and -101. 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 responses for the ISs 1,4-dichlorobenzene-d4 and naphthalene-d8 in sample MW-11C. Therefore, results associated with these ISs were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ" for this sample.

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: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-6 D2849-01 - CTECH D2849 WATER 5/22/2012 7:40 7/22/2012	MW-7 D2849-13 - CTECH D2849 WATER 5/22/2012 7:52 7/22/2012	MW-8 D2849-05 - CTECH D2849 WATER 5/22/2012 15:55 7/22/2012	Dup of MW-8 MW-8A D2849-06 - CTECH D2849 WATER 5/22/2012 16:00 7/22/2012	MW-9 D2849-10 - CTECH D2849 WATER 5/23/2012 9:20 7/22/2012
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	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 U	0.46 U	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
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
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	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	0.32 U	0.32 U	4.9
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-27-4	BROMODICHLOROMETHANE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	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	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	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	0.2 U	0.2 U	0.99 J	1.1	0.92 J
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.2 U	2.2	2.5	13
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	8.9	9.7	0.45 U
XYLMP	M,P-XYLENES	ug/l	0.95 U	0.95 U	9	9.9	35
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	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	0.2 U	0.2 U	4.1	4.2	0.8 J
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	2.3	2.7	26
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	32
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	2.8
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	94
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	0.49 J	0.63 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 U	0.34 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-6 D2849-01 - CTECH D2849 WATER 5/22/2012 7:40 7/22/2012	MW-7 D2849-13 - CTECH D2849 WATER 5/22/2012 7:52 7/22/2012	MW-8 D2849-05 - CTECH D2849 WATER 5/22/2012 15:55 7/22/2012	Dup of MW-8 MW-8A D2849-06 - CTECH D2849 WATER 5/22/2012 16:00 7/22/2012	MW-9 D2849-10 - CTECH D2849 WATER 5/23/2012 9:20 7/22/2012
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.22 U	0.21 U	0.22 U	0.22 U	0.21 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	10 U	10 U	10 U	10 U	10 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.22 UJ	0.21 UJ	0.22 UJ	0.22 UJ	0.21 UJ
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.43 U	0.42 U	0.44 U	0.43 U	0.43 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.6 U	0.58 U	0.62 U	0.6 U	0.6 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.71 U	0.69 U	0.73 U	0.71 U	0.7 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.76 U	0.74 U	0.78 U	0.76 U	0.76 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.3 U	2.2 U	2.3 U	2.3 U	2.2 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	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
MEPH3MEPH	3+4-METHYLPHENOLS	ug/l	0.41 U	0.4 U	0.42 U	0.41 U	0.4 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.17 U	0.18 U	0.17 U	0.17 U
95-57-8	2-CHLOROPHENOL	ug/l	0.58 U	0.56 U	0.59 U	0.58 U	0.57 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.34 U	0.33 U	22	19	4.9 J
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U
88-74-4	2-NITROANILINE	ug/l	0.53 U	0.51 U	0.54 U	0.53 U	0.52 U
88-75-5	2-NITROPHENOL	ug/l	0.56 U	0.54 U	0.57 U	0.56 U	0.55 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U
99-09-2	3-NITROANILINE	ug/l	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.8 U	0.77 U	0.81 U	0.8 U	0.79 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.25 U	0.24 U	0.25 U	0.25 U	0.24 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.43 U	0.42 U	0.44 U	0.43 U	0.43 U
106-47-8	4-CHLOROANILINE	ug/l	3.1 U	3 U	3.1 U	3.1 U	3 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
100-01-6	4-NITROANILINE	ug/l	1.5 U	1.4 U	1.5 U	1.5 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U
83-32-9	ACENAPHTHENE	ug/l	0.23 U	0.22 U	7.9 J	7.1 J	0.22 U
208-96-8	ACENAPHTHYLENE	ug/l	0.75 U	0.73 U	0.77 U	0.75 U	4.5 J
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	0.18 U	0.17 U	0.17 U
1912-24-9	ATRAZINE	ug/l	0.43 U	0.42 U	0.44 U	0.43 U	0.43 U
100-52-7	BENZALDEHYDE	ug/l	0.83 U	0.8 U	0.85 U	0.83 U	0.82 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.17 U	0.18 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	0.31 U	0.3 U	0.32 U	0.31 U	0.31 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.31 U	0.3 U	0.32 U	0.31 U	0.31 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 UJ	0.2 UJ	0.21 UJ	0.2 UJ	0.2 UJ
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	0.59 U	0.57 U	0.6 U	0.59 U	0.59 U
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.59 U	0.57 U	0.6 U	0.59 U	0.59 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 UJ	0.17 UJ	0.18 UJ	0.17 UJ	0.17 UJ
105-60-2	CAPROLACTAM	ug/l	2.2 U	2.1 U	2.2 U	2.2 U	2.1 U
86-74-8	CARBAZOLE	ug/l	0.24 U	0.23 U	0.24 U	0.24 U	0.23 U
218-01-9	CHRYSENE	ug/l	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.45 U	0.44 U	0.46 U	0.45 U	0.45 U
132-64-9	DIBENZOFURAN	ug/l	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.41 UJ	0.4 UJ	0.42 UJ	0.41 UJ	0.4 UJ
131-11-3	DIMETHYL PHTHALATE	ug/l	0.24 UJ	0.23 UJ	0.24 UJ	0.24 UJ	0.23 UJ
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.2 UJ	2.1 UJ	2.2 UJ	2.2 UJ	2.1 UJ
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.55 U	0.53 U	0.56 U	0.55 U	0.54 UJ
206-44-0	FLUORANTHENE	ug/l	0.43 U	0.42 U	0.44 U	0.43 U	0.43 U
86-73-7	FLUORENE	ug/l	0.33 U	0.32 U	0.34 U	0.33 U	0.33 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.19 U	0.2 U	0.19 U	0.19 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.27 U	0.26 U	0.27 U	0.27 U	0.27 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U
67-72-1	HEXACHLOROETHANE	ug/l	0.27 U	0.26 U	0.27 U	0.27 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	0.32 U	0.31 U	0.33 U	0.32 U	0.32 U
91-20-3	NAPHTHALENE	ug/l	0.13 U	0.12 U	740	660	180
98-95-3	NITROBENZENE	ug/l	0.73 U	0.71 U	0.75 U	0.73 U	0.72 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.22 U	0.21 U	0.22 U	0.22 U	0.21 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.65 U	0.62 U	0.66 U	0.65 U	0.64 U
87-86-5	PENTACHLOROPHENOL	ug/l	1.8 U	1.8 U	1.9 U	1.8 U	1.8 U
85-01-8	PHENANTHRENE	ug/l	0.28 U	0.27 U	0.29 U	0.28 U	0.28 U
108-95-2	PHENOL	ug/l	0.23 U	0.22 U	0.23 U	0.23 U	0.22 U
129-00-0	PYRENE	ug/l	0.22 U	0.21 U	0.22 U	0.22 U	0.21 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-10 D2849-14 - CTECH D2849 WATER 5/22/2012 10:15 7/22/2012	MW-101 D2849-07 - CTECH D2849 WATER 5/23/2012 7:40 7/22/2012	MW-11A D2849-03 - CTECH D2849 WATER 5/22/2012 10:45 7/22/2012	MW-11B D2849-04 - CTECH D2849 WATER 5/22/2012 12:50 7/22/2012	MW-11C D2849-25 - CTECH D2849 WATER 5/24/2012 10:00 7/22/2012
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 UJ
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	0.2 U	0.2 UJ	0.2 U	0.2 U	0.65 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 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 UJ
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
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	0.5 U	0.5 U	0.5 U	0.5 U	2.8 U
71-43-2	BENZENE	ug/l	0.32 U	510	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	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	0.2 U	0.2 U	0.2 U	0.2 U	0.62 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U	0.2 U	0.2 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	0.2 U	0.2 U	0.2 U	0.2 U	0.66 U
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	0.2 U	0.2 U	0.2 U	0.2 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	0.2 U	24	0.2 U	0.2 U	66
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.52 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.2 U	0.2 U	0.2 U	350
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	23	0.45 U	0.45 U	22
XYLMP	M,P-XYLENES	ug/l	0.95 U	83	0.95 U	0.95 U	3200
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U	0.2 U	0.2 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	0.2 U	21	0.2 U	0.2 U	120
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	110	0.43 U	0.43 U	1200
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	0.36 U	0.36 U	940
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.62 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	18 J
108-88-3	TOLUENE	ug/l	0.37 U	7	0.41 J	0.37 U	1.4 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 U	0.34 U	0.34 U	0.34 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-10 D2849-14 - CTECH D2849 WATER 5/22/2012 10:15 7/22/2012	MW-101 D2849-07 - CTECH D2849 WATER 5/23/2012 7:40 7/22/2012	MW-11A D2849-03 - CTECH D2849 WATER 5/22/2012 10:45 7/22/2012	MW-11B D2849-04 - CTECH D2849 WATER 5/22/2012 12:50 7/22/2012	MW-11C D2849-25 - CTECH D2849 WATER 5/24/2012 10:00 7/22/2012
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	10 U	10 UJ	10 U	10 U	50 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 UJ	0.22 UJ	0.22 UJ	0.22 UJ	0.21 U
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.42 U	0.43 U	0.44 U	0.43 U	0.42 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.59 U	0.61 U	0.62 U	0.61 U	0.58 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.69 U	0.72 U	0.73 U	0.72 U	0.69 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.75 U	0.77 U	0.78 U	0.77 U	0.74 UJ
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 U	2.3 UJ	2.3 UJ	2.3 UJ	2.2 U
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	0.34 U	0.35 U	0.35 U	0.35 U	0.33 U
MEPH3MEPH	3+4-METHYLPHENOLS	ug/l	0.4 U	0.41 U	0.42 U	0.41 U	0.4 UJ
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.17 U	0.18 U	0.17 U	0.17 U
95-57-8	2-CHLOROPHENOL	ug/l	0.57 U	0.59 U	0.59 U	0.59 U	0.56 UJ
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.34 U	14	0.35 U	0.35 U	920
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.26 U	0.26 U	0.26 U	0.25 UJ
88-74-4	2-NITROANILINE	ug/l	0.52 U	0.53 U	0.54 U	0.53 U	0.51 U
88-75-5	2-NITROPHENOL	ug/l	0.55 U	0.57 U	0.57 U	0.57 U	0.54 UJ
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	2.1 U	2.2 U	2.2 U	2.2 U	2.1 U
99-09-2	3-NITROANILINE	ug/l	1.1 U	1.2 U	1.2 U	1.2 U	1.1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.78 U	0.8 U	0.81 U	0.8 U	0.77 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.25 U	0.25 U	0.25 U	0.24 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.42 U	0.43 U	0.44 U	0.43 U	0.42 UJ
106-47-8	4-CHLOROANILINE	ug/l	3 U	3.1 U	3.1 U	3.1 U	3 UJ
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.23 U	0.23 U	0.23 U	0.22 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.5 U	1.5 U	1.5 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2.1 U	2.2 U	2.2 U	2.2 U	2.1 U
83-32-9	ACENAPHTHENE	ug/l	0.22 U	51	0.23 U	0.23 U	17
208-96-8	ACENAPHTHYLENE	ug/l	0.74 U	0.76 U	0.77 U	0.76 U	110
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.15 U	0.15 U	0.15 U	0.15 UJ
120-12-7	ANTHRACENE	ug/l	0.17 U	0.17 U	0.18 U	0.17 U	5.4 J
1912-24-9	ATRAZINE	ug/l	0.42 U	0.43 U	0.44 U	0.43 U	0.42 U
100-52-7	BENZALDEHYDE	ug/l	0.81 U	0.84 U	0.85 U	0.84 U	0.8 UJ
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.17 U	0.18 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	0.31 U	0.32 U	0.32 U	0.32 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.31 U	0.32 U	0.32 U	0.32 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 UJ	0.21 UJ	0.21 UJ	0.21 UJ	0.2 U
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.16 U	0.16 U	0.16 U	0.16 U	60
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.58 U	0.6 U	0.6 U	0.6 U	0.57 UJ
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.58 U	0.6 U	0.6 U	0.6 U	0.57 UJ
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.18 U	0.19 U	0.18 U	0.18 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 UJ	0.17 UJ	0.18 UJ	0.17 UJ	0.17 U
105-60-2	CAPROLACTAM	ug/l	2.1 U	2.2 U	2.2 U	2.2 U	2.1 UJ
86-74-8	CARBAZOLE	ug/l	0.23 U	6.8 J	0.24 U	0.24 U	6.7 J
218-01-9	CHRYSENE	ug/l	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.44 U	0.46 U	0.46 U	0.46 U	0.44 U
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.26 U	0.26 U	0.26 U	0.25 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.4 UJ	0.41 UJ	0.42 UJ	0.41 UJ	0.4 U
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 UJ	0.24 UJ	0.24 UJ	0.24 UJ	0.23 U
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.1 UJ	2.2 UJ	2.2 UJ	2.2 UJ	2.1 U
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.54 U	0.55 UJ	0.56 UJ	0.55 UJ	0.53 U
206-44-0	FLUORANTHENE	ug/l	0.42 U	0.43 U	0.44 U	0.43 U	0.42 U
86-73-7	FLUORENE	ug/l	0.33 U	9.6 J	0.34 U	0.34 U	44
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.2 U	0.2 U	0.2 U	0.19 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.27 U	0.27 U	0.27 U	0.26 UJ
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.26 U	0.26 U	0.26 U	0.25 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.27 U	0.27 U	0.27 U	0.26 UJ
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	0.32 U	0.33 U	0.33 U	0.33 U	0.31 UJ
91-20-3	NAPHTHALENE	ug/l	0.13 U	540	0.13 U	0.13 U	15000
98-95-3	NITROBENZENE	ug/l	0.72 U	0.74 U	0.75 U	0.74 U	0.71 UJ
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.22 U	0.22 U	0.22 U	0.21 UJ
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.63 U	0.65 U	0.66 U	0.65 U	0.62 U
87-86-5	PENTACHLOROPHENOL	ug/l	1.8 U	1.9 U	1.9 U	1.9 U	1.8 U
85-01-8	PHENANTHRENE	ug/l	0.27 U	0.28 U	0.29 U	0.28 U	43
108-95-2	PHENOL	ug/l	0.22 U	0.23 U	0.23 U	0.23 U	0.22 UJ
129-00-0	PYRENE	ug/l	0.21 U	0.22 U	0.22 U	0.22 U	0.21 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-12A D2849-15 - CTECH D2849 WATER 5/22/2012 11:56 7/22/2012	MW-12B D2849-17 - CTECH D2849 WATER 5/23/2012 7:00 7/22/2012	MW-12C D2849-20 - CTECH D2849 WATER 5/24/2012 11:07 7/22/2012	MW-13 D2849-18 - CTECH D2849 WATER 5/23/2012 8:42 7/22/2012	MW-14 D2849-21 - CTECH D2849 WATER 5/24/2012 9:11 7/22/2012
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 UJ	0.31 U	0.31 UJ
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	0.2 U	0.2 U	0.65 UJ	0.2 U	0.65 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.2 U	0.62 U	0.2 U	0.62 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 U	0.46 U	0.46 UJ	0.46 U	0.46 UJ
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	4.4	1.6 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
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	0.5 U	0.5 U	2.8 U	0.5 U	2.8 U
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	3.3 J	0.32 U	8.4
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	2.2 U	0.2 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	0.2 U	0.2 U	0.62 U	0.2 U	0.62 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	0.2 U	0.54 U	0.2 U	0.54 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.2 U	0.62 U	0.2 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	0.2 U	0.2 U	0.66 U	0.2 U	0.66 U
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	0.2 U	0.2 U	0.54 U	0.2 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	0.2 U	0.2 U	8.7 J	0.2 U	25
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.2 U	0.52 U	0.2 U	0.52 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.2 U	0.55 U	0.2 U	0.55 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.2 U	81 J	0.2 U	210
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	2.9 J	0.45 U	6.2
XYLMP	M,P-XYLENES	ug/l	0.95 U	0.95 U	470	0.95 U	1400
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.2 U	0.83 U	0.2 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	0.2 U	0.2 U	16 J	0.2 U	42
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	180	0.43 U	560
100-42-5	STYRENE	ug/l	0.36 U	0.36 U	540	0.36 U	1800
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	0.35 U	0.35 U	2.5 J	410	19
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 U	0.27 U	0.27 UJ	0.27 U	0.27 UJ
108-88-3	TOLUENE	ug/l	0.37 U	0.37 U	440	0.37 U	1500
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

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-12A D2849-15 - CTECH D2849 WATER 5/22/2012 11:56 7/22/2012	MW-12B D2849-17 - CTECH D2849 WATER 5/23/2012 7:00 7/22/2012	MW-12C D2849-20 - CTECH D2849 WATER 5/24/2012 11:07 7/22/2012	MW-13 D2849-18 - CTECH D2849 WATER 5/23/2012 8:42 7/22/2012	MW-14 D2849-21 - CTECH D2849 WATER 5/24/2012 9:11 7/22/2012
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.2 U	0.21 U	0.2 U	0.21 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	10 U	10 U	50 U	10 U	50 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 UJ	0.2 UJ	0.21 UJ	0.2 UJ	0.21 UJ
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.42 U	0.4 U	0.42 U	0.41 U	0.41 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.58 U	0.57 U	0.58 U	0.57 U	0.58 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.69 U	0.67 U	0.69 U	0.67 U	0.68 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.74 U	0.72 U	0.74 U	0.72 U	0.73 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 U	2.1 U	2.2 U	2.1 UJ	2.2 U
121-14-2	2,4-DINITROTOLUENE	ug/l	1.1 U	1 U	1.1 U	1.1 U	1.1 U
606-20-2	2,6-DINITROTOLUENE	ug/l	0.33 U	0.32 U	0.33 U	0.33 U	0.33 U
MEPH3MEPH	3+4-METHYLPHENOLS	ug/l	0.4 U	0.38 U	0.4 U	0.39 U	0.39 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.16 U	0.17 U	0.16 U	0.16 U
95-57-8	2-CHLOROPHENOL	ug/l	0.56 U	0.55 U	0.56 U	0.55 U	0.56 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.33 U	0.32 U	230	0.33 U	390
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U
88-74-4	2-NITROANILINE	ug/l	0.51 U	0.49 U	0.51 U	0.5 U	0.51 U
88-75-5	2-NITROPHENOL	ug/l	0.54 U	0.53 U	0.54 U	0.53 U	0.54 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	2.1 U	2 U	2.1 U	2 U	2.1 U
99-09-2	3-NITROANILINE	ug/l	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.77 U	0.75 U	0.77 U	0.76 U	0.76 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.23 U	0.24 U	0.23 U	0.24 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.42 U	0.4 U	0.42 U	0.41 U	0.41 U
106-47-8	4-CHLOROANILINE	ug/l	3 U	2.9 U	3 U	2.9 U	2.9 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.21 U	0.22 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	2.1 U	2 U	2.1 U	2 U	2.1 U
83-32-9	ACENAPHTHENE	ug/l	0.22 U	0.21 U	7.2 J	0.21 U	12
208-96-8	ACENAPHTHYLENE	ug/l	0.73 U	0.71 U	160	0.71 U	260
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
120-12-7	ANTHRACENE	ug/l	0.17 U	0.16 U	5.3 J	0.16 U	0.16 U
1912-24-9	ATRAZINE	ug/l	0.42 U	0.4 U	0.42 U	0.41 U	0.41 U
100-52-7	BENZALDEHYDE	ug/l	0.8 U	0.78 U	0.8 U	0.79 U	0.79 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.16 U	0.17 U	0.16 U	0.16 U
50-32-8	BENZO(A)PYRENE	ug/l	0.15 U	0.14 U	0.15 U	0.14 U	0.14 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.3 U	0.29 U	0.3 U	0.3 U	0.3 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.3 U	0.29 U	0.3 U	0.3 U	0.3 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 UJ	0.19 UJ	0.2 UJ	0.19 UJ	0.2 UJ
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.16 U	0.15 U	23	0.15 U	32
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.57 U	0.56 U	0.57 U	0.56 U	0.57 U
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.57 U	0.56 U	0.57 U	0.56 U	0.57 U
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.17 U	0.18 U	0.17 U	0.18 U
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 UJ	0.16 UJ	0.17 UJ	0.16 UJ	0.16 UJ
105-60-2	CAPROLACTAM	ug/l	2.1 U	2 U	2.1 U	2 U	2.1 U
86-74-8	CARBAZOLE	ug/l	0.23 U	0.22 U	0.23 U	0.22 U	0.23 U
218-01-9	CHRYSENE	ug/l	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.44 U	0.42 U	0.44 U	0.43 U	0.43 U
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.4 UJ	0.38 UJ	0.4 UJ	0.39 UJ	0.39 UJ
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 UJ	0.22 UJ	0.23 UJ	0.22 UJ	0.23 UJ
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.1 UJ	2 UJ	2.1 UJ	2 UJ	2.1 UJ
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.53 U	0.52 U	0.53 U	0.52 UJ	0.53 U
206-44-0	FLUORANTHENE	ug/l	0.42 U	0.4 U	0.42 U	0.41 U	0.41 U
86-73-7	FLUORENE	ug/l	0.32 U	0.31 U	14	0.32 U	17
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.24 U	0.25 U	0.24 U	0.25 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.25 U	0.26 U	0.26 U	0.26 U
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.16 U	0.15 U	0.16 U	0.15 U	0.15 U
78-59-1	ISOPHORONE	ug/l	0.31 U	0.3 U	0.31 U	0.31 U	0.31 U
91-20-3	NAPHTHALENE	ug/l	0.12 U	0.12 U	2700	0.12 U	5600
98-95-3	NITROBENZENE	ug/l	0.71 U	0.69 U	0.71 U	0.69 U	0.7 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.2 U	0.21 U	0.2 U	0.21 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.62 U	0.61 U	0.62 U	0.61 U	0.62 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	0.26 U	26	0.27 U	33
108-95-2	PHENOL	ug/l	0.22 U	0.21 U	0.22 U	0.21 U	0.22 U
129-00-0	PYRENE	ug/l	0.21 U	0.2 U	0.21 U	0.2 U	0.21 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 D2849-24 - CTECH D2849 WATER 5/24/2012 8:05 7/22/2012	MW-16 D2849-11 - CTECH D2849 WATER 5/23/2012 12:10 7/22/2012	MW-17 D2849-16 - CTECH D2849 WATER 5/22/2012 14:40 7/22/2012	MW-18 D2849-19 - CTECH D2849 WATER 5/23/2012 10:58 7/22/2012	MW-19 D2849-12 - CTECH D2849 WATER 5/21/2012 14:40 7/22/2012
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 UJ	0.31 U	0.31 U	0.31 UJ	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 UJ	0.2 U	0.2 U	0.65 UJ	0.2 UJ
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.62 U	0.2 U	0.2 U	0.62 U	0.2 U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.46 UJ	0.46 U	0.46 U	0.46 UJ	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	9	0.48 U	0.48 U	1.9 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
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 U	0.5 U	0.5 U	2.8 U	0.5 U
71-43-2	BENZENE	ug/l	1.8 J	40	0.32 U	6.4	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	2.2 U	0.2 U	0.2 U	2.2 U	0.2 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 U	0.2 U	0.2 U	0.62 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.54 U	0.2 U	0.2 U	0.54 U	0.2 UJ
56-23-5	CARBON TETRACHLORIDE	ug/l	0.62 U	0.2 U	0.2 U	0.62 U	0.2 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	0.2 U	0.2 U	0.66 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	2.5	0.34 U	4.9 J	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.54 U	0.2 U	0.2 U	0.54 U	0.2 U
156-59-2	CIS-1,2-DICHLOROETHYLENE	ug/l	0.35 U	0.35 U	0.35 U	0.35 U	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	2.6 J	13	0.2 U	0.55 U	0.2 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.52 U	0.2 U	0.2 U	0.52 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.55 U	0.2 U	0.2 U	0.55 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	29	90	0.2 U	0.53 U	0.2 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	1 J	10	0.45 U	0.67 J	0.45 U
XYLMP	M,P-XYLENES	ug/l	150	660	0.95 U	0.95 U	0.95 U
79-20-9	METHYL ACETATE	ug/l	0.83 U	0.2 U	0.2 U	0.83 U	0.2 U
78-93-3	METHYL ETHYL KETONE (2-BUTANONE)	ug/l	1.3 U	1.3 U	1.3 U	1.3 U	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	4.1 J	20	0.2 U	0.68 U	0.2 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	69	310	0.43 U	1.8 J	0.43 U
100-42-5	STYRENE	ug/l	160	420	0.36 U	0.36 U	0.36 U
1634-04-4	TERT-BUTYL METHYL ETHER	ug/l	180	1.9	0.35 U	7.6	0.35 U
127-18-4	TETRACHLOROETHYLENE(PCE)	ug/l	0.27 UJ	1.3	0.27 U	0.27 UJ	0.27 U
108-88-3	TOLUENE	ug/l	150	680	0.37 U	0.37 U	0.37 U
156-60-5	TRANS-1,2-DICHLOROETHENE	ug/l	0.41 U	0.41 U	0.41 U	0.41 U	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

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 D2849-24 - CTECH D2849 WATER 5/24/2012 8:05 7/22/2012	MW-16 D2849-11 - CTECH D2849 WATER 5/23/2012 12:10 7/22/2012	MW-17 D2849-16 - CTECH D2849 WATER 5/22/2012 14:40 7/22/2012	MW-18 D2849-19 - CTECH D2849 WATER 5/23/2012 10:58 7/22/2012	MW-19 D2849-12 - CTECH D2849 WATER 5/21/2012 14:40 7/22/2012
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	50 U	10 U	10 U	50 U	10 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.21 U	0.22 UJ	0.21 UJ	0.21 UJ	0.21 UJ
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.41 U	0.43 U	0.42 U	0.41 U	0.43 U
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.58 U	0.61 U	0.59 U	0.58 U	0.6 U
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.68 U	0.72 U	0.69 U	0.68 U	0.7 U
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.73 U	0.77 U	0.75 U	0.73 U	0.76 U
51-28-5	2,4-DINITROPHENOL	ug/l	2.2 U	2.3 U	2.2 U	2.2 U	2.2 U
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	0.33 U	0.35 U	0.34 U	0.33 U	0.34 U
MEPH3MEPH	3+4-METHYLPHENOLS	ug/l	0.39 U	0.41 U	0.4 U	0.39 U	0.4 U
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U
95-57-8	2-CHLOROPHENOL	ug/l	0.56 U	0.59 U	0.57 U	0.56 U	0.57 U
91-57-6	2-METHYLNAPHTHALENE	ug/l	6.5 J	65	0.34 U	0.33 U	0.34 U
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.25 U	0.26 U	0.25 U	0.25 U	0.26 U
88-74-4	2-NITROANILINE	ug/l	0.51 U	0.53 U	0.52 U	0.51 U	0.52 U
88-75-5	2-NITROPHENOL	ug/l	0.54 U	0.57 U	0.55 U	0.54 U	0.55 U
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U
99-09-2	3-NITROANILINE	ug/l	1.1 U	1.2 U	1.1 U	1.1 U	1.2 U
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.76 U	0.8 U	0.78 U	0.76 U	0.79 U
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.24 U	0.25 U	0.24 U	0.24 U	0.24 U
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.41 U	0.43 U	0.42 U	0.41 U	0.43 U
106-47-8	4-CHLOROANILINE	ug/l	2.9 U	3.1 U	3 U	2.9 U	3 U
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U
100-01-6	4-NITROANILINE	ug/l	1.4 U	1.5 U	1.4 U	1.4 U	1.4 U
100-02-7	4-NITROPHENOL	ug/l	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U
83-32-9	ACENAPHTHENE	ug/l	0.22 U	6.7 J	0.22 U	0.22 U	0.22 U
208-96-8	ACENAPHTHYLENE	ug/l	15	56	0.74 U	6.5 J	0.74 U
98-86-2	ACETOPHENONE	ug/l	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
120-12-7	ANTHRACENE	ug/l	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U
1912-24-9	ATRAZINE	ug/l	0.41 U	0.43 U	0.42 U	0.41 U	0.43 U
100-52-7	BENZALDEHYDE	ug/l	4.6 J	0.84 U	0.81 U	0.79 U	0.82 U
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.16 U	0.17 U	0.17 U	0.16 U	0.17 U
50-32-8	BENZO(A)PYRENE	ug/l	0.14 U	0.15 U	0.15 U	0.14 U	0.15 U
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.3 U	0.32 U	0.31 U	0.3 U	0.31 U
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.3 U	0.32 U	0.31 U	0.3 U	0.31 U
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.2 U	0.21 UJ	0.2 UJ	0.2 UJ	0.2 UJ
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.15 U	21	0.16 U	0.15 U	0.16 U
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.57 U	0.6 U	0.58 U	0.57 U	0.59 U
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.57 U	0.6 U	0.58 U	0.57 U	0.59 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	0.16 U	0.17 UJ	0.17 UJ	0.16 UJ	0.17 UJ
105-60-2	CAPROLACTAM	ug/l	2.1 U	2.2 U	2.1 U	2.1 U	2.1 U
86-74-8	CARBAZOLE	ug/l	0.23 U	0.24 U	0.23 U	0.23 U	0.23 U
218-01-9	CHRYSENE	ug/l	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.43 U	0.46 U	0.44 U	0.43 U	0.45 U
132-64-9	DIBENZOFURAN	ug/l	0.25 U	0.26 U	0.25 U	0.25 U	0.26 U
84-66-2	DIETHYL PHTHALATE	ug/l	0.39 U	0.41 UJ	0.4 UJ	0.39 UJ	0.4 UJ
131-11-3	DIMETHYL PHTHALATE	ug/l	0.23 U	0.24 UJ	0.23 UJ	0.23 UJ	0.23 UJ
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.1 U	2.2 UJ	2.1 UJ	2.1 UJ	2.1 UJ
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.53 U	0.55 U	0.54 U	0.53 U	0.54 U
206-44-0	FLUORANTHENE	ug/l	0.41 U	0.43 U	0.42 U	0.41 U	0.43 U
86-73-7	FLUORENE	ug/l	0.32 U	5.6 J	0.33 U	0.32 U	0.33 U
118-74-1	HEXACHLOROBENZENE	ug/l	0.19 U	0.2 U	0.19 U	0.19 U	0.19 U
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.26 U	0.27 U	0.26 U	0.26 U	0.27 U
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.25 U	0.26 U	0.25 U	0.25 U	0.26 U
67-72-1	HEXACHLOROETHANE	ug/l	0.26 U	0.27 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	0.16 U	0.16 U	0.15 U	0.16 U
78-59-1	ISOPHORONE	ug/l	0.31 U	0.33 U	0.32 U	0.31 U	0.32 U
91-20-3	NAPHTHALENE	ug/l	460	34	0.13 U	0.12 U	0.13 U
98-95-3	NITROBENZENE	ug/l	0.7 U	0.74 U	0.72 U	0.7 U	0.72 U
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.62 U	0.65 U	0.63 U	0.62 U	0.64 U
87-86-5	PENTACHLOROPHENOL	ug/l	1.8 U	1.9 U	1.8 U	1.8 U	1.8 U
85-01-8	PHENANTHRENE	ug/l	0.27 U	19	0.27 U	0.27 U	0.28 U
108-95-2	PHENOL	ug/l	0.22 U	0.23 U	0.22 U	0.22 U	0.22 U
129-00-0	PYRENE	ug/l	0.21 U	0.22 U	0.21 U	0.21 U	0.21 U

Con Ed - White Plains Validated Groundwater Analytical Data SDG: D2849		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-20 D2849-02 - CTECH D2849 WATER 5/22/2012 9:15 7/22/2012	FB052412 D2849-22 - CRC D2849 WATER 5/24/2012 7:45 7/22/2012	TRIPBLANK D2849-23 - CTECH D2849 WATER 5/17/2012 16:00 7/22/2012
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	0.2 U	0.65 UJ	0.2 U
120-82-1	1,2,4-TRICHLOROBENZENE	ug/l	0.2 U	0.62 U	0.2 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
591-78-6	2-HEXANONE	ug/l	1.9 U	1.9 U	1.9 U
67-64-1	ACETONE	ug/l	0.5 U	2.8 U	0.5 U
71-43-2	BENZENE	ug/l	0.32 U	0.32 U	0.32 U
74-97-5	BROMOCHLOROMETHANE	ug/l	0.2 U	2.2 U	0.2 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	0.2 U	0.62 U	0.2 U
75-15-0	CARBON DISULFIDE	ug/l	0.2 U	3.8 J	0.2 U
56-23-5	CARBON TETRACHLORIDE	ug/l	0.2 U	0.62 U	0.2 U
108-90-7	CHLOROBENZENE	ug/l	0.49 U	0.49 U	0.49 U
75-00-3	CHLOROETHANE	ug/l	0.2 U	0.66 U	0.2 U
67-66-3	CHLOROFORM	ug/l	0.34 U	0.34 U	0.34 U
74-87-3	CHLOROMETHANE	ug/l	0.2 U	0.54 U	0.2 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	0.2 U	0.55 U	0.2 U
124-48-1	DIBROMOCHLOROMETHANE	ug/l	0.2 U	0.52 U	0.2 U
75-71-8	DICHLORODIFLUOROMETHANE	ug/l	0.2 U	0.55 U	0.2 U
100-41-4	ETHYLBENZENE	ug/l	0.2 U	0.53 U	0.2 U
98-82-8	ISOPROPYLBENZENE (CUMENE)	ug/l	0.45 U	0.45 U	0.45 U
XYLMP	M,P-XYLENES	ug/l	0.95 U	0.95 U	0.95 U
79-20-9	METHYL ACETATE	ug/l	0.2 U	0.83 U	0.2 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	0.2 U	0.68 U	0.2 U
75-09-2	METHYLENE CHLORIDE	ug/l	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
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

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CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES				
95-94-3	1,2,4,5-TETRACHLOROBENZENE	ug/l	0.22 U	0.22 U	
123-91-1	1,4-DIOXANE (P-DIOXANE)	ug/l	10 U	50 U	10 U
58-90-2	2,3,4,6-TETRACHLOROPHENOL	ug/l	0.22 UJ	0.22 UJ	
95-95-4	2,4,5-TRICHLOROPHENOL	ug/l	0.43 U	0.44 U	
88-06-2	2,4,6-TRICHLOROPHENOL	ug/l	0.61 U	0.62 U	
120-83-2	2,4-DICHLOROPHENOL	ug/l	0.72 U	0.73 U	
105-67-9	2,4-DIMETHYLPHENOL	ug/l	0.77 U	0.79 U	
51-28-5	2,4-DINITROPHENOL	ug/l	2.3 UJ	2.3 UJ	
121-14-2	2,4-DINITROTOLUENE	ug/l	1.1 U	1.1 U	
606-20-2	2,6-DINITROTOLUENE	ug/l	0.35 U	0.36 U	
MEPH3MEPH	3+4-METHYLPHENOLS	ug/l	0.41 U	0.42 U	
91-58-7	2-CHLORONAPHTHALENE	ug/l	0.17 U	0.18 U	
95-57-8	2-CHLOROPHENOL	ug/l	0.59 U	0.6 U	
91-57-6	2-METHYLNAPHTHALENE	ug/l	0.35 U	0.36 U	
95-48-7	2-METHYLPHENOL (O-CRESOL)	ug/l	0.26 U	0.27 U	
88-74-4	2-NITROANILINE	ug/l	0.53 U	0.54 U	
88-75-5	2-NITROPHENOL	ug/l	0.57 U	0.58 U	
91-94-1	3,3'-DICHLOROBENZIDINE	ug/l	2.2 U	2.2 U	
99-09-2	3-NITROANILINE	ug/l	1.2 U	1.2 U	
534-52-1	4,6-DINITRO-2-METHYLPHENOL	ug/l	0.8 U	0.82 U	
101-55-3	4-BROMOPHENYL PHENYL ETHER	ug/l	0.25 U	0.26 U	
59-50-7	4-CHLORO-3-METHYLPHENOL	ug/l	0.43 U	0.44 U	
106-47-8	4-CHLOROANILINE	ug/l	3.1 U	3.2 U	
7005-72-3	4-CHLOROPHENYL PHENYL ETHER	ug/l	0.23 U	0.23 U	
100-01-6	4-NITROANILINE	ug/l	1.5 U	1.5 U	
100-02-7	4-NITROPHENOL	ug/l	2.2 U	2.2 U	
83-32-9	ACENAPHTHENE	ug/l	0.23 U	0.23 U	
208-96-8	ACENAPHTHYLENE	ug/l	0.76 U	0.78 U	
98-86-2	ACETOPHENONE	ug/l	0.15 U	0.16 U	
120-12-7	ANTHRACENE	ug/l	0.17 U	0.18 U	
1912-24-9	ATRAZINE	ug/l	0.43 U	0.44 U	
100-52-7	BENZALDEHYDE	ug/l	0.84 U	0.86 U	
56-55-3	BENZO(A)ANTHRACENE	ug/l	0.17 U	0.18 U	
50-32-8	BENZO(A)PYRENE	ug/l	0.15 U	0.16 U	
205-99-2	BENZO(B)FLUORANTHENE	ug/l	0.32 U	0.32 U	
191-24-2	BENZO(G,H,I)PERYLENE	ug/l	0.32 U	0.32 U	
207-08-9	BENZO(K)FLUORANTHENE	ug/l	0.2 U	0.2 U	
85-68-7	BENZYL BUTYL PHTHALATE	ug/l	0.21 UJ	0.21 UJ	
92-52-4	BIPHENYL (DIPHENYL)	ug/l	0.16 U	0.17 U	
111-91-1	BIS(2-CHLOROETHOXY) METHANE	ug/l	0.6 U	0.61 U	
111-44-4	BIS(2-CHLOROETHYL) ETHER (2-CHLOROETHYL ETHER)	ug/l	0.6 U	0.61 U	
108-60-1	BIS(2-CHLOROISOPROPYL) ETHER	ug/l	0.18 U	0.19 U	
117-81-7	BIS(2-ETHYLHEXYL) PHTHALATE	ug/l	0.17 UJ	0.18 UJ	
105-60-2	CAPROLACTAM	ug/l	2.2 U	2.2 U	
86-74-8	CARBAZOLE	ug/l	0.24 U	0.24 U	
218-01-9	CHRYSENE	ug/l	0.2 U	0.2 U	
53-70-3	DIBENZ(A,H)ANTHRACENE	ug/l	0.46 U	0.47 U	
132-64-9	DIBENZOFURAN	ug/l	0.26 U	0.27 U	
84-66-2	DIETHYL PHTHALATE	ug/l	0.41 UJ	0.42 UJ	
131-11-3	DIMETHYL PHTHALATE	ug/l	0.24 UJ	0.24 UJ	
84-74-2	DI-N-BUTYL PHTHALATE	ug/l	2.2 UJ	2.2 UJ	
117-84-0	DI-N-OCTYLPHTHALATE	ug/l	0.55 UJ	0.57 UJ	
206-44-0	FLUORANTHENE	ug/l	0.43 U	0.44 U	
86-73-7	FLUORENE	ug/l	0.34 U	0.34 U	
118-74-1	HEXACHLOROBENZENE	ug/l	0.2 U	0.2 U	
87-68-3	HEXACHLOROBUTADIENE	ug/l	0.27 U	0.28 U	
77-47-4	HEXACHLOROCYCLOPENTADIENE	ug/l	0.26 U	0.27 U	
67-72-1	HEXACHLOROETHANE	ug/l	0.27 U	0.28 U	
193-39-5	INDENO(1,2,3-C,D)PYRENE	ug/l	0.16 U	0.17 U	
78-59-1	ISOPHORONE	ug/l	0.33 U	0.33 U	
91-20-3	NAPHTHALENE	ug/l	0.13 U	0.13 U	
98-95-3	NITROBENZENE	ug/l	0.74 U	0.76 U	
621-64-7	N-NITROSODI-N-PROPYLAMINE	ug/l	0.22 U	0.22 U	
86-30-6	N-NITROSODIPHENYLAMINE	ug/l	0.65 U	0.67 U	
87-86-5	PENTACHLOROPHENOL	ug/l	1.9 U	1.9 U	
85-01-8	PHENANTHRENE	ug/l	0.28 U	0.29 U	
108-95-2	PHENOL	ug/l	0.23 U	0.23 U	
129-00-0	PYRENE	ug/l	0.22 U	0.22 U	