Niagara Mohawk
A National Grid Company

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August 15, 2005

Mr. Douglas K. MacNeal
Environmental Engineer
Bureau of Western Remedial Action
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7017

Re: Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York
Yard Storage Area – Supplemental Soil Sampling Activities
Voluntary Consent Order Index No. 04-6473-0000
USEPA ID No: NYD000730408
Site No. 4-01-040P

Dear Mr. MacNeal:

This letter presents a summary of supplemental soil sampling activities conducted at the Niagara Mohawk, a National Grid Company (Niagara Mohawk) North Albany Service Center located in Albany, New York. A site location map is presented as Figure 1. The supplemental soil sampling activities were conducted to further evaluate the presence and extent of chemical constituents in soil in two areas at the site (shown on Figure 2), including the yard storage area south of the main service center building (Building 2) and the location for a proposed Verizon Wireless Communications facility in the northern portion of the property. The supplemental soil sampling activities were conducted in accordance with a December 21, 2004 letter from Niagara Mohawk to the New York State Department of Environmental Conservation (NYSDEC). The NYSDEC approved the supplemental soil sampling activities in a January 27, 2005 letter to Niagara Mohawk.

The supplemental soil sampling activities in the yard storage area were conducted to provide additional data to address identified data gaps and to facilitate the evaluation of remedial alternatives (including a potential Interim Remedial Measure [IRM]) to address surface and shallow subsurface soil in the yard storage area. The objective of any potential IRM within the yard storage area would be to address existing health and safety concerns and potential environmental concerns associated with the existing uneven surface conditions in the yard storage area. The gravel and soil surface of the yard storage area has extensive surface irregularities (i.e., pot holes) that have resulted in at least one lost-time injury to a Niagara Mohawk employee and also represent an environmental hazard with respect to the handling of oil-filled electrical equipment.

Supplemental soil sampling activities at the location of the proposed Verizon Wireless Communications facility were conducted to evaluate whether chemical constituents were present in soil at concentrations that would potentially create concerns with respect to construction and/or maintenance of the facility.

A description of the supplemental soil sampling activities is presented below, followed by a summary of the sampling results and conclusions and recommendations.

Supplemental Soil Sampling Activities

Supplemental soil sampling activities were conducted on February 22 and 23, 2005. Two soil borings (SB-177 and SB-178) were completed to evaluate the potential presence of chemical constituents in soil in the vicinity of a proposed Verizon Wireless Communication Facility (shown on Figure 3). The supplemental soil sampling activities in the yard storage area consisted of completing soil borings at 15 locations (SB-162 through SB-176), as shown on Figure 4. The soil borings were completed by Blasland, Bouck & Lee, Inc. (BBL), using a truck-mounted, direct-push AMS® 9600 PowerProbe sampling rig. At each direct-push soil boring location, one surface soil sample was collected at a depth of 0 to 0.5 feet below ground surface (bgs). In addition, soil samples were collected continuously at each direct-push soil boring location to a depth of approximately 10 feet bgs using 4-foot long macrocore sampling devices lined with dedicated polyethylene sleeves. Soil samples recovered from the borings were segregated into 2-foot intervals for visual characterization (including moisture content, soil type, and the presence/absence of staining, sheens, and/or noticeable odors) and headspace screening using a photoionization detector (PID). One soil sample from each soil boring was selected for laboratory analysis based on the presence of visual staining, elevated headspace screening measurements (based on screening using a PID), and/or changes in subsurface soil stratigraphy. Following the completion of the sampling activities, the sampling locations were surveyed by Niagara Mohawk's Survey Department.

The surface and subsurface soil samples were submitted to Compuchem Laboratories in Cary, North Carolina (Compuchem) for laboratory analysis on a standard turnaround basis for polychlorinated biphenyls (PCBs) and target compound list (TCL) semi-volatile organic compounds (SVOCs). In addition, the subsurface soil samples were submitted for laboratory analysis of TCL volatile organic compounds (VOCs). A listing of the soil samples that were submitted for laboratory analysis is presented in Table 1. Quality Assurance/Quality Control (QA/QC) samples (including field duplicate, matrix spike, and matrix spike duplicate samples) were also submitted for laboratory analysis. Compuchem analyzed the soil samples using United States Environmental Protection Agency (USEPA) SW-846 Methods as referenced in the NYSDEC 2000 Analytical Services Protocol (ASP). Analytical results obtained for the laboratory analysis of the subsurface soil samples were reported using NYSDEC ASP Category B data deliverables.

Supplemental Soil Sampling Results

The results obtained for the supplemental soil sampling activities are summarized below, including a description of the soil conditions encountered at the sampling locations and analytical results obtained for the laboratory analysis of the surface and subsurface soil samples.

Soil Conditions

Soil conditions encountered at each sampling location are documented in the boring logs included as Attachment A. A summary of PID headspace screening results for each soil sampling interval is

presented in Table 2. Subsurface stratigraphic conditions encountered at the soil boring locations generally consisted of:

- Fill material which varies from 5 to 10 feet in thickness and consists primarily of sand with silt, gravel, brick, ash, coal, and wood fibers; and
- Layers of dense clayey silt with some shale fragments were encountered at depths of 5 to 9.5 feet below ground surface (bgs) varying in thickness from 2 to 3.5 feet.

The soil conditions encountered during the supplemental soil sampling investigation were consistent with previous investigations conducted in the yard storage area.

Soil Sampling Analytical Results

Analytical reports generated for the laboratory analysis of the soil samples collected as part of the supplemental soil sampling activities were reviewed by BBL's data validation staff. Data Usability Summary Reports (DUSRs) which describe the findings of the data validation review are presented in Attachment B. As summarized in the DUSRs, the PCB analytical results for the soil samples collected as part of the supplemental soil sampling program have been qualified as estimated values because the instrument calibration used for the analysis followed USEPA SW-846 methods and not NYSDEC ASP guidelines (i.e., the two methods use slightly different instrument calibration procedures). However, the results for the supplemental soil sampling activities appear to be relatively consistent with the results for previous investigation activities in the yard storage area and are adequate for use in evaluating potential remedial requirements. Analytical results for the surface and subsurface soil samples collected as part of the supplemental soil sampling activities are summarized below.

PCBs

The analytical results for surface soil samples submitted for PCB analysis are presented in Table 3. PCB concentrations detected in the surface soil samples collected for the yard storage area (including the results for samples collected as part of previous investigations) are shown on Figure 4. The analytical results indicate that PCBs were detected at concentrations exceeding laboratory detection limits at 13 of the 17 surface soil sampling locations. PCBs were detected in two surface soil samples (SS-173 and DUP-SS-1[SS-175]) at estimated concentrations exceeding the 1 parts per million (ppm) recommended surface soil cleanup objective presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum: Determination of Soil Cleanup Objectives and Cleanup Levels" (TAGM 4046, dated January 24, 1994). PCBs were detected at estimated concentrations of 2. 2ppm and 53 ppm in surface soil samples SS-173 and DUP-SS-1[SS-175], respectively. The detected concentration of 53 ppm in duplicate sample DUP-SS-1 does not correlate well with the corresponding surface soil sample collected at the same location (i.e., sample SS-173, which was detected at a concentration of 0.19 ppm). As noted above, the PCB analytical results for the soil samples have been qualified as estimated values based on data validation review.

The analytical results for subsurface soil samples submitted for PCB analysis are presented in Table 4 and shown on Figure 4. PCB concentrations detected in subsurface soil samples collected for the yard storage area (including the results for previous investigations) are shown on Figure 4. The analytical results indicate that PCBs were detected at three locations at concentrations exceeding laboratory detection limits, including SB-162 (4-6'), SB-169 (4-6') and SB-178 (4-6'). However, PCBs were not detected in

any of the subsurface soil samples at estimated concentrations which exceeded the 10 ppm recommended subsurface soil cleanup objective presented in TAGM 4046.

TCL SVOCs

Analytical results for detected TCL SVOCs in the surface soil samples collected as part of the supplemental soil sampling activities are presented in Table 5. Total concentrations for a specific group of SVOCs known as polynuclear aromatic hydrocarbons (PAHs) that were detected in the surface soil samples collected from the yard storage area (including results for the supplemental soil sampling activities and previous investigations) are shown on Figure 5. The analytical results indicate that select SVOCs, including benzo(a)anthracene, benzo(a)pyrene, chrysene, and dibenzo(a,h)anthracene, were detected at concentrations exceeding the NYSDEC-recommended soil cleanup objectives in 12 of 15 surface soil samples collected at SS-162, SS-165 through SS-171, and SS-173 through SS-176.

Analytical results for detected SVOCs in subsurface soil samples collected as part of the supplemental soil sampling activities are presented in Table 6. Total PAH concentrations detected in subsurface soil samples collected from the yard storage area (including results for the supplemental sampling activities and previous investigations) indicate that select SVOCs were detected at concentrations exceeding the NYSDEC-recommended soil cleanup objectives in 11 of 15 subsurface soil samples. The highest levels of SVOCs were detected in subsurface soil samples collected from soil borings SB-165, SB-168, and SB-172.

TCL VOCs

Analytical results for subsurface soil samples submitted for TCL VOC analysis are presented in Table 6. Total concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX compounds) detected in subsurface soil samples collected from the yard storage area (including results for the supplemental soil sampling activities and previous investigations) are shown on Figure 5. The analytical results indicate that eight different VOCs were detected at concentrations exceeding laboratory detection limits. However, VOCs were not detected in any of the soil samples at concentrations exceeding NYSDEC-recommended soil cleanup objectives presented in TAGM 4046.

Conclusions

No constituents were identified at concentrations which would pose a potential concern in the soil samples collected from the boring completed in the vicinity of the proposed Verizon Wireless Communications facility.

Based on the results obtained for the supplemental soil sampling activities and previous investigations, PCBs and SVOCs are the primary constituents of concern in soil within the yard storage area. PCBs have been detected at levels of concern at a few specific surface soil sampling locations and SVOCs have only been detected at concentrations of concern at specific subsurface soil sampling locations.

Based on the results of soil sampling activities conducted for the yard storage area, Niagara Mohawk proposes to implement an IRM that will consist of removing surface and subsurface soil to address PCBs and SVOCs at select locations within the yard storage area. The proposed IRM will also address existing health and safety concerns and potential environmental concerns associated with the existing uneven surface conditions in the yard storage area (e.g., surface irregularities within the yard storage area have

resulted in at least one lost-time injury to a Niagara Mohawk employee and also represent a potential environmental hazard with respect to the handling of oil-filled electrical equipment). As you know, the yard storage area located south of Building 2 does not contain significant MGP-related impacts, and the proposed IRM will be implemented to address environmental impacts primarily associated with non-MGP operations at the site (e.g., handling of oil-filled electrical equipment and former operation of a treatment, storage, disposal, and facility [TSDF] at the site). Although these activities are proposed as an IRM, Niagara Mohawk anticipates that these efforts would likely be tied into the overall remedy for the North Albany Service Center property and that it would be unlikely that further soil removal activities in the yard storage area would be necessary.

The proposed IRM will be implemented to remove surface and shallow subsurface soils that contain PCBs at concentrations exceeding the NYSDEC-recommended soil cleanup objective of 1 ppm for surface soil and 10 ppm for subsurface soil (including at surface soil sample locations SS-102, SS-103, SS-104, SS-110, and SS-113 [collected at test pit locations TP-102, TP-103, TP-104, TP-110, and TP-113, respectively] and at soil borings SB-173 and SB-175). Surface and subsurface soil removal activities are also proposed to reduce the concentration of SVOCs at surface soil sampling location SS-103 (collected at test pit location TP-103), test pit locations TP-104 and TP-114, and soil boring locations SB-165 and SB-168. The anticipated extent of surface and subsurface soil removal that is proposed in the yard storage area is shown on Figure 6 (including the approximate aerial extent and volume of soil to be removed from each area). Following removal of soil to the approximate limits shown on Figure 6, Niagara Mohawk will collect soil samples for laboratory analysis to document the concentrations of PCBs and SVOCs that may remain at the limits of each excavation area and to determine whether additional soil removal activities may be necessary. Following completion of the soil removal activities in the yard storage area, Niagara Mohawk will smooth and re-grade the entire yard storage area (to remove potholes and surface irregularities), followed by surface restoration with a combination of compacted crushed stone for equipment storage areas and paved access roads for vehicle ingress/egress through the area.

If the IRM activities described above are acceptable to the NYSDEC, Niagara Mohawk intends to implement the field work associated with the activities during Fall 2005. Following NYSDEC approval of the proposed soil removal IRM, Niagara Mohawk will initiate activities to procure a remedial contractor to implement the IRM. Niagara Mohawk anticipates that the soil removal IRM within the yard storage area will be implemented during October/November 2005.

Niagara Mohawk will contact you during the week of August 22, 2005 to discuss NYSDEC comments on the proposed IRM soil removal activities. In the meantime, please do not hesitate to contact me at (315) 428-3101 if you have any questions or require additional information.

Sincerely,

James F. Morgan

James F. Morgan
Lead Senior Environmental Engineer

MCJ/jlc
Attachments

cc: Mr. Robert Schick, P.E., New York State Department of Environmental Conservation
Ms. Maureen E. Schuck, New York State Department of Health
William J. Holzhauer, Esq., Niagara Mohawk, a National Grid Company
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Mr. Andrew Blaszkow, Niagara Mohawk, a National Grid Company
Mr. Michael C. Jones, Blasland, Bouck & Lee, Inc.
Mr. Charles E. Guest, P.E., Blasland, Bouck & Lee, Inc.

Table 1

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Analytical Sample Summary

Matrix	Sample Location	Sample ID	Date Sampled	SDG#	Analyses		
					PCBs	TCL SVOCs	TCL VOCs
Surface Soil	SB-162	SS-162	2/23/2005	5798	X	X	
	SB-163	SS-163	2/23/2005	5798	X	X	
	SB-164	SS-164	2/23/2005	5798	X	X	
	SB-165	SS-165	2/23/2005	5798	X	X	
	SB-166	SS-166	2/22/2005	5798	X	X	
	SB-167	SS-167	2/22/2005	5798	X	X	
	SB-168	SS-168	2/22/2005	5798	X	X	
	SB-169	SS-169	2/22/2005	5798	X	X	
	SB-170	SS-170	2/22/2005	5798	X	X	
	SB-171	SS-171	2/22/2005	5798	X	X	
	SB-172	SS-172	2/22/2005	5798	X	X	
	SB-173	SS-173	2/22/2005	5798	X	X	
	SB-174	SS-174	2/22/2005	5798	X	X	
	SB-175	SS-175	2/22/2005	5798	X	X	
		DUP-SS-1 [SS-175]	2/22/2005	5798	X	X	
	SB-176	SS-176	2/22/2005	5798	X	X	
	SB-177	SS-177	2/23/2005	5798	X	X	
	SB-178	SS-178	2/23/2005	5798	X	X	

Table 1

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Analytical Sample Summary

Matrix	Sample Location	Sample ID	Date Sampled	SDG#	Analyses		
					PCBs	TCL SVOCs	TCL VOCs
Subsurface Soil	SB-162	SB-162 (4-6')	2/23/2005	5797	X	X	X
	SB-163	SB-163 (4-6')	2/23/2005	5797	X	X	X
	SB-164	SB-164 (4-6')	2/23/2005	5797	X	X	X
	SB-165	SB-165 (4-6')	2/23/2005	5797	X	X	X
	SB-166	SB-166 (4-6')	2/22/2005	5797	X	X	X
	SB-167	SB-167 (4-6')	2/22/2005	5797	X	X	X
	SB-168	SB-168 (4-6')	2/22/2005	5797	X	X	X
	SB-169	SB-169 (4-6')	2/22/2005	5797	X	X	X
	SB-170	SB-170 (4-6')	2/22/2005	5797	X	X	X
	SB-171	SB-171 (4-6')	2/22/2005	5797	X	X	X
	SB-172	SB-172 (4-6')	2/22/2005	5797	X	X	X
		DUP-1 [SB-172 (4 - 6')]	2/22/2005	5797	X	X	X
	SB-173	SB-173 (5-6')	2/22/2005	5797	X	X	X
	SB-174	SB-174 (4-6')	2/22/2005	5797	X	X	X
	SB-175	SB-175 (7-8')	2/22/2005	5797	X	X	X
	SB-176	SB-176 (2-4')	2/22/2005	5797	X	X	X
	SB-177	SB-177 (4-6')	2/23/2005	5797	X	X	X
	SB-178	SB-178 (4-6')	2/23/2005	5797	X	X	X

Table 1

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Analytical Sample Summary

Notes:

1. SDG - Sample delivery group.
2. Sample designations indicate the following:
   - SS - Surface soil sample;
   - SB - Soil boring; and
   - DUP - Duplicate sample.
3. Samples were analyzed using the following methods as referenced in the New York State Department of Environmental Conservation (NYSI 2000 Analytical Service Protocol (ASP):
   - TCL VOCs - Target Compound List (TCL) Volatile organic compounds using United States Environmental Protection Agency (USEPA) SW Method 8260.
   - TCL SVOCs - TCL Semi-volatile organic compounds using USEPA SW-846 Method 8270.
   - PCBs - Polychlorinated biphenyls using USEPA SW-846 Method 8082.

Table 2

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Headspace Screening Summary

Sample Location	Sample Date	Sample Depth (feet bgs)	PID Measurement (ppm)
SB-162	2/23/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	0.0
SB-163	2/23/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	11.2
SB-164	2/23/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	0.0
SB-165	2/23/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	0.0
SB-166	2/22/2005	0 - 1	25.4
		1 - 2	30.8
		2 - 3	22.4
		3 - 4	21.3
		4 - 5	40.3
		5 - 6	39.7
		6 - 7	20.2
		7 - 8	18.7
		8 - 9	18.2
		9 - 10	19.4
SB-167	2/22/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	0.0
SB-168	2/22/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	0.0
SB-169	2/22/2005	0 - 1	0.0
		1 - 2	1.5
		2 - 3	0.0
		3 - 4	0.0
		4 - 5	6.9
		5 - 6	24.4
		6 - 7	7.3
		7 - 8	6.4
		8 - 9	6.3
		9 - 10	5.4

Table 2

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Headspace Screening Summary

Sample Location	Sample Date	Sample Depth (feet bgs)	PID Measurement (ppm)
SB-170	2/22/2005	0 - 1	36.7
		1 - 2	35.1
		2 - 3	21.2
		3 - 4	20.5
		4 - 5	23.2
		5 - 6	35.9
		6 - 7	12.2
		7 - 8	24.9
		8 - 9	24.5
		9 - 10	22.4
SB-171	2/22/2005	0 - 1	28.1
		1 - 2	20.5
		2 - 3	22.4
		3 - 4	20.5
		4 - 5	31.5
		5 - 6	29.4
		6 - 7	20.2
		7 - 8	21.5
		8 - 9	18.2
		9 - 10	20.5
SB-172	2/22/2005	0 - 1	5.3
		1 - 2	12.2
		2 - 3	14.3
		3 - 4	16.9
		4 - 5	17.5
		5 - 6	10.2
		6 - 7	12.2
		7 - 8	7.5
		8 - 8.5	11.1
		8.5 - 9.5	10.7
		9.5 - 10	8.2
SB-173	2/22/2005	0 - 1	26.8
		1 - 2	34.5
		2 - 3	29.2
		3 - 4	20.5
		4 - 5	35.1
		5 - 6	32.4
		6 - 7	37.2
		7 - 8	30.8
		8 - 9	11.1
		9 - 10	9.2

Table 2

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Headspace Screening Summary

Sample Location	Sample Date	Sample Depth (feet bgs)	PID Measurement (ppm)
SB-174	2/22/2005	0 - 1	24.3
		1 - 2	23.5
		2 - 3	22.5
		3 - 4	21.8
		4 - 5	24.8
		5 - 6	18.2
		6 - 7	19.3
		7 - 8	20.4
		8 - 9	18.5
		9 - 10	20.2
SB-175	2/22/2005	0 - 1	4.2
		1 - 2	8.2
		2 - 3	17.2
		3 - 4	9.0
		4 - 5	7.9
		5 - 6	17.0
		6 - 7	10.1
		7 - 8	35.1
		8 - 8.5	20.2
		8.5 - 9.5	15.4
		9.5 - 10	21.2
SB-176	2/22/2005	0 - 4	NA
		4 - 8	NA
		8 - 10	NA
SB-177	2/23/2005	0 - 4	0.0
		4 - 8	0.0
		8 - 10	0.0
SB-178	2/23/2005	0 - 4	0.0
		4 - 8	0.0

Notes:
1. PID - Photoionization detector.
2. Headspace screening results reported in parts per million (ppm).
3. Sample depth presented in feet below ground surface (bgs).
4. Sample location designations indicate the following:
   - SB - Soil boring.
5. NA - Not available.

Table 3

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Surface Soil Analytical Results for Total PCBs (ppm)

Sample Location	Sample ID	Sample Date	Total PCB Concentration (ppm)
SB-162	SS-162	2/23/2005	0.087 UJ
SB-163	SS-163	2/23/2005	0.028 J
SB-164	SS-164	2/23/2005	0.071 UJ
SB-165	SS-165	2/23/2005	0.67 J
SB-166	SS-166	2/22/2005	0.6 J
SB-167	SS-167	2/22/2005	0.13 J
SB-168	SS-168	2/22/2005	0.079 UJ
SB-169	SS-169	2/22/2005	0.69 J
SB-170	SS-170	2/22/2005	0.103 J
SB-171	SS-171	2/22/2005	0.072 J
SB-172	SS-172	2/22/2005	0.247 J
SB-173	SS-173	2/22/2005	**2.2 J**
SB-174	SS-174	2/22/2005	0.66 J
SB-175	SS-175	2/22/2005	0.19 J
	DUP-SS-1 [SS-175]	2/22/2005	**53 J**
SB-176	SS-176	2/22/2005	0.032 J
SB-177	SS-177	2/23/2005	0.04 J
SB-178	SS-178	2/23/2005	0.072 UJ

Notes:

1. Surface soil samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February 2005.
2. Samples analyzed by CompuChem Laboratories, Inc. (Cary, North Carolina) using USEPA SW-846 Method 8082.
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. Sample designations indicate the following:
   DUP - Duplicate sample;
   SS - Surface soil; and
   SB - Soil boring.
5. U - Compound was not detected at a concentration exceeding the laboratory detection limit. The listed value represents the laboratory detection limit.
6. J - The value is an estimated concentration.
7. Shaded values indicate that the total PCB concentration is equal to or greater than the recommended soil cleanup objective of 1 ppm as presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objectives and Cleanup Levels," HWR-94-4046 (TAGM 4046), dated January 24, 1994.

Table 5

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Surface Soil Analytical Results for Detected TCL SVOCs (ppm)

Paramter	NYSDEC-Recommended Soil Cleanup Objective (ppm)	SS-162 (0 - 0.5') 02/23/05 (ppm)	SS-163 (0 - 0.5') 02/23/05 (ppm)	SS-164 (0 - 0.5') 02/23/05 (ppm)	SS-165 (0 - 0.5') 02/23/05 (ppm)	SS-166 (0 - 0.5') 02/22/05 (ppm)	SS-167 (0 - 0.5') 02/22/05 (ppm)	SS-168 (0 - 0.5') 02/22/05 (ppm)	SS-169 (0 - 0.5') 02/22/05 (ppm)	SS-170 (0 - 0.5') 02/22/05 (ppm)
TCL SVOCs										
2,4-Dinitrophenol	0.2	1.1 UJ	0.86 UJ	4.4 UJ	0.87 UJ	0.89 UJ	0.87 UJ	0.98 UJ	0.9 UJ	1 UJ
2-Methylnaphthalene	36.4	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Acenaphthene	50.0*	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Acenaphthylene	41.0	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.11 J	0.36 U	0.2 J
Anthracene	50.0*	0.43 U	0.34 U	1.7 U	0.35 U	0.25 J	0.35 U	0.083 J	0.36 U	0.16 J
Atrazine	NA	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Benzo(a)anthracene	0.224 or MDL	0.17 J	0.34 U	1.7 U	0.072 J	**0.69**	0.088 J	0.21 J	0.14 J	**0.37 J**
Benzo(a)pyrene	0.061 or MDL	**0.18 J**	0.34 U	1.7 U	**0.1 J**	**0.84**	**0.11 J**	**0.25 J**	**0.17 J**	**0.45**
Benzo(b)fluoranthene	1.1	0.15 J	0.34 U	1.7 U	0.12 J	0.82	0.13 J	0.31 J	0.18 J	0.52
Benzo(g,h,i)perylene	50.0*	0.43 U	0.34 U	1.7 U	0.075 J	0.34 J	0.35 U	0.16 J	0.082 J	0.29 J
Benzo(k)fluoranthene	1.1	0.21 J	0.34 U	1.7 U	0.16 J	0.83	0.13 J	0.29 J	0.19 J	0.59
Bis(2-ethylhexyl) phthalate	50.0*	0.43 U	0.34 U	1.7 UJ	7.4 D	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Butylbenzyl phthalate	50.0*	0.43 U	0.34 U	1.7 UJ	0.086 J	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Carbazole	NA	0.43 UJ	0.34 UJ	1.7 U	0.35 UJ	0.25 J	0.35 UJ	0.089 J	0.36 U	0.17 J
Chrysene	0.4	0.19 J	0.34 U	1.7 U	0.12 J	**0.78**	0.12 J	0.3 J	0.16 J	**0.48**
Dibenzo(a,h)anthracene	0.014 or MDL	0.43 U	0.34 U	1.7 U	0.35 U	**0.12 J**	0.35 U	0.39 U	0.36 U	**0.09 J**
Dibenzofuran	6.2	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Fluoranthene	50.0*	0.28 J	0.34 U	1.7 U	0.12 J	1.6	0.2 J	0.45	0.28 J	0.73
Fluorene	50.0*	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Indeno(1,2,3-cd)pyrene	3.2	0.087 J	0.34 U	1.7 U	0.07 J	0.42	0.35 U	0.18 J	0.086 J	0.31 J
Naphthalene	13.0	0.43 U	0.34 U	1.7 U	0.35 U	0.35 U	0.35 U	0.39 U	0.36 U	0.41 U
Pentachlorophenol	1.0 or MDL	1.1 U	0.86 U	4.4 U	0.87 U	0.89 U	0.87 U	1	0.9 U	1 U
Phenanthrene	50.0*	0.15 J	0.34 U	1.7 U	0.35 U	0.86	0.094 J	0.27 J	0.13 J	0.26 J
Pyrene	50.0*	0.32 J	0.34 U	1.7 U	0.15 J	1.3	0.18 J	0.48	0.26 J	0.67

Table 5

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Surface Soil Analytical Results for Detected TCL SVOCs (ppm)

Paramter	NYSDEC-Recommended Soil Cleanup Objective (ppm)	SS-171 (0 - 0.5') 02/22/05 (ppm)	SS-172 (0 - 0.5') 02/22/05 (ppm)	SS-173 (0 - 0.5') 02/22/05 (ppm)	SS-174 (0 - 0.5') 02/22/05 (ppm)	SS-175 (0 - 0.5') 02/22/05 (ppm)	DUP-SS-1 [SS-175] 02/22/05 (ppm)	SS-176 (0 - 0.5') 02/22/05 (ppm)	SS-177 (0 - 0.5') 02/23/05 (ppm)	SS-178 (0 - 0.5') 02/23/05 (ppm)
TCL SVOCs										
2,4-Dinitrophenol	0.2	0.89 UJ	R	0.94 UJ	0.88 UJ	0.92 UJ	0.92 UJ	1 UJ	4.4 UJ	0.89 UJ
2-Methylnaphthalene	36.4	0.35 U	0.34 U	0.38 U	0.35 U	0.37 U	0.37 U	0.4 U	1.7 U	0.17 J
Acenaphthene	50.0*	0.35 U	0.34 U	0.38 U	0.075 J	0.37 U	0.37 U	0.4 U	1.7 U	0.35 U
Acenaphthylene	41.0	0.35 U	0.34 U	0.38 U	0.35 U	0.081 J	0.11 J	0.4 U	1.7 U	0.35 U
Anthracene	50.0*	0.35 U	0.34 U	0.094 J	0.22 J	0.24 J	0.23 J	0.4 U	1.7 U	0.35 U
Atrazine	NA	0.092 J	0.34 U	0.38 U	0.35 U	0.37 U	0.37 U	0.4 U	1.7 U	0.35 U
Benzo(a)anthracene	0.224 or MDL	0.12 J	0.34 U	**0.31 J**	**0.6**	**0.32 J**	**0.38**	0.18 J	1.7 U	0.079 J
Benzo(a)pyrene	0.061 or MDL	**0.14 J**	0.34 U	**0.39**	**0.57**	**0.33 J**	**0.36 J**	**0.22 J**	1.7 U	**0.093 J**
Benzo(b)fluoranthene	1.1	0.21 J	0.34 U	0.33 J	0.51	0.3 J	0.32 J	0.27 J	1.7 U	0.093 J
Benzo(g,h,i)perylene	50.0*	0.093 J	0.34 U	0.14 J	0.22 J	0.12 J	0.19 J	0.092 J	1.7 U	0.35 U
Benzo(k)fluoranthene	1.1	0.22 J	0.34 U	0.38	0.58	0.32 J	0.35 J	0.25 J	0.35 J	0.096 J
Bis(2-ethylhexyl) phthalate	50.0*	0.35 U	0.34 U	0.38 U	0.35 U	0.37 U	0.37 U	0.4 U	1.7 UJ	0.35 U
Butylbenzyl phthalate	50.0*	0.35 U	0.34 U	0.38 U	0.35 U	0.37 U	0.37 U	0.4 U	1.7 UJ	0.35 U
Carbazole	NA	0.14 J	0.34 UJ	0.38 U	0.25 J	0.084 J	0.1 J	0.4 U	1.7 U	0.35 UJ
Chrysene	0.4	0.23 J	0.34 U	0.35 J	**0.66**	0.33 J	0.37	0.22 J	0.36 J	0.098 J
Dibenzo(a,h)anthracene	0.014 or MDL	0.35 U	0.34 U	0.38 U	0.35 U	0.37 U	0.37 U	0.4 U	1.7 U	0.35 U
Dibenzofuran	6.2	0.35 U	0.34 U	0.38 U	0.35 U	0.077 J	0.074 J	0.4 U	1.7 U	0.35 U
Fluoranthene	50.0*	0.55	0.34 U	0.51	1.3	0.68	0.8	0.31 J	0.41 J	0.17 J
Fluorene	50.0*	0.35 U	0.34 U	0.38 U	0.35 U	0.13 J	0.11 J	0.4 U	1.7 U	0.35 U
Indeno(1,2,3-cd)pyrene	3.2	0.11 J	0.34 U	0.16 J	0.24 J	0.12 J	0.18 J	0.1 J	1.7 U	0.35 U
Naphthalene	13.0	0.35 U	0.34 U	0.38 U	0.35 U	0.37 U	0.37 U	0.4 U	1.7 U	0.12 J
Pentachlorophenol	1.0 or MDL	0.89 U	0.85 U	0.94 U	0.88 U	0.92 U	0.92 U	1 U	4.4 U	0.89 U
Phenanthrene	50.0*	0.23 J	0.34 U	0.28 J	0.91	0.82	0.73	0.13 J	1.7 U	0.15 J
Pyrene	50.0*	0.43	0.34 U	0.73	1.2	0.71	0.7	0.3 J	0.56 J	0.17 J

Table 5

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Surface Soil Analytical Results for Detected TCL SVOCs (ppm)

Notes:

1. Surface soil samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February 2005.
2. Samples analyzed by CompuChem Laboratories, Inc. (Cary, North Carolina) for semi-volatile organic compounds (SVOCs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8270.
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. TCL - Target Compound List.
5. Sample designations indicate the following:
   SS - Surface soil; and
   DUP - Duplicate sample.
6. U - Compound was not detected at a concentration exceeding the laboratory detection limit. The listed value represents the laboratory detection limit.
7. J - Indicates an estimated value.
8. MDL - Method detection limit.
9. D - Detected concentration based on the analysis of a diluted sample.
10. NA - Not available.
11. R - Data was rejected.
12. Shaded value indicates that the compound was detected at a concentration exceeding the recommended soil cleanup objective as presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objectives and Cleanup Levels," HWR-94-4046 (TAGM 4046), dated January 24, 1994.
13. * - As per TAGM 4046, Total VOCs < 10 ppm, Total SVOCs < 500 ppm, and Individual SVOCs < 50 ppm.

Table 4

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Subsurface Soil Analytical Results for Total PCBs (ppm)

Sample Location	Sample ID	Sample Date	Total PCB Concentration (ppm)
SB-162	SB-162 (4-6')	2/23/2005	0.33 J
SB-163	SB-163 (4-6')	2/23/2005	0.079 UJ
SB-164	SB-164 (4-6')	2/23/2005	0.084 UJ
SB-165	SB-165 (4-6')	2/23/2005	0.076 UJ
SB-166	SB-166 (4-6')	2/22/2005	0.084 UJ
SB-167	SB-167 (4-6')	2/22/2005	0.084 UJ
SB-168	SB-168 (4-6')	2/22/2005	0.083 UJ
SB-169	SB-169 (4-6')	2/22/2005	0.064 J
SB-170	SB-170 (4-6')	2/22/2005	0.079 UJ
SB-171	SB-171 (4-6')	2/22/2005	0.083 UJ
SB-172	SB-172 (4-6')	2/22/2005	0.11 UJ
	DUP-1 [SB-172 (4 - 6')	2/22/2005	0.1 UJ
SB-173	SB-173 (5-6')	2/22/2005	0.085 UJ
SB-174	SB-174 (4-6')	2/22/2005	0.085 UJ
SB-175	SB-175 (7-8')	2/22/2005	0.076 UJ
SB-176	SB-176 (2-4')	2/22/2005	0.078 UJ
SB-177	SB-177 (4-6')	2/23/2005	0.079 UJ
SB-178	SB-178 (4-6')	2/23/2005	0.042 J

Notes:

1. Subsurface soil samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February 2005.
2. Samples analyzed by CompuChem Laboratories, Inc. (Cary, North Carolina) using USEPA SW-846 Method 8082.
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. Sample designations indicate the following:
   DUP - Duplicate sample; and
   SB - Soil boring.
5. U - Compound was not detected at a concentration exceeding the laboratory detection limit. The listed value represents the laboratory detection limit.
6. J - Indicates an estimated value.
7. Shaded values indicate that the total PCB concentration is equal to or greater than the recommended soil cleanup objective of 10 ppm as presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objectives and Cleanup Levels," HWR-94-4046 (TAGM 4046), dated January 24, 1994.

Table 6

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Subsurface Soil Analytical Results for Detected TCL VOCs and TCL SVOCs (ppm)

Paramter	NYSDEC-Recommended Soil Cleanup Objective (ppm)	SB-162 (4.0 - 6.0') 02/23/05 (ppm)	SB-163 (4.0 - 6.0') 02/23/05 (ppm)	SB-164 (4.0 - 6.0') 02/23/05 (ppm)	SB-165 (4.0 - 6.0') 02/23/05 (ppm)	SB-166 (4.0 - 6.0') 02/22/05 (ppm)	SB-167 (4.0 - 8.0') 02/22/05 (ppm)	SB-168 (4.0 - 6.0') 02/22/05 (ppm)	SB-169 (4.0 - 6.0') 02/22/05 (ppm)	SB-170 (4.0 - 6.0') 02/22/05 (ppm)
TCL VOCs										
1,2,4-Trichlorobenzene	3.4	0.011 U	0.012 UJ	0.013 U	0.011 U	0.013 U	0.013 U	0.012 U	0.013 U	0.012 U
2-Butanone	0.3	0.011 U	0.012 UJ	0.013 U	0.011 U	0.013 U	0.013 U	0.012 U	0.013 U	0.016
Acetone	0.2	0.009 J	0.02 J	0.013 U	0.052	0.047	0.017	0.016	0.006 J	0.058
Benzene	0.06	0.011 U	0.012 UJ	0.013 U	0.003 J	0.013 U	0.013 U	0.012 U	0.013 U	0.012 U
Dichlorodifluoromethane	NA	0.011 U	0.012 UJ	0.013 U	0.011 U	0.013 U	0.013 U	0.012 U	0.013 U	0.012 U
Methylcyclohexane	NA	0.011 U	0.032 J	0.013 U	0.011 U	0.013 U	0.013 U	0.003 J	0.013 U	0.012 U
Methylene Chloride	0.1	0.011 U	0.012 UJ	0.013 U	0.011 U	0.013 U	0.013 U	0.012 U	0.003 J	0.012 U
Toluene	1.5	0.011 U	0.012 UJ	0.013 U	0.002 J	0.013 U	0.013 U	0.004 J	0.013 U	0.012 U
TCL SVOCs										
1,1'-Biphenyl	NA	1.8 U	0.39 U	0.41 U	0.62 J	0.41 U	0.41 U	0.41 J	0.41 U	0.39 U
2-Methylnaphthalene	36.4	1.8 U	0.39 U	0.41 U	2.3	0.41 U	0.12 J	1.5	0.41 U	0.39 U
4-Methylphenol	0.9	1.8 U	0.39 U	0.41 U	0.2 J	0.41 U	0.41 U	0.29 J	0.41 U	0.39 U
Acenaphthene	50.0*	1.8 U	0.39 U	0.41 U	4.3	0.41 U	0.4 J	3.9	0.41 U	0.39 U
Acenaphthylene	41.0	1.8 U	0.39 U	0.41 U	1.5	0.41 U	0.41 U	1.2 J	0.41 U	0.39 U
Acetophenone	NA	1.8 U	0.39 U	0.41 U	0.17 J	0.41 U	0.41 U	1.2 U	0.41 U	0.39 U
Anthracene	50.0*	1.8 U	0.39 U	0.41 U	11	0.41 U	0.72	10	0.41 U	0.39 U
Benzaldehyde	NA	1.8 U	0.39 U	0.41 U	0.75 U	0.41 U	0.41 U	1.2 U	0.41 U	0.39 U
Benzo(a)anthracene	0.224 or MDL	**0.9 J**	0.39 U	0.41 U	**15 D**	0.41 U	**0.79**	**14**	0.14 J	0.39 U
Benzo(a)pyrene	0.061 or MDL	**1.2 J**	0.39 U	**0.12 J**	**13 D**	0.41 U	**0.82**	**13**	**0.23 J**	0.39 U
Benzo(b)fluoranthene	1.1	**1.3 J**	0.39 U	0.1 J	**11 D**	0.41 U	0.64	**12**	0.23 J	0.39 U
Benzo(g,h,i)perylene	50.0*	0.67 J	0.39 U	0.087 J	4.1	0.41 U	0.52	6.1	0.28 J	0.39 U
Benzo(k)fluoranthene	1.1	**1.2 J**	0.39 U	0.1 J	**8.8**	0.41 U	0.7	**10**	0.22 J	0.39 U
Bis(2-ethylhexyl) phthalate	50.0*	1.8 U	0.39 U	0.41 U	0.75 U	0.41 U	0.41 U	1.2 U	0.41 U	0.39 U
Carbazole	NA	1.8 UJ	0.39 UJ	0.41 UJ	7.5 J	0.41 U	0.74 J	8.3 J	0.41 U	0.39 U
Chrysene	0.4	**1 J**	0.39 U	0.41 U	**15 D**	0.41 U	**0.85**	**14**	0.19 J	0.39 U
Dibenzo(a,h)anthracene	0.014 or MDL	1.8 U	0.39 U	0.41 U	**1.9**	0.41 U	**0.13 J**	**2**	0.41 U	0.39 U
Dibenzofuran	6.2	1.8 U	0.39 U	0.41 U	4	0.41 U	0.25 J	3.2	0.41 U	0.39 U
Fluoranthene	50.0*	1.3 J	0.39 U	0.11 J	34 D	0.41 U	2.3	30 D	0.36 J	0.39 U
Fluorene	50.0*	1.8 U	0.39 U	0.41 U	5.2	0.41 U	0.37 J	4.3	0.41 U	0.39 U
Indeno(1,2,3-cd)pyrene	3.2	0.8 J	0.39 U	0.089 J	**5.3**	0.41 U	0.59	**7.6**	0.22 J	0.39 U
Naphthalene	13.0	1.8 U	0.39 U	0.41 U	3.8	0.41 U	0.27 J	3.1	0.41 U	0.39 U
Phenanthrene	50.0*	0.65 J	0.12 J	0.41 U	42 D	0.41 U	3	32 D	0.33 J	0.39 U
Pyrene	50.0*	1.4 J	0.39 U	0.1 J	31 D	0.41 U	1.8	25 D	0.48	0.39 U

Table 6

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Subsurface Soil Analytical Results for Detected TCL VOCs and TCL SVOCs (ppm)

Paramter	NYSDEC-Recommended Soil Cleanup Objective (ppm)	SB-171 (4.0 - 6.0') 02/22/05 (ppm)	SB-172 (4.0 - 6.0') 02/22/05 (ppm)	DUP-1 [SB-172 (4 - 6')] 02/22/05 (ppm)	SB-173 (5.0 - 6.0') 02/22/05 (ppm)	SB-174 (4.0 - 6.0') 02/22/05 (ppm)	SB-175 (7.0 - 8.0') 02/22/05 (ppm)	SB-176 (2.0 - 4.0') 02/22/05 (ppm)	SB-177 (4.0 - 6.0') 02/23/05 (ppm)	SB-178 (4.0 - 6.0') 02/23/05 (ppm)
TCL VOCs										
1,2,4-Trichlorobenzene	3.4	0.012 U	0.017 U	0.015 U	0.013 U	0.013 U	0.011 U	0.002 J	0.012 U	0.011 U
2-Butanone	0.3	0.012 U	0.026	0.015 J	0.013 U	0.013 U	0.012	0.012 U	0.012 U	0.011 U
Acetone	0.2	0.008 J	0.079	0.062	0.013 U	0.029	0.028	0.012 U	0.012 U	0.011 U
Benzene	0.06	0.012 U	0.017 U	0.015 U	0.013 U	0.013 U	0.011 U	0.012 U	0.012 U	0.011 U
Dichlorodifluoromethane	NA	0.012 U	0.017 U	0.015 U	0.013 U	0.013 U	0.011 U	0.012 U	0.012 U	0.002 J
Methylcyclohexane	NA	0.012 U	0.017 U	0.015 U	0.013 U	0.013 U	0.011 U	0.012 U	0.012 U	0.011 U
Methylene Chloride	0.1	0.012 U	0.017 U	0.015 U	0.013 U	0.013 U	0.011 U	0.003 J	0.012 U	0.011 U
Toluene	1.5	0.003 J	0.006 J	0.015 U	0.013 U	0.013 U	0.003 J	0.009 J	0.012 U	0.011 U
TCL SVOCs										
1,1'-Biphenyl	NA	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
2-Methylnaphthalene	36.4	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.081 J	0.38 U
4-Methylphenol	0.9	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
Acenaphthene	50.0*	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
Acenaphthylene	41.0	0.41 U	1.7 U	0.51 U	0.42 U	0.12 J	0.38 U	0.38 U	0.4	0.086 J
Acetophenone	NA	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
Anthracene	50.0*	0.13 J	0.75 J	0.15 J	0.42 U	0.14 J	0.38 U	0.13 J	0.81	0.077 J
Benzaldehyde	NA	0.41 U	1.7 U	0.39 J	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
Benzo(a)anthracene	0.244 or MDL	**0.27 J**	**7.2 J**	**0.89 J**	0.098 J	**0.66**	0.38 U	**0.46**	**3.3**	**0.33 J**
Benzo(a)pyrene	0.061 or MDL	**0.29 J**	**7 J**	**0.75 J**	**0.11 J**	**0.69**	0.38 U	**0.56**	**4**	**0.49**
Benzo(b)fluoranthene	1.1	0.25 J	**5.8 J**	**0.61 J**	0.099 J	0.58	0.38 U	0.5	**4.7**	0.63
Benzo(g,h,i)perylene	50.0*	0.2 J	3.5 J	0.38 J	0.089 J	0.43	0.38 U	0.46	2.5	0.17 J
Benzo(k)fluoranthene	1.1	0.27 J	**6.3 J**	**0.76 J**	0.11 J	0.67	0.38 U	0.53	**3.1**	0.58
Bis(2-ethylhexyl) phthalate	50.0*	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.1 J
Carbazole	NA	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.082 J	0.24 J	0.38 UJ
Chrysene	0.4	0.29 J	**7.3 J**	**0.97 J**	0.11 J	**0.68**	0.38 U	**0.59**	**3.4**	**0.49**
Dibenzo(a,h)anthracene	0.014 or MDL	0.41 U	**1.2 J**	**0.14 J**	0.42 U	**0.15 J**	0.38 U	**0.11 J**	**0.72**	0.38 UJ
Dibenzofuran	6.2	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
Fluoranthene	50.0*	0.54	11 J	2.1 J	0.17 J	1.3	0.38 U	1	5.9	0.63
Fluorene	50.0*	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.39 U	0.38 U
Indeno(1,2,3-cd)pyrene	3.2	0.22 J	**4.6 J**	0.44 J	0.086 J	0.53	0.38 U	0.48	2.9	0.2 J
Naphthalene	13.0	0.41 U	1.7 U	0.51 U	0.42 U	0.42 U	0.38 U	0.38 U	0.1 J	0.38 U
Phenanthrene	50.0*	0.47	1 J	0.3 J	0.093 J	0.29 J	0.38 U	0.7	1.1	0.31 J
Pyrene	50.0*	0.49	12 J	1.9 J	0.16 J	1.2	0.38 U	1	6.3	0.97

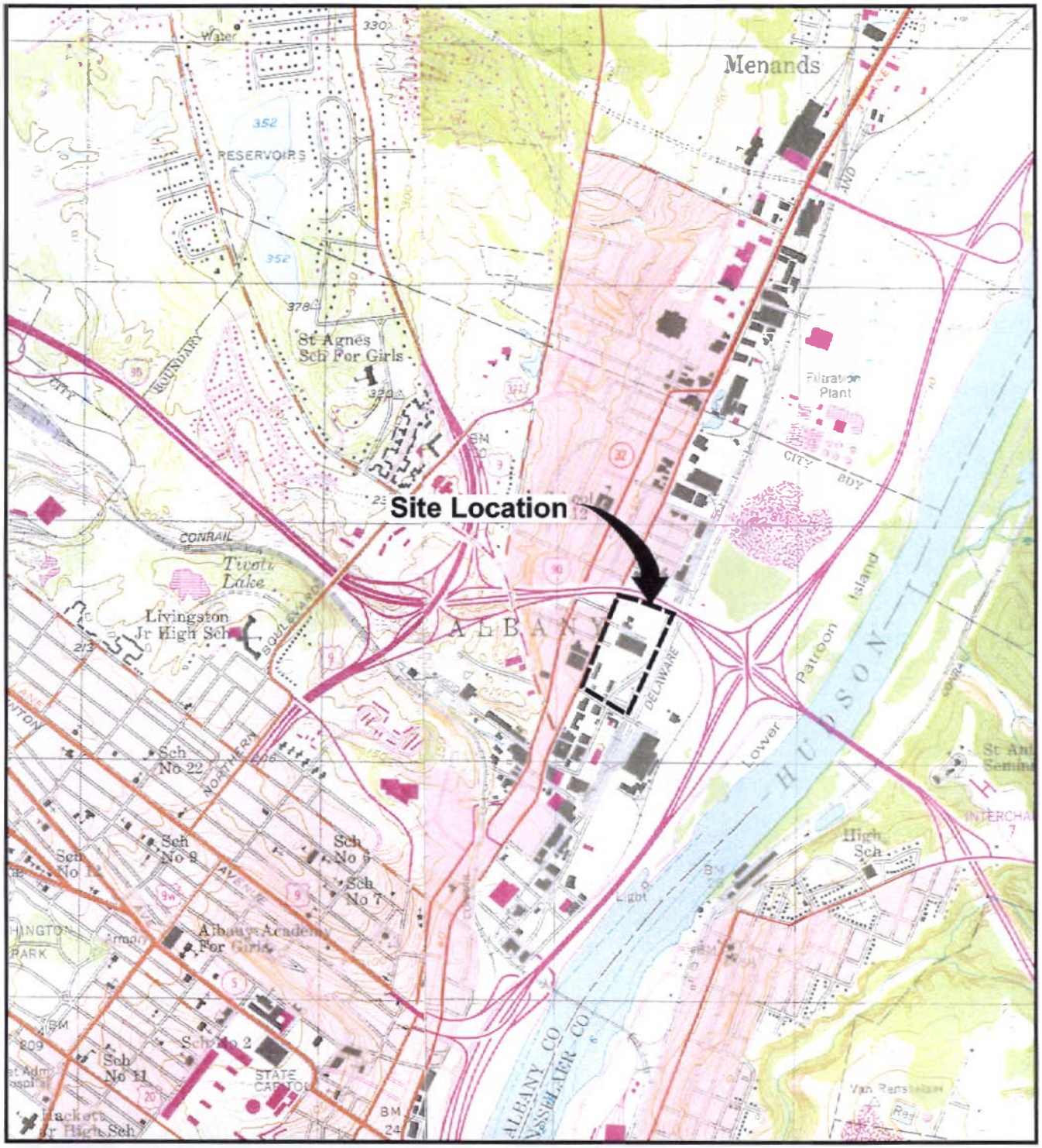
Table 6

Niagara Mohawk, a National Grid Company
North Albany Service Center
Albany, New York

Supplemental Soil Sampling - Yard Storage Area
Subsurface Soil Analytical Results for Detected TCL VOCs and TCL SVOCs (ppm)

Notes:

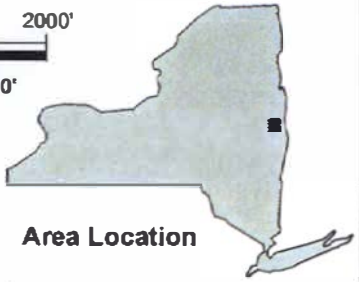
1. Subsurface soil samples collected by Blasland, Bouck & Lee, Inc. (BBL) during February 2005.
2. Samples analyzed by CompuChem Laboratories, Inc. (Cary, North Carolina) for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) using United States Environmental Protection Agency (USEPA) SW-846 Method 8260 and 8270, respectively.
3. Concentrations reported in parts per million (ppm) or milligrams per kilogram (mg/kg).
4. TCL - Target Compound List.
5. Sample designations indicate the following:
   SB - Soil boring; and
   DUP - Duplicate sample.
6. U - Compound was not detected at a concentration exceeding the laboratory detection limit. The listed value represents the laboratory detection limit.
7. J - Indicates an estimated value.
8. MDL - Method detection limit.
9. D - Detected concentration based on the analysis of a diluted sample.
10. NA - Not available.
11. Shaded value indicates that the compound was detected at a concentration exceeding the recommended soil cleanup objective as presented in the NYSDEC document entitled, "Technical and Administrative Guidance Memorandum (TAGM): Determination of Soil Cleanup Objectives and Cleanup Levels," HWR-94-4046 (TAGM 4046), dated January 24, 1994.
12. * - As per TAGM 4046, Total VOCs < 10 ppm, Total SVOCs < 500 ppm, and Individual SVOCs < 50 ppm.



REFERENCE: Base Map USGS Quads., Albany, New York, 1980 And Troy South, New York, 1980

2000' 0 2000'

Approximate Scale: 1" = 2000'



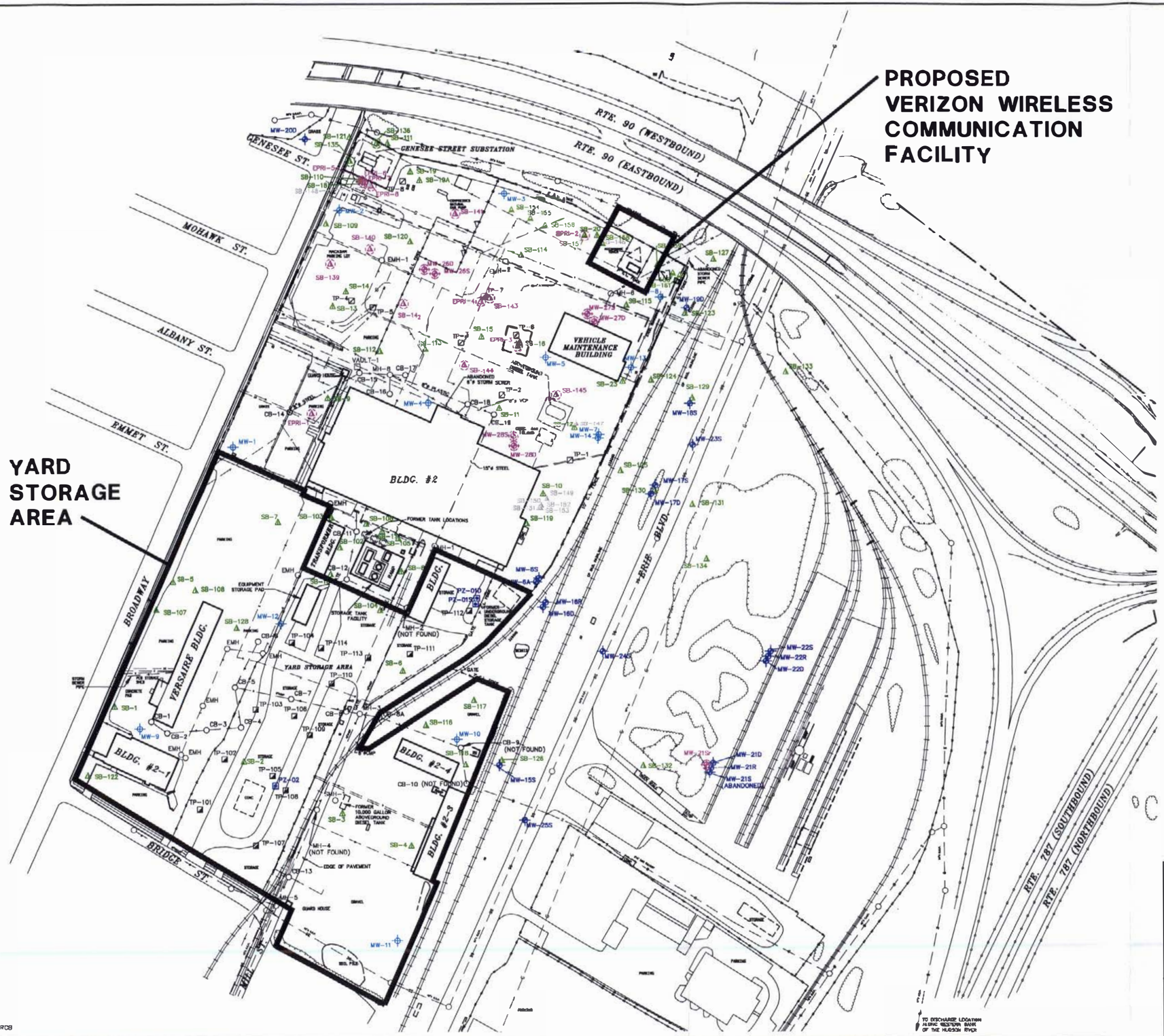
NIAGARA MOHAWK, A NATIONAL GRID COMPANY
NORTH ALBANY SERVICE CENTER
ALBANY, NEW YORK

SITE LOCATION MAP

BBL
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

FIGURE
1

07/18/05 SYR-OBS-OJM-KLS
36648012/36648n01.cdr



LEGEND:

- FENCE
- EXISTING RAILROAD
- APPROXIMATE PROPERTY LINE
- SB-147 TREATABILITY STUDY SOIL BORING LOCATION
- SB-141 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
- MW-28S ADDITIONAL GROUNDWATER INVESTIGATION GROUNDWATER MONITORING WELL LOCATION
- MW-18S MGP/RCRA GROUNDWATER MONITORING WELL LOCATION
- PZ-01S MGP/RCRA PIEZOMETER
- SB-126 MGP/RCRA SOIL BORING LOCATION
- TP-10S MGP/RCRA TEST PIT LOCATION
- MW-11 PSA/IRM GROUNDWATER MONITORING WELL LOCATION
- SB-4 PSA/IRM SOIL BORING LOCATION
- TP-3 PSA/IRM TEST PIT LOCATION
- SB-156 HTS PROJECT SOIL BORING LOCATION
- CB-2 EXISTING CATCH BASIN
- MH-1 EXISTING STORM SEWER MANHOLE
- EMH-1 EXISTING ELECTRICAL MANHOLE
- TMH-1 EXISTING TELEPHONE MANHOLE
- GMH-1 EXISTING UTILITY MANHOLE
- STORM SEWER
- SANITARY SEWER
- TELEPHONE LINE
- ELECTRICAL LINE
- GAS LINE
- WATER LINE
- CABLE LINE
- GUARD RAIL

NOTES:

1. BASE MAP (INCLUDING BUILDING LOCATIONS AND PSA/IRM SAMPLING LOCATIONS) DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-G, DATED JULY 1984, ENTITLED NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP – INDEX SHEET.
2. LOCATIONS OF UNDERGROUND UTILITIES (INCLUDING ON-SITE STORM SEWERS, SANITARY SEWERS, TELEPHONE LINES, ELECTRICAL LINES, GAS LINES, WATER LINES, AND CABLE) WERE DIGITIZED FROM NMPC DRAWING NO. C-29734-E, FILE INDEX NO. 20.3-A1.1-02, DATED JUNE 27, 1984, ENTITLED NORTH ALBANY SERVICE CENTER SITE PLAN – PAVING (OUTSIDE FENCE). LOCATIONS OF NATURAL GAS MAINS ARE APPROXIMATED BASED ON FIELD OBSERVATIONS DURING UTILITY LOCATING ACTIVITIES. ACTUAL LOCATIONS OF UNDERGROUND GAS UTILITIES MUST BE DETERMINED PRIOR TO IMPLEMENTING SUBSURFACE WORK ACTIVITIES.
3. LOCATIONS OF MANHOLES AND CATCH BASINS WERE OBTAINED FROM A SURVEY CONDUCTED BY NMPC DURING JULY/AUGUST 1997.
4. LOCATIONS OF OFF-SITE STORM AND SANITARY SEWERS WERE DIGITIZED FROM CITY OF ALBANY DRAWINGS AND ARE APPROXIMATE.

0 100' 200'
GRAPHIC SCALE

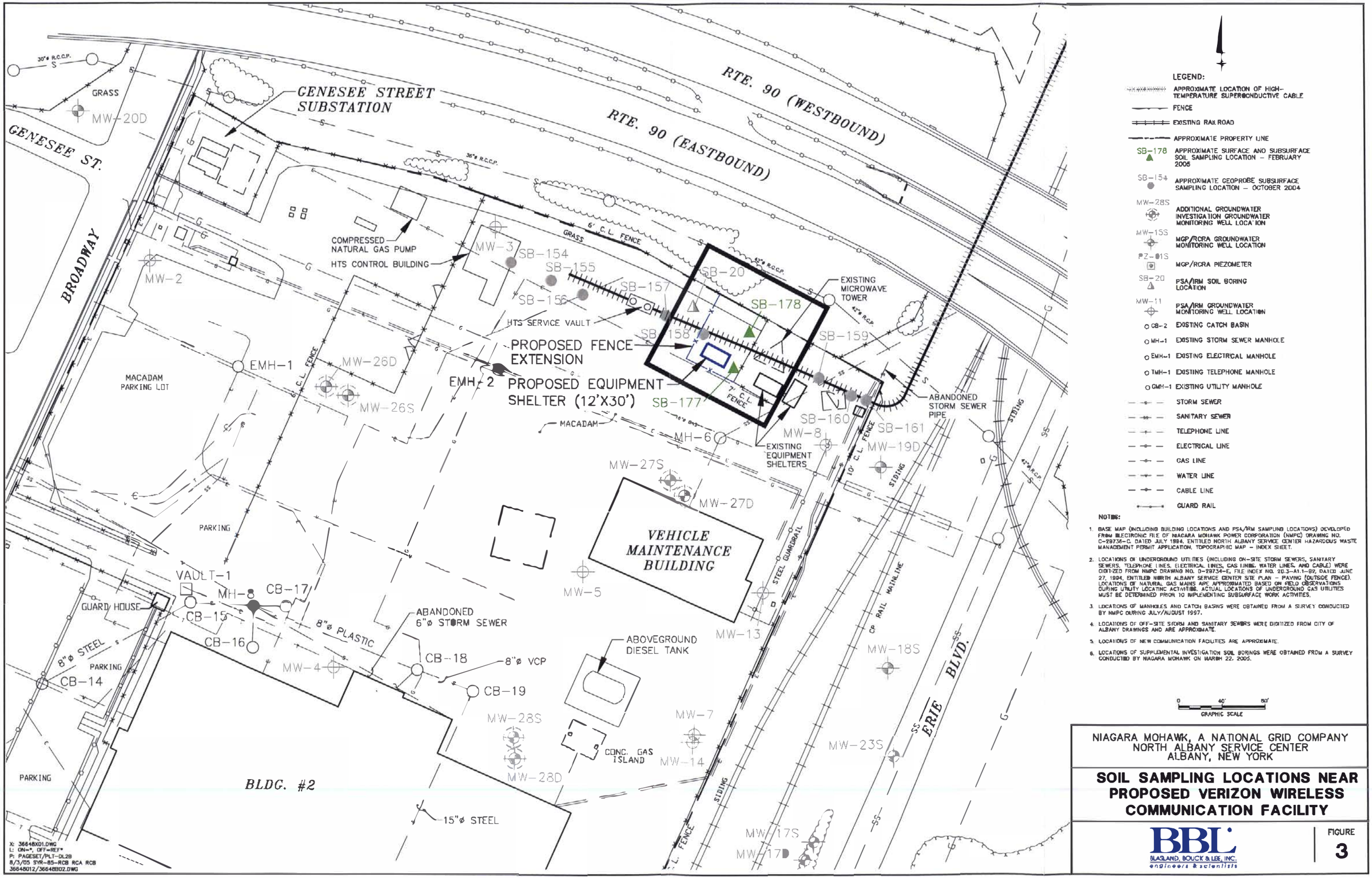
NIAGARA MOHAWK, A NATIONAL GRID COMPANY
NORTH ALBANY SERVICE CENTER
ALBANY, NEW YORK

SITE PLAN

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 2

X: 36848X01.DWG
L: ON=*, OFF=REF*
M: PAGESET/PL1-04.2B
8/3/05 SYR-S4-RMS RCA RCB
36848012/36848B01.DWG



LEGEND:

- APPROXIMATE LOCATION OF HIGH-TEMPERATURE SUPERCONDUCTIVE CABLE
- FENCE
- EXISTING RAILROAD
- APPROXIMATE PROPERTY LINE
- SB-178 — APPROXIMATE SURFACE AND SUBSURFACE SOIL SAMPLING LOCATION – FEBRUARY 2005
- SB-154 — APPROXIMATE GEOPROBE SUBSURFACE SAMPLING LOCATION – OCTOBER 2004
- MW-28S — ADDITIONAL GROUNDWATER INVESTIGATION GROUNDWATER MONITORING WELL LOCATION
- MW-15S — MGP/RCRA GROUNDWATER MONITORING WELL LOCATION
- PZ-01S — MGP/RCRA PIEZOMETER
- SB-20 — PSA/IRM SOIL BORING LOCATION
- MW-11 — PSA/IRM GROUNDWATER MONITORING WELL LOCATION
- CB-2 — EXISTING CATCH BASIN
- MH-1 — EXISTING STORM SEWER MANHOLE
- EMH-1 — EXISTING ELECTRICAL MANHOLE
- TMH-1 — EXISTING TELEPHONE MANHOLE
- GMH-1 — EXISTING UTILITY MANHOLE
- STORM SEWER
- SANITARY SEWER
- TELEPHONE LINE
- ELECTRICAL LINE
- GAS LINE
- WATER LINE
- CABLE LINE
- GUARD RAIL

NOTES:

1. BASE MAP (INCLUDING BUILDING LOCATIONS AND PSA/IRM SAMPLING LOCATIONS) DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP – INDEX SHEET.
2. LOCATIONS OF UNDERGROUND UTILITIES (INCLUDING ON-SITE STORM SEWERS, SANITARY SEWERS, TELEPHONE LINES, ELECTRICAL LINES, GAS LINES, WATER LINES, AND CABLE) WERE DIGITIZED FROM NMPC DRAWING NO. D-29734-E, FILE INDEX NO. 20.3-A1.1-92, DATED JUNE 27, 1994, ENTITLED NORTH ALBANY SERVICE CENTER SITE PLAN – PAVING (OUTSIDE FENCE). LOCATIONS OF NATURAL GAS MAINS ARE APPROXIMATED BASED ON FIELD OBSERVATIONS DURING UTILITY LOCATING ACTIVITIES. ACTUAL LOCATIONS OF UNDERGROUND GAS UTILITIES MUST BE DETERMINED PRIOR TO IMPLEMENTING SUBSURFACE WORK ACTIVITIES.
3. LOCATIONS OF MANHOLES AND CATCH BASINS WERE OBTAINED FROM A SURVEY CONDUCTED BY NMPC DURING JULY/AUGUST 1997.
4. LOCATIONS OF OFF-SITE STORM AND SANITARY SEWERS WERE DIGITIZED FROM CITY OF ALBANY DRAWINGS AND ARE APPROXIMATE.
5. LOCATIONS OF NEW COMMUNICATION FACILITIES ARE APPROXIMATE.
6. LOCATIONS OF SUPPLEMENTAL INVESTIGATION SOIL BORINGS WERE OBTAINED FROM A SURVEY CONDUCTED BY NIAGARA MOHAWK ON MARCH 22, 2005.

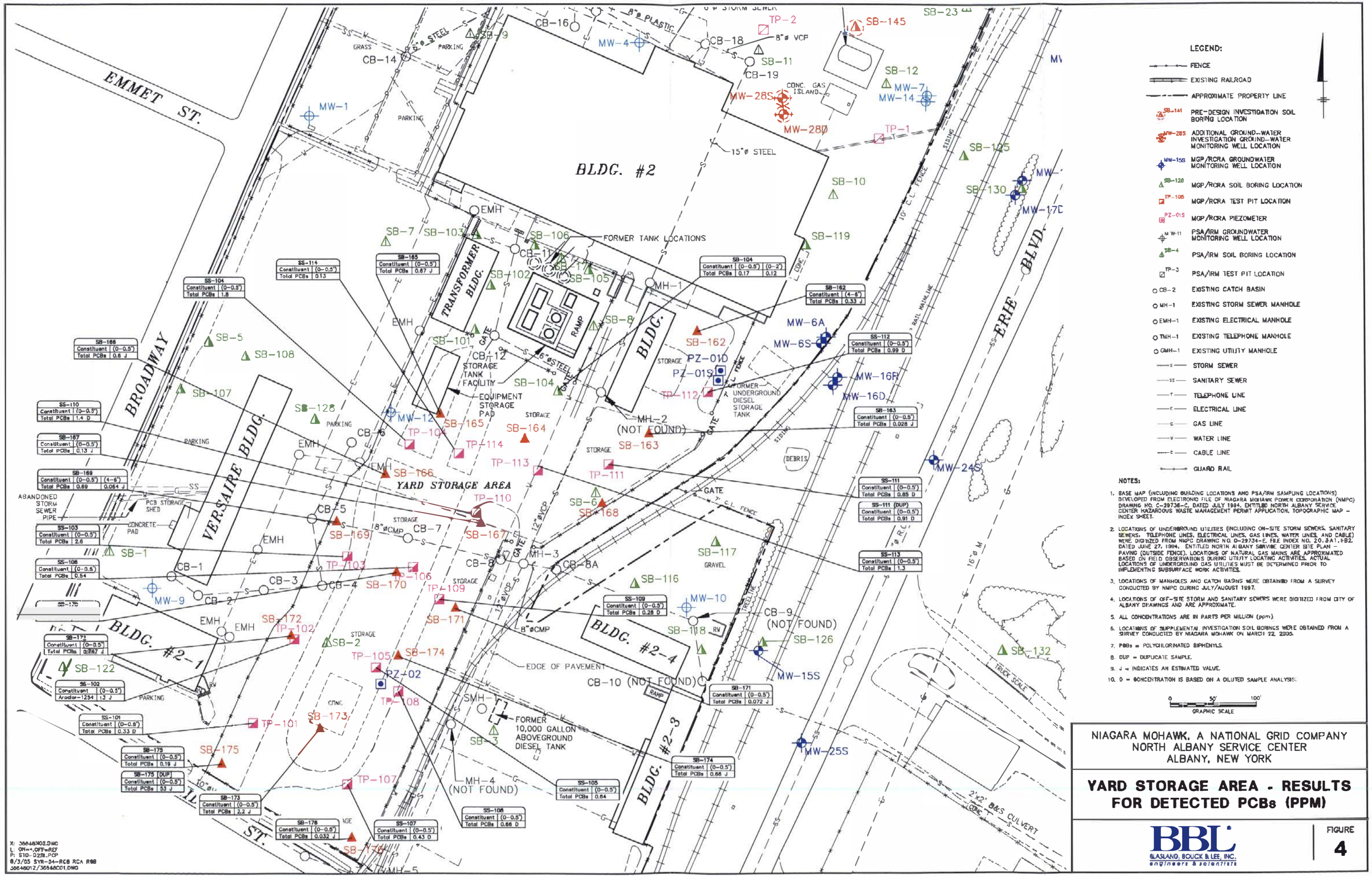
0 40' 80'
GRAPHIC SCALE

NIAGARA MOHAWK, A NATIONAL GRID COMPANY
NORTH ALBANY SERVICE CENTER
ALBANY, NEW YORK

SOIL SAMPLING LOCATIONS NEAR PROPOSED VERIZON WIRELESS COMMUNICATION FACILITY

BBL BLASLAND, BOUCK & LEE, INC. engineers & scientists

FIGURE 3

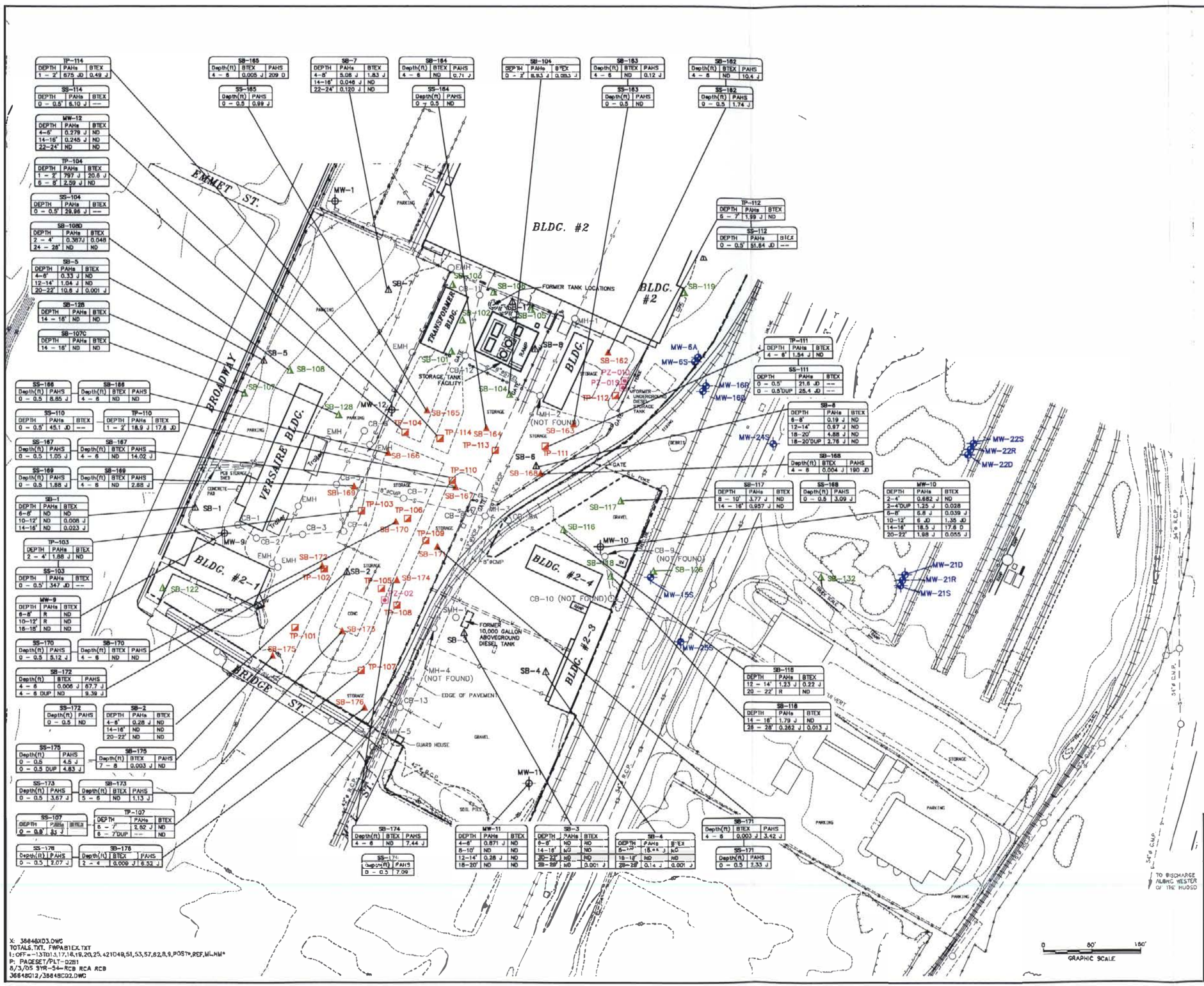


NIAGARA MOHAWK, A NATIONAL GRID COMPANY
NORTH ALBANY SERVICE CENTER
ALBANY, NEW YORK

YARD STORAGE AREA - RESULTS FOR DETECTED PCBs (PPM)

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

FIGURE
4



TP-114		
DEPTH	PAHs	BTEX
1 – 2'	675 JD	0.49 J

SB-165		
Depth(ft)	BTEX	PAHS
4 – 6	0.005 J	209 D

SB-7		
DEPTH	PAHs	BTEX
4–6'	5.08 J	1.83 J
14–16'	0.046 J	ND
22–24'	0.120 J	ND

SB-164		
Depth(ft)	BTEX	PAHS
4 – 6	ND	0.71 J

SB-104		
DEPTH	PAHs	BTEX
0 – 2'	8.83 J	0.083 J

SB-163		
Depth(ft)	BTEX	PAHS
4 – 6	ND	0.12 J

SB-162		
Depth(ft)	BTEX	PAHS
4 – 6	ND	10.4 J

SS-114		
DEPTH	PAHs	BTEX
0 – 0.5'	5.10 J	---

SS-165		
Depth(ft)	PAHS	
0 – 0.5	0.99 J	

SS-164		
Depth(ft)	PAHS	
0 – 0.5	ND	

SS-163		
Depth(ft)	PAHS	
0 – 0.5	ND	

SS-162		
Depth(ft)	PAHS	
0 – 0.5	1.74 J	

MW-12		
DEPTH	PAHs	BTEX
4–6'	0.279 J	ND
14–16'	0.245 J	ND
22–24'	ND	ND

TP-104		
DEPTH	PAHs	BTEX
1 – 2'	7.97 J	20.6 J
6 – 8'	2.59 J	ND

SS-104		
DEPTH	PAHs	BTEX
0 – 0.5'	29.96 J	---

SB-108D		
DEPTH	PAHs	BTEX
2 – 4'	0.387J	0.048
24 – 26'	ND	ND

SB-5		
DEPTH	PAHs	BTEX
4–6'	0.33 J	ND
12–14'	1.04 J	ND
20–22'	10.8 J	0.001 J

SB-128		
DEPTH	PAHs	BTEX
14 – 16'	ND	ND

SB-107C		
DEPTH	PAHs	BTEX
14 – 16'	ND	ND

TP-112		
DEPTH	PAHs	BTEX
6 – 7'	1.99 J	ND

SS-112		
DEPTH	PAHs	BTEX
0 – 0.5'	51.64 JD	---

TP-111		
DEPTH	PAHs	BTEX
4 – 6'	1.54 J	ND

SS-111		
DEPTH	PAHs	BTEX
0 – 0.5'	21.6 JD	---
0 – 0.5'DUP	25.4 JD	---

SB-8		
DEPTH	PAHs	BTEX
6–8'	0.19 J	ND
12–14'	0.87 J	ND
18–20'	4.88 J	ND
18–20'DUP	2.76 J	ND

SB-168		
Depth(ft)	BTEX	PAHS
4 – 6	0.004 J	190 JD

SS-168		
Depth(ft)	PAHS	
0 – 0.5	3.09 J	

SB-117		
DEPTH	PAHs	BTEX
8 – 10'	3.77 J	ND
14 – 16'	0.957 J	ND

MW-10		
DEPTH	PAHs	BTEX
2–4'	0.682 J	ND
2–4'DUP	1.25 J	0.028
6–8'	6.8 J	0.039 J
10–12'	6 JD	1.35 JD
14–16'	16.5 J	17.6 D
20–22'	1.98 J	0.055 J

SB-116		
DEPTH	PAHs	BTEX
12 – 14'	1.23 J	0.22 J
20 – 22'	R	ND

SB-118		
DEPTH	PAHs	BTEX
14 – 16'	1.79 J	ND
26 – 28'	0.262 J	0.013 J

SB-171		
Depth(ft)	BTEX	PAHS
4 – 6	0.003 J	3.42 J

SS-171		
Depth(ft)	PAHS	
0 – 0.5	7.33 J	

SS-166		
Depth(ft)	PAHS	
0 – 0.5	8.85 J	

SB-166		
Depth(ft)	BTEX	PAHS
4 – 6	ND	ND

SS-110		
DEPTH	PAHs	BTEX
0 – 0.5'	45.1 JD	---

TP-110		
DEPTH	PAHs	BTEX
1 – 2'	18.9 J	17.6 JD

SS-167		
Depth(ft)	BTEX	PAHS
0 – 0.5	1.05 J	

SB-167		
Depth(ft)	BTEX	PAHS
4 – 6	ND	14.02 J

SS-169		
Depth(ft)	PAHS	
0 – 0.5	1.88 J	

SB-169		
Depth(ft)	BTEX	PAHS
4 – 6	ND	2.88 J

SB-1		
DEPTH	PAHs	BTEX
6–8'	ND	ND
10–12'	ND	0.008 J
14–16'	ND	0.023 J

TP-103		
DEPTH	PAHs	BTEX
2 – 4'	1.88 J	ND

SS-103		
DEPTH	PAHs	BTEX
0 – 0.5'	347 JD	---

MW-9		
DEPTH	PAHs	BTEX
6–8'	R	ND
10–12'	R	ND
16–18'	ND	ND

SS-170		
Depth(ft)	PAHS	
0 – 0.5	5.12 J	

SB-170		
Depth(ft)	BTEX	PAHS
4 – 6	ND	ND

SB-172		
Depth(ft)	BTEX	PAHS
4 – 6	0.006 J	67.7 J
4 – 6 DUP	ND	9.39 J

SS-172	
Depth(ft)	PAHS
0 – 0.5	ND

SB-2		
DEPTH	PAHs	BTEX
4–6'	0.28 J	ND
14–16'	ND	ND
20–22'	ND	ND

SS-175		
Depth(ft)	PAHS	
0 – 0.5	4.5 J	
0 – 0.5 DUP	4.83 J	

SB-175		
Depth(ft)	BTEX	PAHS
7 – 8	0.003 J	ND

SS-173		
Depth(ft)	PAHS	
0 – 0.5	3.67 J	

SB-173		
Depth(ft)	BTEX	PAHS
5 – 6	ND	1.13 J

SS-107		
DEPTH	PAHs	BTEX
0 – 0.5'	83 J	

TP-107		
DEPTH	PAHs	BTEX
6 – 7'	2.82 J	ND
6 – 7'DUP	---	ND

SS-176		
Depth(ft)	PAHS	
0 – 0.5	2.07 J	

SB-176		
Depth(ft)	BTEX	PAHS
2 – 4	0.009 J	6.52 J

SB-174		
Depth(ft)	BTEX	PAHS
4 – 6	ND	7.44 J

SS-174	
Depth(ft)	PAHS
0 – 0.5	7.09

MW-11		
DEPTH	PAHs	BTEX
4–6'	0.871 J	ND
8–10'	ND	ND
12–14'	0.28 J	ND
18–20'	ND	ND

SB-3		
DEPTH	PAHs	BTEX
6–8'	ND	ND
14–16'	ND	ND
20–22'	ND	ND
28–29'	ND	0.001 J

SB-4		
DEPTH	PAHs	BTEX
6–10'	15.4 J	ND
18–18'	ND	ND
28–29'	0.14 J	0.001 J

LEGEND

- FENCE
- EXISTING RAILROAD
- APPROXIMATE PROPERTY LINE
- SB-144 PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
- MW-27S ADDITIONAL GROUNDWATER INVESTIGATION GROUNDWATER MONITORING WELL LOCATION
- MW-15S MGP/RCRA GROUNDWATER MONITORING WELL LOCATION
- SB-126 MGP/RCRA SOIL BORING LOCATION
- TP-105 MGP/RCRA TEST PIT LOCATION
- PZ-01S MGP/RCRA PIEZOMETER
- MW-11 PSA/IRM GROUNDWATER MONITORING WELL LOCATION
- SB-4 PSA/IRM SOIL BORING LOCATION
- TP-3 PSA/IRM TEST PIT LOCATION
- SB-162 SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION
- CB-2 EXISTING CATCH BASIN
- MH-1 EXISTING STORM SEWER MANHOLE
- EMH-1 EXISTING ELECTRICAL MANHOLE
- TMH-1 EXISTING TELEPHONE MANHOLE
- GMH-1 EXISTING UTILITY MANHOLE
- STORM SEWER
- SANITARY SEWER
- TELEPHONE LINE
- ELECTRICAL LINE
- GAS LINE
- WATER LINE
- CABLE LINE
- GUARD RAIL

NOTES:

1. BASE MAP (INCLUDING BUILDING LOCATIONS AND PSA/IRM SAMPLING LOCATIONS) DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP – INDEX SHEET.
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3. MGP/RCRA INVESTIGATION SAMPLING LOCATIONS AND LOCATIONS OF MANHOLES AND CATCH BASINS WERE OBTAINED FROM A SURVEY CONDUCTED BY NMPC DURING JULY/AUGUST 1997 WITH THE FOLLOWING EXCEPTIONS: SB-116 AND SB-117, WHICH ARE APPROXIMATE LOCATIONS.
4. LOCATIONS OF OFF-SITE STORM AND SANITARY SEWERS WERE DIGITIZED FROM CITY OF ALBANY DRAWINGS AND ARE APPROXIMATE.
5. LOCATIONS OF PRE-DESIGN INVESTIGATION SOIL BORINGS AND ADDITIONAL GROUNDWATER INVESTIGATION MONITORING WELLS WERE OBTAINED FROM A SURVEY CONDUCTED BY NMPC DURING NOVEMBER 2000.
6. LOCATIONS OF SUPPLEMENTAL INVESTIGATION SOIL BORINGS WERE OBTAINED FROM A SURVEY CONDUCTED BY NIAGARA MOHAWK ON MARCH 22, 2005.
7. BTEX AND PAH CONCENTRATIONS REPORTED IN PARTS PER MILLION (ppm).
8. BTEX = BENZENE, TOLUENE, ETHYLBENZENE, AND STYLENES (TOTAL).
9. PAHs = POLYNUCLEAR AROMATIC HYDROCARBONS.
10. DUP = DUPLICATE SAMPLE.
11. B = ANALYTE IDENTIFIED IN SAMPLE AS WELL AS IN ASSOCIATED BLANK.
12. D = CONCENTRATION IS BASED ON A DILUTED SAMPLE ANALYSIS.
13. J = INDICATES AN ESTIMATED VALUE.
14. ND = NOT DETECTED AT CONCENTRATION EXCEEDING LABORATORY DETECTION LIMITS.
16. R = ANALYTICAL RESULT REJECTED DURING DATA VALIDATION.

NIAGARA MOHAWK, A NATIONAL GRID COMPANY
NORTH ALBANY SERVICE CENTER
ALBANY, NEW YORK

YARD STORAGE AREA - TOTAL BTEX/PAH CONCENTRATIONS IN SOIL (ppm)

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

FIGURE 5

X: 38648X03.DWG
TOTALS.TXT, FWPABTEX.TXT
I: OFF=-13:D1,3,17,18,19,20,25,421:D48,51,53,57,82,8,9,POST*,REF,ML-NM*
P: PAGESET/PLT-D2B1
8/3/05 SYR-S4-RCB RCA RCB
38648D12/38648C02.DWG

LEGEND

- FENCE
- EXISTING RAILROAD
- APPROXIMATE PROPERTY LINE
- PRE-DESIGN INVESTIGATION SOIL BORING LOCATION
- ADDITIONAL GROUNDWATER INVESTIGATION GROUNDWATER MONITORING WELL LOCATION
- MW-18S MGP/RCRA GROUNDWATER MONITORING WELL LOCATION
- PZ-01S MGP/RCRA PIEZOMETER
- SB-12S MGP/RCRA SOIL BORING LOCATION
- TP-10S MGP/RCRA TEST PIT LOCATION
- MW-11 PSA/IRM GROUNDWATER MONITORING WELL LOCATION
- SB-4 PSA/IRM SOIL BORING LOCATION
- TP-3 PSA/IRM TEST PIT LOCATION
- SB-162 SUPPLEMENTAL INVESTIGATION SOIL BORING LOCATION
- CB-2 EXISTING CATCH BASIN
- MH-1 EXISTING STORM SEWER MANHOLE
- EMH-1 EXISTING ELECTRICAL MANHOLE
- TMH-1 EXISTING TELEPHONE MANHOLE
- GMH-1 EXISTING UTILITY MANHOLE
- STORM SEWER
- SANITARY SEWER
- TELEPHONE LINE
- ELECTRICAL LINE
- GAS LINE
- WATER LINE
- CABLE LINE
- GUARD RAIL
- PROPOSED SOIL REMOVAL AREA– YARD STORAGE AREA

GENERAL NOTES:

1. BASE MAP (INCLUDING BUILDING LOCATIONS AND PSA/IRM SAMPLING LOCATIONS) DEVELOPED FROM ELECTRONIC FILE OF NIAGARA MOHAWK POWER CORPORATION (NMPC) DRAWING NO. C-29736-C, DATED JULY 1994, ENTITLED NORTH ALBANY SERVICE CENTER HAZARDOUS WASTE MANAGEMENT PERMIT APPLICATION, TOPOGRAPHIC MAP – INDEX SHEET.
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3. MGP/RCRA INVESTIGATION SAMPLING LOCATIONS AND LOCATIONS OF MANHOLES AND CATCH BASINS WERE OBTAINED FROM A SURVEY CONDUCTED BY NMPC DURING JULY/AUGUST 1997 WITH THE FOLLOWING EXCEPTIONS: SB-116 AND SB-117, WHICH ARE APPROXIMATE LOCATIONS.
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6. LOCATIONS OF SUPPLEMENTAL INVESTIGATION SOIL BORINGS WERE OBTAINED FROM A SURVEY CONDUCTED BY NIAGARA MOHAWK ON MARCH 22, 2005.
7. cy = CUBIC YARDS.
8. sf = SQUARE FEET
9. ft = FEET

0 60' 120'
GRAPHIC SCALE

NIAGARA MOHAWK, A NATIONAL GRID COMPANY
NORTH ALBANY SERVICE CENTER
ALBANY, NEW YORK

YARD STORAGE AREA - PROPOSED SOIL REMOVAL

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists

FIGURE 6

Attachment A

Soil Boring Logs

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Date Start/Finish: 2/23/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 18.5'

Descriptions By: Joseph Lisi

Boring ID: SB-162

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 20								
	1	0-4	2.5	0.0	X		Dark gray-black fine to medium SAND, trace Silt, little Rock fragments, slight odor.	
							Reddish-brown color, moist below 4.0' bgs.	
5 / 15	2	4-8	3.0	0.0	X		Strong odor from 4.0' - 5.0' bgs.	Borehole backfilled with Bentonite to grade.
							Dark gray to black color below 5.0' bgs.	
							Trace Wood chips below 5.5' bgs.	
							Dark gray fine to medium SAND and SILT, trace Organics, trace coarse Sand.	
10 / 10	3	8-10	2.0	0.0			Dark gray very fine SAND and SILT, trace coarse Sand.	
							Dark gray fine to medium SAND, trace coarse Sand.	
							Dark gray SILT, trace Organics, trace Clay.	
15 / 5								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/23/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 18.6' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-163 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Medium to coarse SAND and GRAVEL. [Crush & Run]	
							Dark gray medium to coarse SAND, some angular Rock fragments.	
	1	0-4	4.0	0.0			Light gray fine to medium SAND, little Silt, trace subangular Gravel, trace Wood chips.	
							Reddish-brown below 2.0' bgs.	
							Black very fine to fine SAND, some Coal, little Cinders and Ash. White color at 2.3' bgs.	
15							Dark brown very fine SAND and SILT, trace subrounded Gravel.	
							Dark gray fine to medium SAND, trace coarse Sand, trace fine subangular Gravel, odor.	Borehole backfilled with Bentonite to grade.
5					X		Dark gray very fine SAND and SILT, trace Organics, trace subrounded fine Gravel, odor.	
	2	4-8	3.2	0.0				
							Dark gray very fine SAND and SILT, odor.	
							Dark gray to black very fine to fine SAND, some Silt.	
10							Dark brown very fine SAND and SILT, trace subangular Gravel. Dark gray color below 8.7' bgs.	
	3	8-10	2.0	11.2			Black CINDERS and ASH, little Slag and Coal, odor.	
18							Reddish-brown BRICK fragments.	
5								
15								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/23/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 18.0' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-164 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Gray to black fine to coarse SAND and fine to coarse subangular GRAVEL, trace Rock fragments.	
							Gray-brown fine to coarse SAND, little Silt, trace fine to coarse subangular Gravel, trace Rock fragments.	
	1	0-4	3.6	0.0			Reddish-brown SILT, little fine Sand.	
15							Black COAL, ASH, and CINDERS, some fine to coarse Sand and fine to coarse Gravel, slight odor.	
							Brown fine to medium SAND and SILT, little fine to coarse Gravel, trace coarse Sand and Rock fragments.	Borehole backfilled with Bentonite to grade.
5					X			
	2	4-8	3.6	0.0			Reddish-brown very fine to fine SAND, little Silt, trace fine Gravel.	
							Gray CLAY, little Silt, some fine to medium Sand, trace Rock fragments.	
10								
	3	8-10	2.0	0.0			ROCK fragments.	
10								
5								
15								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/23/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 17.8' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-165 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Dark gray-brown fine to coarse SAND and fine to coarse GRAVEL.	
	1	0-4	1.7	0.0			Brown fine to coarse SAND, some Silt, trace Wood chips, Slag, and fine to coarse subangular Gravel	
15								
5					X		Reddish-brown very fine SAND, trace fine to coarse subangular to angular Gravel, trace Coal fragments, odor.	Borehole backfilled with Bentonite to grade.
	2	4-8	3.5	0.0			Gray-brown Silty CLAY, some fine to coarse Sand, trace subangular Gravel, slight odor	
10								
	3	8-10	1.6	0.0			Brown fine SAND and fine to coarse subangular to angular GRAVEL, little Silt, trace Rock fragments.	
							White-gray SHALE fragments.	
10							Brown fine SAND and fine to coarse subangular to angular GRAVEL, little Silt, trace Rock fragments.	
5								
15								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 18.4'

Descriptions By: Joseph Lisi

Boring ID: SB-166

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Gray fine to medium SAND, little Silt, little fine to medium subangular Gravel, trace Rock fragments.	
				25.4				
				30.8			Brown fine to medium SAND, trace coarse Sand, trace Rock fragments.	
	1	0-4	3.3				Black fine SAND, trace Coal, Cinders and Ash.	
				22.4			Brown fine SAND.	
15							Dark gray to black fine SAND and SILT, little fine angular Gravel, trace Coal, Slag, Rock fragments, and Glass.	
				21.3			Dark gray fine SAND and SILT, trace Clay and Rock fragments, trace Glass.	Borehole backfilled with Bentonite to grade
				40.3				
5					X		Gray fine SAND and SILT, trace angular fine Gravel.	
	2	4-8	1.5	39.7				
				28.2				
				18.7				
10							Brown fine SAND, little medium to coarse Sand, trace Silt and angular Rock fragments.	
	3	8-10	1.8	18.2				
10				19.4				
5								
15								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm).

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 18.0'

Descriptions By: Joseph Lisi

Boring ID: SB-167

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Dark gray medium to coarse SAND, little fine to medium subangular Gravel, trace Rock fragments.	
							Dark brown fine to medium SAND, some Silt, little fine subangular Gravel, trace coarse Sand and Coal fragments.	
	1	0-4	2.7	0.0			Dark brown medium SAND, little coarse Sand, trace fine Sand and fine subangular Gravel.	
15							Black fine SAND and SILT, trace Glass.	
							Brown fine to medium SAND.	
							Black very fine SAND and SILT. Trace Wood chips below 2.3' bgs.	
5					X		Dark gray coarse to fine SAND, some Wood chips below 4.8' bgs.	Borehole backfilled with Bentonite to grade.
							Dark gray fine SAND, trace Silt and subangular Gravel.	
	2	4-8	3.0	0.0			Dark gray very fine SAND and SILT, trace fine Sand.	
10								
	3	8-10	1.9	0.0				
10								
5								
15								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 18.2'

Descriptions By: Joseph Lisi

Boring ID: SB-168

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Gray to dark gray fine to medium SAND, little Silt and fine to medium subangular Gravel, trace black Cinders and Ash. Trace orange-red Brick fragments below 0.7' bgs.	
	1	0-4	3.0	0.0			Red-brown to black fine to medium SAND, little Coal fragments and Ash, trace Slag, gray mottling.	
15								
-5					X		Brown very fine SAND and SILT, trace medium Sand.	Borehole backfilled with Bentonite to grade.
	2	4-8	2.6	0.0				
10							Dark gray SILT, little Clay, trace subangular fine Gravel.	
	3	8-10	1.8	0.0			Brown color below 8.8' bgs.	
10								
5								
-15								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/22/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 18.3' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-169 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0	1	0-4	3.3	0.0 1.5 0.0 0.0	X		Gray fine to medium SAND and SILT, trace fine to medium subangular Gravel. Dark brown to gray fine SAND and SILT, little fine to medium angular Gravel. Tan to brown color below 1.3' bgs. Light brown to gray fine to medium SAND, some Silt, little fine subangular Gravel, trace black Cinders and Ash. Dark brown fine SAND and SILT, trace Coal and Ash. Dark brown SILT, trace Clay and Glass, tan mottling. Dark gray-brown very fine SAND and SILT, little black Coal, trace Wood fragments, trace white Silt.	Borehole backfilled with Bentonite to grade.
15								
5	2	4-8	3.0	6.9 24.4 7.3 6.4	X		Off-white BRICK fragments. Dark brown very fine SAND and SILT, trace fine subrounded Gravel.	
10	3	8-10	2.5	6.3 5.4			Broken ROCK fragments. Tan very fine to fine SAND, little Silt, trace Clay, trace fine surrounded Gravel.	
10								
5								
15								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 18.2'

Descriptions By: Joseph Lisi

Boring ID: SB-170

Client: Niagara Mohawk, A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0								
	1	0-4	1.8	36.7 35.1 21.2 20.5	X		Dark brown medium SAND, some coarse Sand, little fine Sand, trace fine angular Gravel, Coal fragments, Silt and Glass.	
15								
5	2	4-8	2.0	23.2 35.8 12.2 24.8	X		Black fine SAND, little Cinders and Ash, trace fine subangular Gravel and Coal. Dark gray Silty CLAY, moist.	Borehole backfilled with Bentonite to grade.
10	3	8-10	2.0	24.5 22.4			Gray fine SAND. Gray fine SAND and SILT, some fine subangular to angular Gravel, trace Rock fragments.	
10								
5								
15								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm).

Date Start/Finish: 2/22/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 17.7' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-171 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0				28.1	X		Gray to dark gray fine to coarse SAND, little fine angular Gravel, trace medium to coarse Gravel and Rock fragments.	
	1	0-4	2.9	20.5			Brown fine to medium SAND, some coarse Sand, little fine to medium subangular to angular Gravel, trace Rock fragments.	
15				22.4			Tan very fine SAND and SILT, trace Clay, gray mottling	
				20.5				
				31.5			Brown fine to medium SAND, little fine angular Gravel, trace coarse Sand, trace Glass, wet.	Borehole backfilled with Bentonite to grade.
5					X		Dark gray color below 5.1' bgs.	
	2	4-8	3.0	29.4			Reddish-brown fine SAND, little Rock fragments, wet.	
				20.2			Dark gray fine to medium SAND, trace angular Rock fragments, wet.	
10				21.5			Reddish-brown fine to medium SAND, trace coarse Sand and fine to medium subangular Gravel. White to gray color below 8.1' bgs.	
							Brown fine SAND and SILT, some Wood fibers.	
	3	8-10	2.0	18.2			Gray CLAY, little Silt.	
				20.5			Light gray fine to medium SAND, some Silt, trace subrounded fine Gravel, trace Rock fragments, moist.	
16							Light brown medium to coarse SAND, little angular Gravel, little Silt, dry.	
5								
15								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm)

Date Start/Finish: 2/22/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 18.6' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-172 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 20								
	1	0-4	3.2	5.3	X		Gray coarse SAND, some fine to medium angular Gravel, trace Rock fragments, (Crush & Run)	
				12.2			Dark gray fine to coarse SAND, little angular Rock fragments.	
				19.3			Dark gray fine to medium SAND, little Silt, trace angular Rock fragments.	
				16.9			Black fine SAND, some Cinders, little Coal fragments, trace angular Rock.	
5 / 15				17.5			Dark brown fine SAND and SILT, trace subangular fine Gravel, trace Coal fragments, moist.	
	2	4-8	2.8	10.2	X		Brown fine to medium SAND, trace coarse Sand, trace fine subrounded Gravel, moist.	Borehole backfilled with Bentonite to grade.
				12.2			Black CINDERS and ASH, no odor.	
				7.5			Reddish-brown WOOD fibers.	
10 / 10	3	8-10	2.0	11.1			Gray fine to medium SAND, trace Silt, trace Rock fragments.	
				10.7			Brown very fine SAND and SILT.	
				8.2			Dark gray fine to medium SAND, trace coarse Sand and fine subrounded Gravel.	
							Brown CLAY, trace Silt.	
							Trace subrounded fine Gravel below 8.9' bgs.	
							Dark gray-brown fine SAND, some Silt, little subrounded to subangular fine to medium Gravel, trace Rock fragments.	
15 / 5								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.
Duplicate sample, DUP-1, colected from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs. MS/MSD collected from 0 - 0.5' bgs for PCBs and TCL SVOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm).

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 18.7'

Descriptions By: Joseph Lisi

Boring ID: SB-173

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
20								
0					X		Gray fine to coarse angular GRAVEL and fine to coarse SAND.	
				26.8			Black fine to coarse SAND, some fine angular Gravel, some Cinders and Ash, trace reddish-brown Brick and Rock fragments.	
	1	0-4	2.0	34.5			Reddish-brown fine to coarse SAND and fine to coarse GRAVEL, trace Silt and Rock fragments.	
				29.2			Brown fine to medium SAND and SILT, some fine to medium subangular Gravel, trace Rock fragments.	
15				26.5				
				35.1			Dark brown very fine to fine SAND, little Silt, trace orange Silt, trace coarse Sand, Brick fragments, black Cinders and Ash.	Borehole backfilled with Bentonite to grade.
5								
					X		Angular Rock fragments at 5.2' bgs.	
	2	4-8	2.4	32.4			Brown Silty SAND, moist.	
				37.2				
				30.8				
10				11.1			Tan to light brown medium to coarse SAND, little Silt, trace angular fine Gravel, trace Rock fragments.	
	3	8-10	2.0	9.2				
10								
5								
15								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 5.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm).

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 180'

Descriptions By: Joseph Lisi

Boring ID: SB-174

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 20								
	1	0-4	4.0	24.3	X		Dark gray-brown medium to coarse SAND, little fine angular Gravel, trace fine to medium subangular Gravel.	
				23.5			Reddish-brown fine SAND.	
				22.5			Dark gray fine to medium SAND, little Silt, trace fine to medium subangular to angular Gravel	
15				21.8			Brown medium SAND, trace subrounded fine Gravel.	
				24.8			Dark gray SILT, tan mottling.	
				18.2			Dark brown fine SAND, little Silt, trace Coal fragments and fine angular Gravel.	
5	2	4-8	2.3	19.3	X		Dark gray to black fine to medium SAND, some Coal fragments, trace fine to medium angular Gravel. Little red Brick fragments below 4.6' bgs.	Borehole backfilled with Bentonite to grade.
				20.4			Brown to black very fine to fine SAND, some Silt, trace black Slag and Coal fragments, gray mottling.	
10				18.5			Brown fine to medium SAND, little angular fine to medium Gravel, trace Rock fragments.	
	3	8-10	2.0	20.2			White to black medium to coarse SAND, some angular Rock fragments, trace Silt and Coal.	
10							Grayish-brown CLAY.	
							Light brown fine SAND and SILT, trace subangular fine Gravel.	
15								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.
MS/MSD collected from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm).

Date Start/Finish: 2/22/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 20.2' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-175 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0	20								
		1	0-4	4.0	4.2	X		Light brown fine to coarse SAND and GRAVEL, trace Rock fragments.	
					8.2			Dark brown fine to coarse SAND, some fine to coarse angular to subangular Gravel.	
					17.2			Trace Wood chips at 3.0' bgs.	
					9.0				
5	15	2	4-8	3.8	7.9				Borehole backfilled with Bentonite to grade.
					17			Reddish-brown BRICK fragments.	
					10.1			Brown fine SAND, some Slag and Brick fragments, trace coarse Sand and fine to medium subangular Gravel.	
					35.1	X		Bluish WOOD chips.	
								Brown coarse SAND and fine to coarse angular GRAVEL, trace Silt.	
								Brown fine SAND and SILT, trace fine Gravel, moist. Light brown color below 8.0' bgs.	
		3	8-10	2.0	20.2				
					15.4				
10	10				21.2			Brown very fine to fine SAND, trace Silt, moist.	
15	5								

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Remarks: Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 7.0' - 8.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

PID readings jumping around. Readings probably represent background (between 20 - 25 ppm).

Date Start/Finish: 2/22/05
Drilling Company: BBL
Driller's Name: Jay Boland
Drilling Method: Geoprobe Direct Push
Sampler Size: 4' x 2" ID Lexane liners

Northing: NA
Easting: NA
Casing Elevation: NA

Borehole Depth: 10' below grade
Surface Elevation: 19.1'

Descriptions By: Joseph Lisi

Boring ID: SB-176

Client: Niagara Mohawk,
A National Grid Company

Location: North Albany Service Center
1125 Broadway
Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 20								
0					X		Brown fine to coarse SAND, some Silt, trace fine subangular to angular Gravel. Gray color below 0.5' bgs.	
							Dark brown to black fine SAND, little medium Sand, trace angular Gravel and black Silt.	
	1	0-4	2.8	NA			Reddish-brown BRICK fragments.	
					X		Brown to black fine to medium SAND, little coarse Sand, trace Silt and Coal.	Borehole backfilled with Bentonite to grade.
5 / 15								
	2	4-8	1.8	NA			Light tan to brown fine SAND, some Silt, little medium to coarse Sand, trace fine subangular to angular Gravel.	
	3	8-10	0.0	NA			No Recovery.	
10 / 10								
5 / 15								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 2.0' - 4.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

No PID readings recorded due to PID malfunction.

Date Start/Finish: 2/23/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 10' below grade **Surface Elevation:** 20.7' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-177 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH / ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0 / 20	1	0-4	2.35	0.0	X		Black SLAG, CINDERS, and ASH, some fine to medium Sand, trace Silt.	
							Brown fine SAND, some Silt, trace Rock fragments, moist.	
5 / 15	2	4-8	3.2	0.0	X		Reddish-brown very fine SAND, some Silt, trace fine subrounded Gravel, mottled	Borehole backfilled with Bentonite to grade.
	3	8-10	2.15	0.0				
10 / 10								
15 / 5								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Date Start/Finish: 2/23/05 **Drilling Company:** BBL **Driller's Name:** Jay Boland **Drilling Method:** Geoprobe Direct Push **Sampler Size:** 4' x 2" ID Lexane liners	**Northing:** NA **Easting:** NA **Casing Elevation:** NA **Borehole Depth:** 8.0' below grade **Surface Elevation:** 20.1' **Descriptions By:** Joseph Lisi	**Boring ID:** SB-178 **Client:** Niagara Mohawk, A National Grid Company **Location:** North Albany Service Center 1125 Broadway Albany, NY

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Analytical Sample	Geologic Column	Stratigraphic Description	Boring Construction
0	20	1	0-4	2.0	0.0	X		Black SLAG, CINDERS, and ASH, some fine to medium Sand, trace Silt.	
								Brown fine SAND, some Silt, trace Rock fragments, moist.	
5	15		4-8	2.5	0.0	X		Dark gray-black medium to coarse SAND, some fine Sand, little fine to medium subangular Gravel, moist.	Borehole backfilled with Bentonite to grade.
								Dark brown color below 6.1' bgs.	
								Orange-brown BRICK fragments.	
								Dark gray-black CINDERS, ASH, COAL fragments, and fine to medium SAND, trace Glass, moist.	
10	10							Refusal at 8.0' bgs.	
15	5								

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Remarks: bgs = below ground surface; NA = Not Available/Applicable.
Soil samples collected from 0 - 0.5' bgs for PCBs and TCL SVOCs; and from 4.0' - 6.0' bgs for PCBs, TCL SVOCs, and TCL VOCs.

Attachment B

Data Usability Summary Reports

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DATA USABILITY SUMMARY REPORT

NIAGARA MOHAWK
NORTH ALBANY SERVICE CENTER

SDG# 5797

VOLATILES, SEMIVOLATILES AND PCB ANALYSES

Analyses performed by:

CompuChem
Cary, North Carolina

Review performed by:

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Blasland, Bouck & Lee, Inc.
Syracuse, New York

Summary

The following is an assessment of the data package for SDG# 5797 for sampling at the Niagara Mohawk-North Albany Service Center. Included with this assessment are the data review check sheets used in the review of the package and corrected sample results. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOA	SVOC	PCB	TAL	TOC
DUP-1[1]	579710	Soil	2/22/05	x	x	x		
SB-162 (4-6)	579713	Soil	2/23/05	x	x	x		
SB-163 (4-6)	579714	Soil	2/23/05	x	x	x		
SB-164 (4-6)	579715	Soil	2/23/05	x	x	x		
SB-165 (4-6)	579716	Soil	2/23/05	x	x	x		
SB-166 (4-6)	579706	Soil	2/22/05	x	x	x		
SB-167 (4-6)	579711	Soil	2/22/05	x	x	x		
SB-168 (4-6)	579712	Soil	2/22/05	x	x	x		
SB-169 (4-6)	579702	Soil	2/22/05	x	x	x		
SB-170 (4-6)	579709	Soil	2/22/05	x	x	x		
SB-171 (4-6)	579708	Soil	2/22/05	x	x	x		
SB-172 (4-6)	579707	Soil	2/22/05	x	x	x		
SB-173 (5-6)	579705	Soil	2/22/05	x	x	x		
SB-174 (4-6)[2]	579704	Soil	2/22/05	x	x	x		
SB-175 (7-8)	579703	Soil	2/22/05	x	x	x		
SB-176 (2-4)	579701	Soil	2/22/05	x	x	x		
SB-177 (4-6)	579717	Soil	2/23/05	x	x	x		
SB-178 (4-6)	579718	Soil	2/23/05	x	x	x		

1 Field duplicate of sample SB-172 (4-6)
2 MS/MSD analysis performed on sample.

VOLATILE ANALYSES

Introduction

Analyses were performed according to USEPA SW-846 Method 8260 as referenced in NYSDEC-ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

ND The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding time for volatile analyses under NYSASP is 10 days from sample receipt. The technical holding time for waters is 14 days from sample collection.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, trip, field, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Field and rinse blanks measure contamination of samples during field operations.

No target compounds were detected in the method blanks.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) limits for select compounds only and allows two outliers. A technical review of the data applies limits to all compounds with no exceptions.

The %RSD were less than 30% for all compounds.

4.2 Continuing Calibration

The method specifies percent drift (%D) criteria for select compounds only. A technical review applies limits to all compounds with no exceptions.

The continuing calibration standards were above control limits for chloromethane and vinyl chloride. Based on the %D data were qualified as estimated for the listed compounds in samples SB-170 (4-6), SB-164 (4-6), SB-177 (4-6) and SB-178 (4-6).

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

Recovery for one surrogate was above control limits in sample SB-163 (4-6). Positive data in the listed sample were qualified as estimated based on the deviation. All other surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every experimental run.

The responses for three internal standards were below the control limit in sample SB-163 (4-6). Data were qualified as estimated for all compounds quantitated under the non-compliant internal standards. All other internal standard areas and retention times were within established limits.

7. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

8. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD data are used to assess the precision and accuracy of the analytical method.

The MSD recoveries were above control limits for chloromethane, vinyl chloride and 2-butanone and the relative percent difference (RPD) between recoveries were above control limits for chloromethane and vinyl chloride. Since data for the listed compounds were non-detect in the associated sample, no data were qualified based on the deviations.

9. Matrix Spike Blank

All matrix spike blank recoveries were within control limits.

10. Field Duplicates

Results for duplicate samples are summarized below:

Sample ID/ Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SB-172 (4-6) / DUP-1	Acetone	79	62	24.1%
	2-butanone	26	15J	53.7%
	Toluene	6J	ND	NA

ND – Not detected
NA – Analyte not detected in the sample and/or duplicate. RPD not applicable.

The duplicate results are acceptable.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checklist

Volatile Organics Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?	X		
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are surrogate recovery forms present?	X		
Are all samples listed on the surrogate recovery form?	X		
Was one or more surrogate recovery outside control limits for any sample or blank?	X		
If yes, were the samples reanalyzed?	X		
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a MS recovery form present?	X		
Were matrix spikes analyzed at the required frequency?	X		
How many spike recoveries were outside of QC limits?			
3 out of 96			
How many RPDs for MS/MSD were outside of QC limits?			
2 out of 48			
Blanks			
Is a method blank summary form present?	X		
Has a method blank been analyzed for each day or for each 20 samples, whichever is more frequent?	X		
Has a blank been analyzed at least once every 12 hours for each system used?	X		
Do any method/instrument blanks have positive results?	X		
Are trip/field/rinse blanks associated with every sample?		X	
Do any trip/field/rinse blanks have positive results?			X

	YES	NO	NA
Tuning and Mass Calibration			
Are the GC/MS tuning forms present for BFB?	X		
Are the bar graph spectrum and mass/charge listing provided for each BFB?	X		
Has a BFB been analyzed for each 12 hours of analysis per instrument?	X		
Have the ion abundance criteria been met for each instrument used?	X		
Target Analytes			
Is an organics analysis data sheet present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Are the reconstructed ion chromatograms present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Is the chromatographic performance acceptable?	X		
Are the mass spectra of the identified compounds present?	X		
Are all ions present in the standard mass spectrum at a relative intensity of 10% or greater also present in the sample spectrum?	X		
Do the samples and standard relative ion intensities agree within 20%?	X		
Tentatively Identified Compounds			
Are all the TIC summary forms present?	X		
Are the mass spectra for the tentatively identified compounds and their associated "best match" spectra present?	X		
Are any target compounds listed as TICs?		X	
Are all ions present in the reference mass spectrum with a relative intensity greater than 10% also present in the sample mass spectrum?	X		
Do the TIC and "best match" spectrum agree within 20%?	X		
Quantitation and Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	
Are the reporting limits adjusted to reflect sample dilutions and, for soils, sample moisture?	X		
Standard Data			
Are the quantitation reports and reconstructed ion chromatograms present for the initial and continuing calibration standards?	X		

	YES	NO	NA
Initial Calibration			
Are the initial calibration forms present for each instrument used?	X		
Are the response factor RSDs within acceptable limits?	X		
Are the average RRFs ≥ minimum requirements?	X		
Are there any transcription/calculation errors in reporting the RRFs or RSDs?		X	
Continuing Calibration			
Are the continuing calibration forms present for each day and each instrument?	X		
Has a continuing calibration standard been analyzed for each 12 hours of analysis per instrument?	X		
All %D within acceptable limits?		X	
Are all RF ≥ minimum requirements?	X		
Are there any transcription/calculation errors in reporting of RF or %D?		X	
Internal Standards			
Are internal standard areas of every sample within the upper and lower limits for each continuing calibration?		X	
Are the retention times of the internal standards within 30 seconds of the associated calibration standard?	X		
Field Duplicates			
Were field duplicates submitted with the samples?	X		

Volatile Qualifier Summary
Holding Time, Surrogates, Internal Standards

Sample ID	Holding Time*	Surrogates*			Internal Standards*		
		TOL	BFB	DCE	BCM	DFB	CBZ
DUP-1							
SB-162 (4-6)							
SB-163 (4-6)			↑		↓	↓	↓
SB-163 (4-6) RE			↑	↑	↓↓	↓↓	↓↓
SB-164 (4-6)							
SB-165 (4-6)							
SB-166 (4-6)							
SB-167 (4-6)							
SB-168 (4-6)							
SB-169 (4-6)							
SB-170 (4-6)							
SB-171 (4-6)							
SB-172 (4-6)							
SB-173 (5-6)							
SB-174 (4-6)							
SB-174 (4-6) MS							
SB-174 (4-6) MSD							
SB-175 (7-8)							
SB-176 (2-4)							
SB-177 (4-6)							
SB-178 (4-6)							

Surrogates:
TOL Toluene-d8
BFB Bromofluorobenzene
DCE 1,4-Dichloroethane-d4

Internal Standards:
BCM Bromochloromethane
DFB 1,4-Difluorobenzne
CBZ Chlorobenzene-d5

Qualifiers:
D Diluted
↑ Recovery high
↓ Recovery low
↓↓ Recovery <10%

* Unless otherwise specified, all parameters are within acceptable limits.

SEMIVOLATILE ANALYSES

Introduction

Analyses were performed according to EPA SW-846 Method 8270 as referenced in the NYSDEC ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

ND The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding times for semivolatile analysis under NYSASP are 5 days from sample receipt to extraction and 40 days to analysis. The technical holding times for soils is 14 days from sample collection to extraction and 40 days to analysis.

All samples were extracted and analyzed within the technical holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, field, and rinse blanks) are prepared to identify any contamination which may have been introduced in to the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure contamination of samples during field operations.

No compounds were detected in the method blank.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) limits for select compounds only and allows four outliers. A technical review of the data applies limits to all compounds with no exceptions.

The %RSD were within control limits for all compounds with the exception of 3,3'-dichlorobenzidine. Data for the listed compound were qualified as estimated based on the deviation.

4.2 Continuing Calibration

The method specifies percent drift (%D) criteria for select compounds only. A technical review applies limits to all compounds with no exceptions.

The continuing calibration standards were above control limits for several compounds. Based on the deviations, data were qualified as estimated for 2,2-oxybis(1-chloropropane), hexachlorocyclopentadiene, 4-chloroaniline, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol and butylbenzylphthalate in samples BS-176 (2-4), SB-169 (4-6), SB-175 (7-8), SB-174 (4-6), SB-173 (5-6), BS-166 (4-6), SB-172 (4-6), SB-171 (4-6), SB-170 (4-6) and DUP-1 and 2,2-oxybis(1-chloropropane), 2,4-dimethylphenol,

hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, carbazole and butylbenzylphthalate in samples SB-167 (4-6), SB-168 (4-6), SB-162 (4-6), SB-163 (4-6), SB-164 (4-6), SB-165 (4-6), SB-177 (4-6) and SB-178 (4-6)DL.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every experimental run.

The response for one internal standard was below the control limit and one internal standard was below 25% in sample SB-178 (4-6). The response for one internal standard was below the control limit in sample SB-178 (4-6) DL. Data for sample SB-178 (4-6)DL were reported and all compounds quantitated under the non-compliant internal standard were qualified as estimated. All other internal standard responses and retention times were within control limits.

7. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Data exceeded the linear range for phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, and benzo(a)pyrene in sample SB-165 (4-6) and phenanthrene, fluoranthene, and pyrene in sample SB-168 (4-6). Data for the listed compounds were replaced with data form the dilution analyses in the associated samples. All other identified compounds met the specified criteria.

8. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD data are used to assess the precision and accuracy of the analytical method.

The MS and MSD recoveries for 3-nitroaniline and 3,3'-dichlorobenzidine were above control limits. Since data for the listed compounds were non-detect in the associated sample, no data were qualified based on the deviations.

9. Matrix Spike Blank

The matrix spike blank recovery for 3-nitroaniline was above control limits. Since all data for 3-nitroaniline were non-detect, no data were qualified based on the deviation. All other matrix spike blank results were within control limits.

10. Field Duplicate

Results for duplicate samples are summarized below:

Sample ID/ Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SB-172 (4-6) / DUP-1	Benzaldehyde	ND	390J	NA
	Phenanthrene	750J	ND	NA
	Fluoranthene	11000	2100	135.8%
	Pyrene	12000	1900	145.3%
	Benzo(a)anthracene	7200	890	155.9%
	Chrysene	7300	970	153.0%
	Benzo(b)fluoranthene	5800	610	161.9%
	Benzo(k)fluoranthene	6300	760	156.9%
	Benzo(a)pyrene	7000	750	161.2%
	Indeno(1,2,3-cd)pyrene	4600	440J	165.0%
	Dibenzo(a,h)anthracene	1200J	140J	158.2%
	Benzo(g,h,i)perylene	3500	380J	160.8%

ND – Not detected
NA – Analyte not detected in the sample and/or duplicate. RPD not applicable.

The duplicate results are unacceptable. Data were qualified as estimated in samples SB-172 (4-6) and DUP-1 for all compounds with an RPD of 100% or greater.

11. System Performance and Overall Assessment

Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checklist

Semivolatile Organics Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?	X		
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are the surrogate recovery forms present?	X		
Are all samples listed on the surrogate recovery form?	X		
Were two or more base-neutral or acid surrogate recoveries outside control limits for any sample or blank?		X	
If yes, were the samples reanalyzed?			X
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a MS recovery form present?	X		
Were MSs analyzed at the required frequency	X		
How many spike recoveries were outside of QC limits?			
4 out of 130			
How many RPDs for MS/MSD were outside of QC limits?			
0 out of 65			
Blanks			
Is the method blank summary form present?	X		
Has a method blank been analyzed for each set of samples or for each 20 samples, whichever is more frequent?	X		
Has a blank been analyzed for each system used?	X		
Do any method blanks have positive results?		X	
Are field/rinse blanks associated with every sample?		X	
Do any field/rinse blanks have positive results?			X

	YES	NO	NA
Tuning and Mass Calibration			
Are the GC/MS tuning forms present for DFTPP?	X		
Are the bar graph spectrum and mass/charge listing provided for each DFTPP?	X		
Has a DFTPP been analyzed for each 12 hours of analysis per instrument?	X		
Have the ion abundance criteria been met for each instrument used?	X		
Target Analytes			
Is an organics analysis data sheet present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Are the reconstructed ion chromatograms present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Is the chromatographic performance acceptable?	X		
Are the mass spectra of the identified compounds present?	X		
Are all ions present in the standard mass spectrum at a relative intensity of 10% or greater also present in the sample spectrum?	X		
Do the samples and standard relative ion intensities agree within 20%?	X		
Tentatively Identified Compounds			
Are all the TIC summary forms present?	X		
Are the mass spectra for the tentatively identified compounds and their associated "best match" spectra present?	X		
Are any target compounds listed as TICs?		X	
Are all ions present in the reference mass spectrum with a relative intensity greater than 10% also present in the sample mass spectrum?	X		
Do the TIC and "best match" spectrum agree within 20%?	X		
Quantitation and Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	
Are the reporting limits adjusted to reflect sample dilutions, and for soils, sample moisture?	X		
Standard Data			
Are the quantitation reports and reconstructed ion chromatograms present for the initial and continuing calibration standards?	X		

	YES	NO	NA
Initial Calibration			
Are the initial calibration forms present for each instrument used?	X		
Are the response factor RSDs within acceptable limits?		X	
Are the average RRF ≥ minimum requirements?	X		
Are there any transcription/calculation error in reporting the RRF or RSD?		X	
Continuing Calibration			
Are the continuing calibration forms present for each day and each instrument?	X		
Has a continuing calibration standard been analyzed for each 12 hours of analysis per instrument?	X		
All %D within acceptable limits?		X	
Are all RF ≥ minimum requirements?	X		
Are there any transcription/calculation errors in reporting of RF or %D?		X	
Internal Standards			
Are internal standard areas of every sample within the upper and lower limits for each continuing calibration?		X	
Are the retention times of the internal standards within 30 seconds of the associated calibration standard?	X		
Field Duplicates			
Were field duplicates submitted with the samples?	X		

Semivolatile Qualifier Summary
Holding Time, Surrogates, Internal Standards

Sample ID	Holding Time*	Surrogates*						Internal Standards*					
		2FP	PHL	TBP	NBZ	FBP	TPH	DCB	NPT	ANT	PHN	CRY	PRY
DUP-1													
SB-162 (4-6)													
SB-163 (4-6)													
SB-164 (4-6)													
SB-165 (4-6)													
SB-165 (4-6) DL													
SB-166 (4-6)													
SB-167 (4-6)													
SB-168 (4-6)													
SB-168 (4-6) DL													
SB-169 (4-6)													
SB-170 (4-6)													
SB-171 (4-6)													
SB-172 (4-6)													
SB-173 (5-6)													
SB-174 (4-6)													
SB-174 (4-6) MS													
SB-174 (4-6) MSD													
SB-175 (7-8)													
SB-176 (2-4)													
SB-177 (4-6)													
SB-178 (4-6)												↓	↓↓
SB-178 (4-6) DL													↓

Surrogates:

NBZ	Nitrobenzene-d5
FBP	2-Fluorobiphenyl
TPH	Terphenyl-d14
PHL	Phenol-d6
2FP	2-Fluorophenol
TBP	2,4,6-Tribromophenol

Internal Standards:

DCB	1,4-Dichlorobenzene-d4
NPT	Naphthalene-d8
ANT	Acenaphthene-d10
PHN	Phenanthrene-d10
CRY	Chrysene-d12
PRY	Perylene-d12

Qualifiers:

D	Diluted
↓	Recovery low
↑	Recovery high
na	not applicable
↓↓	Response <25%

* Unless otherwise specified, all parameters are within acceptable limits.

PCB ANALYSES

Introduction

Analyses were performed according to USEPA SW-846 Method 8082 as referenced in NYSDEC-ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by GC/MS.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding times for PCB analyses under NYSASP are 7 days from sample receipt to extraction and 40 days to analysis. The technical holding times for soils are 10 days from sample collection to extraction and 40 days to analysis.

All samples were extracted and analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, field, or rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure contamination of samples during field operations.

No Aroclors were detected in the blanks.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

A five point calibration was not performed by the laboratory as per USEPA SW-846 Method 8082 therefore all the PCB data were qualified as estimated.

4.2 Continuing Calibration

The continuing calibrations were within specified limits for all Aroclors.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

Recoveries for all surrogates were above control limits in sample SB-165 (4-6) and recovery for one surrogate was above the control limit in sample SB-168 (4-6). Since no aroclors were detected in the listed samples, no data were qualified based on the deviations. All other surrogate recoveries were within control limits

6. Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns.

All identified compounds met the specified criteria.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Matrix spike blank data is used to assess the precision and accuracy of the analytical method independent of matrix interferences.

The MS/MSD recoveries were within control limits.

8. Matrix Spike Blank

The matrix spike blank recovery was within control limits.

9. Field Duplicates

Results for duplicate samples are summarized below:

Sample ID/ Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SB-172 (4-6) / DUP-1	ND	--	--	NA

ND – Not detected
NA – Analyte not detected in the sample and/or duplicate. RPD not applicable.

The duplicate results are acceptable.

10. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checklists

PCB Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?	X		
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are the surrogate recovery forms present?	X		
Are all the samples listed on the appropriate surrogate recovery form?	X		
Were recoveries of any surrogate outside of specified limits for any sample or blank?	X		
If yes, were the samples reanalyzed?		X	
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a matrix spike recovery form present?	X		
Were matrix spikes analyzed at the required frequency?	X		
How many spike recoveries were outside of QC limits?			
0 out of 4			
How many RPDs for matrix spike and matrix spike duplicate were outside of QC limits?			
0 out of 2			
Blanks			
Is a method blank summary form present?	X		
Has a method blank been analyzed for each set of samples or for each 20 samples, whichever is more frequent?	X		
Do any method/reagent/instrument blanks have positive results?		X	
Do any field/rinse/equipment blanks have positive results?			X
Are there field/rinse/equipment blanks associated with every sample?		X	

	YES	NO	NA
Calibration and GC Performance			
Are the following chromatograms and integration reports present?			
Peak resolution check		X	
Aroclor 1016/1260	X		
Aroclors 1221, 1232, 1242, 1248, and 1254	X		
Is a calibration summary form present and complete for each analytical sequence?	X		
Are there any transcription/calculation errors between the raw data and the forms?		X	
Are the %RSD for the initial calibration within specified limits for all analytes?	X		
Is the resolution between any two adjacent peaks in the resolution check mixture > 60%?			X
Have all samples been injected within a 12 hour period beginning with the injection of a calibration standard?	X		
Is a continuing calibration summary form present and complete for each continuing standard analyzed?	X		
Are there any transcription/calculation errors between the raw data and the form?		X	
Are all the percent difference (%D) values for all continuing calibration standards within specified limits?	X		
Analytical Sequence			
Is Form VIII present and complete for each column and each period of analyses?	X		
Was the proper analytical sequence followed?	X		
Cleanup Efficiency Verification			
Are percent recoveries of the compounds used to check the efficiency of the cleanup procedure within QC limits?	X		
PCB Identification			
Are RT of sample compounds within the established RT windows?	X		
Were all positively identified compounds confirmed on a second column?	X		
Was GC/MS confirmation provided when required?			X
Were there any false negatives?		X	
Compound Quantitation and Reported Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	

	YES	NO	NA
Are the reporting limits adjusted to reflect sample dilutions and, for soils, sample moisture?	X		
Chromatogram Quality			
Were the baselines stable?	X		
Were any electronegative displacement (negative peaks) or unusual peaks detected?		X	
Field Duplicates			
Were field duplicates submitted with the samples?	X		

PCB Qualifier Summary
Holding Time and Surrogates

Sample ID	Holding Time*	Surrogates*			
		TCX-1	TCX-2	DCB-1	DCB-2
DUP-1					
SB-162 (4-6)					
SB-163 (4-6)					
SB-164 (4-6)					
SB-165 (4-6)		↑	↑	↑	↑
SB-166 (4-6)					
SB-167 (4-6)					
SB-168 (4-6)				↑	
SB-169 (4-6)					
SB-170 (4-6)					
SB-171 (4-6)					
SB-172 (4-6)					
SB-173 (5-6)					
SB-174 (4-6)					
SB-174 (4-6) MS					
SB-174 (4-6) MSD					
SB-175 (7-8)					
SB-176 (2-4)					
SB-177 (4-6)					
SB-178 (4-6)					

Surrogates:
TCX Tetrachloro-m-xylene
DCB Decachlorobiphenyl
na Not applicable

Qualifiers:
D Surrogate diluted out
↑ Recovery high
↓ Recovery low

* Unless otherwise noted, all parameters are within specified limits.

Corrected Sample Analysis Data Sheets

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-1

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579710

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579710A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 35 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	15	U
74-87-3	Chloromethane	15	U
75-01-4	Vinyl Chloride	15	U
74-83-9	Bromomethane	15	U
75-00-3	Chloroethane	15	U
75-69-4	Trichlorofluoromethane	15	U
75-35-4	1,1-Dichloroethene	15	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluorcethane	15	U
67-64-1	Acetone	62	
75-15-0	Carbon Disulfide	15	U
79-20-9	Methyl Acetate	15	U
75-09-2	Methylene Chloride	15	U
156-60-5	trans-1,2-Dichloroethene	15	U
1634-04-4	Metnyl-tert-butyl ether	15	U
75-34-3	1,1-Dichloroethane	15	U
156-59-2	cis-1,2-Dichloroethene	15	U
78-93-3	2-Butanone	15	J
67-66-3	Chloroform	15	U
71-55-6	1,1,1-Trichloroethane	15	U
110-82-7	Cyclohexane	15	U
56-23-5	Carbon Tetrachloride	15	U
71-43-2	Benzene	15	U
107-06-2	1,2-Dichloroethane	15	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-1

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579710

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579710A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 35 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	15	U
108-87-2	Methylcyclohexane	15	U
78-87-5	1,2-Dichloropropane	15	U
75-27-4	Bromodichloromethane	15	U
10061-01-5	cis-1,3-Dichloropropene	15	U
108-10-1	4-Methyl-2-Pentanone	15	U
108-88-3	Toluene	15	U
10061-02-6	trans-1,3-Dichloropropene	15	U
79-00-5	1,1,2-Trichloroethane	15	U
127-18-4	Tetrachloroethene	15	U
591-78-6	2-Hexanone	15	U
124-48-1	Dibromochloromethane	15	U
106-93-4	1,2-Dibromoethane	15	U
108-90-7	Chlorobenzene	15	U
100-41-4	Ethylbenzene	15	U
1330-20-7	Xylene (Total)	15	U
100-42-5	Styrene	15	U
75-25-2	Bromoform	15	U
98-82-8	Isopropylbenzene	15	U
79-34-5	1,1,2,2-Tetrachloroethane	15	U
541-73-1	1,3-Dichlorobenzene	15	U
106-46-7	1,4-Dichlorobenzene	15	U
95-50-1	1,2-Dichlorobenzene	15	U
96-12-8	1,2-Dibromo-3-Chloropropane	15	U
120-82-1	1,2,4-Trichlorobenzene	15	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

DUP-1

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579710

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579710A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 35 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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29.					
30.					

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-162-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579713

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579713A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 9 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	9	J
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl-tert-butyl ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-162-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579713

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579713A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 9 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-Chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

NYSDEC SAMPLE NO.

SB-162-4-6

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579713

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579713A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 9 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579714A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	20	
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579714A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	32	
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-163-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579714A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6RE

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579714RA52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6RE

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579714RA52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-163-4-6RE

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579714RA52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-164-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579715

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579715RA52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 20 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U J
75-01-4	Vinyl Chloride	13	U J
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl-tert-butyl ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-164-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579715

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579715RA52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 20 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-Chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-164-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579715

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579715RA52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 20 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579716A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 12 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	52	
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl-tert-butyl ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	3	J
107-06-2	1,2-Dichloroethane	11	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579716A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 12 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	2	J
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-Chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-165-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579716A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 12 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-166-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579706

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579706A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	47	
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl-tert-butyl ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-166-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579706

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579706A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-Chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-166-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579706

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579706A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-167-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579711

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579711A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	17	
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl-tert-butyl ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-167-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579711

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579711A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-Chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

NYSDEC SAMPLE NO.

SB-167-4-6

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579711

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579711A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579712A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 19 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	16	
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579712A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 19 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: ____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	3	J
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	4	J
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-168-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579712A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 19 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-169-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579702

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579702A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	3	J
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl-tert-butyl ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-169-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579702

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579702A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-Chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-169-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579702

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579702A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 20 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-170-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579709

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579709RA52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	58	
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	16	
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-170-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579709

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579709RA52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-170-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579709

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579709RA52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-171-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579708

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579708A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 19 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-171-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579708

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579708A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 19 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-171-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579708

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579708A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 19 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-172-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579707

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579707A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 40 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	17	U
74-87-3	Chloromethane	17	U
75-01-4	Vinyl Chloride	17	U
74-83-9	Bromomethane	17	U
75-00-3	Chloroethane	17	U
75-69-4	Trichlorofluoromethane	17	U
75-35-4	1,1-Dichloroethene	17	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	17	U
67-64-1	Acetone	79	
75-15-0	Carbon Disulfide	17	U
79-20-9	Methyl Acetate	17	U
75-09-2	Methylene Chloride	17	U
156-60-5	trans-1,2-Dichloroethene	17	U
1634-04-4	Methyl-tert-butyl ether	17	U
75-34-3	1,1-Dichloroethane	17	U
156-59-2	cis-1,2-Dichloroethene	17	U
78-93-3	2-Butanone	26	
67-66-3	Chloroform	17	U
71-55-6	1,1,1-Trichloroethane	17	U
110-82-7	Cyclohexane	17	U
56-23-5	Carbon Tetrachloride	17	U
71-43-2	Benzene	17	U
107-06-2	1,2-Dichloroethane	17	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-172-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579707

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579707A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 40 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	17	U
108-87-2	Methylcyclohexane	17	U
78-87-5	1,2-Dichloropropane	17	U
75-27-4	Bromodichloromethane	17	U
10061-01-5	cis-1,3-Dichloropropene	17	U
108-10-1	4-Methyl-2-Pentanone	17	U
108-88-3	Toluene	6	J
10061-02-6	trans-1,3-Dichloropropene	17	U
79-00-5	1,1,2-Trichloroethane	17	U
127-18-4	Tetrachloroethene	17	U
591-78-6	2-Hexanone	17	U
124-48-1	Dibromochloromethane	17	U
106-93-4	1,2-Dibromoethane	17	U
108-90-7	Chlorobenzene	17	U
100-41-4	Ethylbenzene	17	U
1330-20-7	Xylene (Total)	17	U
100-42-5	Styrene	17	U
75-25-2	Bromoform	17	U
98-82-8	Isopropylbenzene	17	U
79-34-5	1,1,2,2-Tetrachloroethane	17	U
541-73-1	1,3-Dichlorobenzene	17	U
106-46-7	1,4-Dichlorobenzene	17	U
95-50-1	1,2-Dichlorobenzene	17	U
96-12-8	1,2-Dibromo-3-Chloropropane	17	U
120-82-1	1,2,4-Trichlorobenzene	17	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-172-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579707

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579707A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 40 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-173-5-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579705

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579705A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 21 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	13	U
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl-tert-butyl ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-173-5-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579705

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579705A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 21 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-Chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-173-5-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579705

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579705A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 21 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-174-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579704

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579704A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 21 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	13	U
74-87-3	Chloromethane	13	U
75-01-4	Vinyl Chloride	13	U
74-83-9	Bromomethane	13	U
75-00-3	Chloroethane	13	U
75-69-4	Trichlorofluoromethane	13	U
75-35-4	1,1-Dichloroethene	13	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
67-64-1	Acetone	29	
75-15-0	Carbon Disulfide	13	U
79-20-9	Methyl Acetate	13	U
75-09-2	Methylene Chloride	13	U
156-60-5	trans-1,2-Dichloroethene	13	U
1634-04-4	Methyl-tert-butyl ether	13	U
75-34-3	1,1-Dichloroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U
78-93-3	2-Butanone	13	U
67-66-3	Chloroform	13	U
71-55-6	1,1,1-Trichloroethane	13	U
110-82-7	Cyclohexane	13	U
56-23-5	Carbon Tetrachloride	13	U
71-43-2	Benzene	13	U
107-06-2	1,2-Dichloroethane	13	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-174-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579704

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579704A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 21 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	13	U
108-87-2	Methylcyclohexane	13	U
78-87-5	1,2-Dichloropropane	13	U
75-27-4	Bromodichloromethane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
108-10-1	4-Methyl-2-Pentanone	13	U
108-88-3	Toluene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
79-00-5	1,1,2-Trichloroethane	13	U
127-18-4	Tetrachloroethene	13	U
591-78-6	2-Hexanone	13	U
124-48-1	Dibromochloromethane	13	U
106-93-4	1,2-Dibromoethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	13	U
1330-20-7	Xylene (Total)	13	U
100-42-5	Styrene	13	U
75-25-2	Bromoform	13	U
98-82-8	Isopropylbenzene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-Chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U

1F

NYSDEC SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SB-174-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579704

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579704A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 21 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-175-7-8

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579703

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579703A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 12 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	11	U
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	28	
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl-tert-butyl ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	12	
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-175-7-8

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579703

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579703A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 12 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	3	J
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-Chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-175-7-8

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579703

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579703A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 12 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-176-2-4

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579701

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579701A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 14 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	3	J
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-176-2-4

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579701

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579701A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 14 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	9	J
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	2	J

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-176-2-4

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579701

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579701A52

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. 14 Date Analyzed: 03/01/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-177-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579717

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579717A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	12	U
74-87-3	Chloromethane	12	U
75-01-4	Vinyl Chloride	12	U
74-83-9	Bromomethane	12	U
75-00-3	Chloroethane	12	U
75-69-4	Trichlorofluoromethane	12	U
75-35-4	1,1-Dichloroethene	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
79-20-9	Methyl Acetate	12	U
75-09-2	Methylene Chloride	12	U
156-60-5	trans-1,2-Dichloroethene	12	U
1634-04-4	Methyl-tert-butyl ether	12	U
75-34-3	1,1-Dichloroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U
78-93-3	2-Butanone	12	U
67-66-3	Chloroform	12	U
71-55-6	1,1,1-Trichloroethane	12	U
110-82-7	Cyclohexane	12	U
56-23-5	Carbon Tetrachloride	12	U
71-43-2	Benzene	12	U
107-06-2	1,2-Dichloroethane	12	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-177-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579717

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579717A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	12	U
108-87-2	Methylcyclohexane	12	U
78-87-5	1,2-Dichloropropane	12	U
75-27-4	Bromodichloromethane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
79-00-5	1,1,2-Trichloroethane	12	U
127-18-4	Tetrachloroethene	12	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	12	U
106-93-4	1,2-Dibromoethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
1330-20-7	Xylene (Total)	12	U
100-42-5	Styrene	12	U
75-25-2	Bromoform	12	U
98-82-8	Isopropylbenzene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-Chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-177-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579717

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579717A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 15 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579718A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 12 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
75-71-8	Dichlorodifluoromethane	2	J
74-87-3	Chloromethane	11	U
75-01-4	Vinyl Chloride	11	U
74-83-9	Bromomethane	11	U
75-00-3	Chloroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
75-35-4	1,1-Dichloroethene	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
79-20-9	Methyl Acetate	11	U
75-09-2	Methylene Chloride	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
1634-04-4	Methyl-tert-butyl ether	11	U
75-34-3	1,1-Dichloroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
78-93-3	2-Butanone	11	U
67-66-3	Chloroform	11	U
71-55-6	1,1,1-Trichloroethane	11	U
110-82-7	Cyclohexane	11	U
56-23-5	Carbon Tetrachloride	11	U
71-43-2	Benzene	11	U
107-06-2	1,2-Dichloroethane	11	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 5.0(g/mL) G Lab File ID: 579718A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 12 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	11	U
108-87-2	Methylcyclohexane	11	U
78-87-5	1,2-Dichloropropane	11	U
75-27-4	Bromodichloromethane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
79-00-5	1,1,2-Trichloroethane	11	U
127-18-4	Tetrachloroethene	11	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	11	U
106-93-4	1,2-Dibromoethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
1330-20-7	Xylene (Total)	11	U
100-42-5	Styrene	11	U
75-25-2	Bromoform	11	U
98-82-8	Isopropylbenzene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-Chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

NYSDEC SAMPLE NO.

SB-178-4-6

Lab Name: COMPUCHEM Contract: ASP/2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 5.0 (g/mL) G Lab File ID: 579718A52

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. 12 Date Analyzed: 03/02/05

GC Column: EQUITY624 ID: 0.53 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(ul) Soil Aliquot Volume: _____(uL)

Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-1

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579710

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579710A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 35 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	J
108-95-2	Phenol	510	U
111-44-4	bis(2-Chloroethyl)ether	510	U
95-57-8	2-Chlorophenol	510	U
95-48-7	2-Methylphenol	510	U
108-60-1	2,2'-oxybis(1-Chloropropane)	510	U J
98-86-2	Acetophenone	510	U
106-44-5	4-Methylphenol	510	U
621-64-7	N-Nitroso-di-n-propylamine	510	U
67-72-1	Hexachloroethane	510	U
98-95-3	Nitrobenzene	510	U
78-59-1	Isophorone	510	U
88-75-5	2-Nitrophenol	510	U
105-67-9	2,4-Dimethylphenol	510	U
111-91-1	bis(2-Chloroethoxy)methane	510	U
120-83-2	2,4-Dichlorophenol	510	U
91-20-3	Naphthalene	510	U
106-47-8	4-Chloroaniline	510	U J
87-68-3	Hexachlorobutadiene	510	U
105-60-2	Caprolactam	510	U
59-50-7	4-Chloro-3-methylphenol	510	U
91-57-6	2-Methylnaphthalene	510	U
77-47-4	Hexachlorocyclopentadiene	510	U J
88-06-2	2,4,6-Trichlorophenol	510	U
95-95-4	2,4,5-Trichlorophenol	1300	U
92-52-4	1,1'-Biphenyl	510	U
91-58-7	2-Chloronaphthalene	510	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	510	U
606-20-2	2,6-Dinitrotoluene	510	U
208-96-8	Acenaphthylene	510	U
99-09-2	3-Nitroaniline	1300	U J
83-32-9	Acenaphthene	510	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-1

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579710

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579710A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 35 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1300	U
100-02-7	4-Nitrophenol	1300	U
132-64-9	Dibenzofuran	510	U
121-14-2	2,4-Dinitrotoluene	510	U
84-66-2	Diethylphthalate	510	U
86-73-7	Fluorene	510	U
7005-72-3	4-Chlorophenyl-phenylether	510	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	N-nitrosodiphenylamine (1)	510	U
101-55-3	4-Bromophenyl-phenylether	510	U
118-74-1	Hexachlorobenzene	510	U
1912-24-9	Atrazine	510	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	300	J
120-12-7	Anthracene	150	J
86-74-8	Carbazole	510	U
84-74-2	Di-n-butylphthalate	510	U
206-44-0	Fluoranthene	2100	
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	510	U
91-94-1	3,3'-Dichlorobenzidine	510	U
56-55-3	Benzo(a)anthracene	890	
218-01-9	Chrysene	970	
117-81-7	bis(2-Ethylhexyl)phthalate	510	U
117-84-0	Di-n-octylphthalate	510	U
205-99-2	Benzo(b)fluoranthene	610	
207-08-9	Benzo(k)fluoranthene	760	
50-32-8	Benzo(a)pyrene	750	
193-39-5	Indeno(1,2,3-cd)pyrene	440	J
53-70-3	Dibenzo(a,h)anthracene	140	J
191-24-2	Benzo(g,h,i)perylene	380	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-162-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579713

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579713DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 9 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1800	U
108-95-2	Phenol	1800	U
111-44-4	bis(2-Chloroethyl)ether	1800	U
95-57-8	2-Chlorophenol	1800	U
95-48-7	2-Methylphenol	1800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1800	U J
98-86-2	Acetophenone	1800	U
106-44-5	4-Methylphenol	1800	U
621-64-7	N-Nitroso-di-n-propylamine	1800	U
67-72-1	Hexachloroethane	1800	U
98-95-3	Nitrobenzene	1800	U
78-59-1	Isophorone	1800	U
88-75-5	2-Nitrophenol	1800	U
105-67-9	2,4-Dimethylphenol	1800	U J
111-91-1	bis(2-Chloroethoxy)methane	1800	U
120-83-2	2,4-Dichlorophenol	1800	U
91-20-3	Naphthalene	1800	U
106-47-8	4-Chloroaniline	1800	U
87-68-3	Hexachlorobutadiene	1800	U
105-60-2	Caprolactam	1800	U
59-50-7	4-Chloro-3-methylphenol	1800	U
91-57-6	2-Methylnaphthalene	1800	U
77-47-4	Hexachlorocyclopentadiene	1800	U J
88-06-2	2,4,6-Trichlorophenol	1800	U
95-95-4	2,4,5-Trichlorophenol	4600	U
92-52-4	1,1'-Biphenyl	1800	U
91-58-7	2-Chloronaphthalene	1800	U
88-74-4	2-Nitroaniline	4600	U
131-11-3	Dimethylphthalate	1800	U
606-20-2	2,6-Dinitrotoluene	1800	U
208-96-8	Acenaphthylene	1800	U
99-09-2	3-Nitroaniline	4600	U J
83-32-9	Acenaphthene	1800	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-162-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579713

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579713DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 9 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4600	U J
100-02-7	4-Nitrophenol	4600	U
132-64-9	Dibenzofuran	1800	U
121-14-2	2,4-Dinitrotoluene	1800	U
84-66-2	Diethylphthalate	1800	U
86-73-7	Fluorene	1800	U
7005-72-3	4-Chlorophenyl-phenylether	1800	U
100-01-6	4-Nitroaniline	4600	U
534-52-1	4,6-Dinitro-2-methylphenol	4600	U J
86-30-6	N-nitrosodiphenylamine (1)	1800	U
101-55-3	4-Bromophenyl-phenylether	1800	U
118-74-1	Hexachlorobenzene	1800	U
1912-24-9	Atrazine	1800	U
87-86-5	Pentachlorophenol	4600	U J
85-01-8	Phenanthrene	650	J
120-12-7	Anthracene	1800	U
86-74-8	Carbazole	1800	U J
84-74-2	Di-n-butylphthalate	1800	U
206-44-0	Fluoranthene	1300	J
129-00-0	Pyrene	1400	J
85-68-7	Butylbenzylphthalate	1800	U J
91-94-1	3,3'-Dichlorobenzidine	1800	U J
56-55-3	Benzo(a)anthracene	900	J
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)phthalate	1800	U
117-84-0	Di-n-octylphthalate	1800	U
205-99-2	Benzo(b)fluoranthene	1300	J
207-08-9	Benzo(k)fluoranthene	1200	J
50-32-8	Benzo(a)pyrene	1200	J
193-39-5	Indeno(1,2,3-cd)pyrene	800	J
53-70-3	Dibenzo(a,h)anthracene	1800	U
191-24-2	Benzo(g,h,i)perylene	670	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579714A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U J
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U J
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U J
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	980	U J
83-32-9	Acenaphthene	390	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579714A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980	U J
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U J
86-30-6	N-nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	980	U J
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U J
91-94-1	3,3'-Dichlorobenzidine	390	U J
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-164-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579715

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579715A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U J
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U J
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U J
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	410	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-164-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579715

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579715A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U J
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U J
86-30-6	N-nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U J
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U J
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	110	J
129-00-0	Pyrene	100	J
85-68-7	Butylbenzylphthalate	410	U J
91-94-1	3,3'-Dichlorobenzidine	410	U J
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	100	J
207-08-9	Benzo(k)fluoranthene	100	J
50-32-8	Benzo(a)pyrene	120	J
193-39-5	Indeno(1,2,3-cd)pyrene	89	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	87	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579716DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	750	U
108-95-2	Phenol	750	U
111-44-4	bis(2-Chloroethyl)ether	750	U
95-57-8	2-Chlorophenol	750	U
95-48-7	2-Methylphenol	750	U
108-60-1	2,2'-oxybis(1-Chloropropane)	750	U J
98-86-2	Acetophenone	170	J
106-44-5	4-Methylphenol	200	J
621-64-7	N-Nitroso-di-n-propylamine	750	U
67-72-1	Hexachloroethane	750	U
98-95-3	Nitrobenzene	750	U
78-59-1	Isophorone	750	U
88-75-5	2-Nitrophenol	750	U
105-67-9	2,4-Dimethylphenol	750	U J
111-91-1	bis(2-Chloroethoxy)methane	750	U
120-83-2	2,4-Dichlorophenol	750	U
91-20-3	Naphthalene	3800	
106-47-8	4-Chloroaniline	750	U
87-68-3	Hexachlorobutadiene	750	U
105-60-2	Caprolactam	750	U
59-50-7	4-Chloro-3-methylphenol	750	U
91-57-6	2-Methylnaphthalene	2300	
77-47-4	Hexachlorocyclopentadiene	750	U J
88-06-2	2,4,6-Trichlorophenol	750	U
95-95-4	2,4,5-Trichlorophenol	1900	U
92-52-4	1,1'-Biphenyl	620	J
91-58-7	2-Chloronaphthalene	750	U
88-74-4	2-Nitroaniline	1900	U
131-11-3	Dimethylphthalate	750	U
606-20-2	2,6-Dinitrotoluene	750	U
208-96-8	Acenaphthylene	1500	
99-09-2	3-Nitroaniline	1900	U J
83-32-9	Acenaphthene	4300	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579716DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1900	U J
100-02-7	4-Nitrophenol	1900	U
132-64-9	Dibenzofuran	4000	
121-14-2	2,4-Dinitrotoluene	750	U
84-66-2	Diethylphthalate	750	U
86-73-7	Fluorene	5200	
7005-72-3	4-Chlorophenyl-phenylether	750	U
100-01-6	4-Nitroaniline	1900	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U J
86-30-6	N-nitrosodiphenylamine (1)	750	U
101-55-3	4-Bromophenyl-phenylether	750	U
118-74-1	Hexachlorobenzene	750	U
1912-24-9	Atrazine	750	U
87-86-5	Pentachlorophenol	1900	U J
85-01-8	Phenanthrene	~~35000~~ 43000	E D
120-12-7	Anthracene	11000	
86-74-8	Carbazole	7500	J
84-74-2	Di-n-butylphthalate	750	U
206-44-0	Fluoranthene	~~29000~~ 34000	E D
129-00-0	Pyrene	~~27000~~ 31000	E D
85-68-7	Butylbenzylphthalate	750	U J
91-94-1	3,3'-Dichlorobenzidine	750	U J
56-55-3	Benzo(a)anthracene	~~14000~~ 16000	E D
218-01-9	Chrysene	14000	E D
117-81-7	bis(2-Ethylhexyl)phthalate	750	U
117-84-0	Di-n-octylphthalate	750	U
205-99-2	Benzo(b)fluoranthene	~~13000~~ 11000	E D
207-08-9	Benzo(k)fluoranthene	8800	
50-32-8	Benzo(a)pyrene	~~12000~~ 7400	E D
193-39-5	Indeno(1,2,3-cd)pyrene	5300	
53-70-3	Dibenzo(a,h)anthracene	1900	
191-24-2	Benzo(g,h,i)perylene	4100	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579716D2A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	3800	U
108-95-2	Phenol	3800	U
111-44-4	bis(2-Chloroethyl)ether	3800	U
95-57-8	2-Chlorophenol	3800	U
95-48-7	2-Methylphenol	3800	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3800	U
98-86-2	Acetophenone	3800	U
106-44-5	4-Methylphenol	3800	U
621-64-7	N-Nitroso-di-n-propylamine	3800	U
67-72-1	Hexachloroethane	3800	U
98-95-3	Nitrobenzene	3800	U
78-59-1	Isophorone	3800	U
88-75-5	2-Nitrophenol	3800	U
105-67-9	2,4-Dimethylphenol	3800	U
111-91-1	bis(2-Chloroethoxy)methane	3800	U
120-83-2	2,4-Dichlorophenol	3800	U
91-20-3	Naphthalene	4200	D
106-47-8	4-Chloroaniline	3800	U
87-68-3	Hexachlorobutadiene	3800	U
105-60-2	Caprolactam	3800	U
59-50-7	4-Chloro-3-methylphenol	3800	U
91-57-6	2-Methylnaphthalene	2500	DJ
77-47-4	Hexachlorocyclopentadiene	3800	U
88-06-2	2,4,6-Trichlorophenol	3800	U
95-95-4	2,4,5-Trichlorophenol	9400	U
92-52-4	1,1'-Biphenyl	3800	U
91-58-7	2-Chloronaphthalene	3800	U
88-74-4	2-Nitroaniline	9400	U
131-11-3	Dimethylphthalate	3800	U
606-20-2	2,6-Dinitrotoluene	3800	U
208-96-8	Acenaphthylene	1800	DJ
99-09-2	3-Nitroaniline	9400	U
83-32-9	Acenaphthene	4600	D

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579716D2A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9400	U
100-02-7	4-Nitrophenol	9400	U
132-64-9	Dibenzofuran	4400	D
121-14-2	2,4-Dinitrotoluene	3800	U
84-66-2	Diethylphthalate	3800	U
86-73-7	Fluorene	5700	D
7005-72-3	4-Chlorophenyl-phenylether	3800	U
100-01-6	4-Nitroaniline	9400	U
534-52-1	4,6-Dinitro-2-methylphenol	9400	U
86-30-6	N-nitrosodiphenylamine (1)	3800	U
101-55-3	4-Bromophenyl-phenylether	3800	U
118-74-1	Hexachlorobenzene	3800	U
1912-24-9	Atrazine	3800	U
87-86-5	Pentachlorophenol	9400	U
85-01-8	Phenanthrene	42000	D
120-12-7	Anthracene	12000	D
86-74-8	Carbazole	8300	D
84-74-2	Di-n-butylphthalate	3800	U
206-44-0	Fluoranthene	34000	D
129-00-0	Pyrene	31000	D
85-68-7	Butylbenzylphthalate	3800	U
91-94-1	3,3'-Dichlorobenzidine	3800	U
56-55-3	Benzo(a)anthracene	15000	D
218-01-9	Chrysene	15000	D
117-81-7	bis(2-Ethylhexyl)phthalate	3800	U
117-84-0	Di-n-octylphthalate	3800	U
205-99-2	Benzo(b)fluoranthene	11000	D
207-08-9	Benzo(k)fluoranthene	11000	D
50-32-8	Benzo(a)pyrene	13000	D
193-39-5	Indeno(1,2,3-cd)pyrene	6000	D
53-70-3	Dibenzo(a,h)anthracene	1600	DJ
191-24-2	Benzo(g,h,i)perylene	4300	D

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-166-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579706

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579706A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U J
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U J
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U J
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	410	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-166-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579706

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579706A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U J
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U J
86-30-6	N-nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U J
85-01-8	Phenanthrene	410	U
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	410	U
129-00-0	Pyrene	410	U
85-68-7	Butylbenzylphthalate	410	U J
91-94-1	3,3'-Dichlorobenzidine	410	U J
56-55-3	Benzo(a)anthracene	410	U
218-01-9	Chrysene	410	U
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	410	U
207-08-9	Benzo(k)fluoranthene	410	U
50-32-8	Benzo(a)pyrene	410	U
193-39-5	Indeno(1,2,3-cd)pyrene	410	U
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	410	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-167-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579711

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579711A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U J
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U J
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	270	J
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	120	J
77-47-4	Hexachlorocyclopentadiene	410	U J
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	400	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-167-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579711

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579711A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U J
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	250	J
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	370	J
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U J
86-30-6	N-nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U J
85-01-8	Phenanthrene	3000	
120-12-7	Anthracene	720	
86-74-8	Carbazole	740	J
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	2300	
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	410	U J
91-94-1	3,3'-Dichlorobenzidine	410	U J
56-55-3	Benzo(a)anthracene	790	
218-01-9	Chrysene	850	
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	640	
207-08-9	Benzo(k)fluoranthene	700	
50-32-8	Benzo(a)pyrene	820	
193-39-5	Indeno(1,2,3-cd)pyrene	590	
53-70-3	Dibenzo(a,h)anthracene	130	J
191-24-2	Benzo(g,h,i)perylene	520	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579712DA74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ___ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
95-48-7	2-Methylphenol	1200	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1200	U J
98-86-2	Acetophenone	1200	U
106-44-5	4-Methylphenol	290	J
621-64-7	N-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U J
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
91-20-3	Naphthalene	3100	
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
105-60-2	Caprolactam	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1500	
77-47-4	Hexachlorocyclopentadiene	1200	U J
88-06-2	2,4,6-Trichlorophenol	1200	U
95-95-4	2,4,5-Trichlorophenol	3100	U
92-52-4	1,1'-Biphenyl	410	J
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	3100	U
131-11-3	Dimethylphthalate	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
208-96-8	Acenaphthylene	1200	J
99-09-2	3-Nitroaniline	3100	U J
83-32-9	Acenaphthene	3900	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579712DA74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	3100	U J
100-02-7	4-Nitrophenol	3100	U
132-64-9	Dibenzofuran	3200	
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	4300	
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	3100	U
534-52-1	4,6-Dinitro-2-methylphenol	3100	U J
86-30-6	N-nitrosodiphenylamine (1)	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
1912-24-9	Atrazine	1200	U
87-86-5	Pentachlorophenol	3100	U J
85-01-8	Phenanthrene	~~36000~~	E D
120-12-7	Anthracene	10000	
86-74-8	Carbazole	8300	J
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	~~34000~~	E D
129-00-0	Pyrene	~~28000~~	E D
85-68-7	Butylbenzylphthalate	1200	U J
91-94-1	3,3'-Dichlorobenzidine	1200	U J
56-55-3	Benzo(a)anthracene	14000	
218-01-9	Chrysene	14000	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo(b)fluoranthene	12000	
207-08-9	Benzo(k)fluoranthene	10000	
50-32-8	Benzo(a)pyrene	13000	
193-39-5	Indeno(1,2,3-cd)pyrene	7600	
53-70-3	Dibenzo(a,h)anthracene	2000	
191-24-2	Benzo(g,h,i)perylene	6100	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579712D2A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 9.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	3700	U
108-95-2	Phenol	3700	U
111-44-4	bis(2-Chloroethyl)ether	3700	U
95-57-8	2-Chlorophenol	3700	U
95-48-7	2-Methylphenol	3700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	3700	U
98-86-2	Acetophenone	3700	U
106-44-5	4-Methylphenol	3700	U
621-64-7	N-Nitroso-di-n-propylamine	3700	U
67-72-1	Hexachloroethane	3700	U
98-95-3	Nitrobenzene	3700	U
78-59-1	Isophorone	3700	U
88-75-5	2-Nitrophenol	3700	U
105-67-9	2,4-Dimethylphenol	3700	U
111-91-1	bis(2-Chloroethoxy)methane	3700	U
120-83-2	2,4-Dichlorophenol	3700	U
91-20-3	Naphthalene	2900	DJ
106-47-8	4-Chloroaniline	3700	U
87-68-3	Hexachlorobutadiene	3700	U
105-60-2	Caprolactam	3700	U
59-50-7	4-Chloro-3-methylphenol	3700	U
91-57-6	2-Methylnaphthalene	1300	DJ
77-47-4	Hexachlorocyclopentadiene	3700	U
88-06-2	2,4,6-Trichlorophenol	3700	U
95-95-4	2,4,5-Trichlorophenol	9200	U
92-52-4	1,1'-Biphenyl	3700	U
91-58-7	2-Chloronaphthalene	3700	U
88-74-4	2-Nitroaniline	9200	U
131-11-3	Dimethylphthalate	3700	U
606-20-2	2,6-Dinitrotoluene	3700	U
208-96-8	Acenaphthylene	1100	DJ
99-09-2	3-Nitroaniline	9200	U
83-32-9	Acenaphthene	3600	DJ

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579712D2A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 9.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	9200	U
100-02-7	4-Nitrophenol	9200	U
132-64-9	Dibenzofuran	3000	DJ
121-14-2	2,4-Dinitrotoluene	3700	U
84-66-2	Diethylphthalate	3700	U
86-73-7	Fluorene	3800	D
7005-72-3	4-Chlorophenyl-phenylether	3700	U
100-01-6	4-Nitroaniline	9200	U
534-52-1	4,6-Dinitro-2-methylphenol	9200	U
86-30-6	N-nitrosodiphenylamine (1)	3700	U
101-55-3	4-Bromophenyl-phenylether	3700	U
118-74-1	Hexachlorobenzene	3700	U
1912-24-9	Atrazine	3700	U
87-86-5	Pentachlorophenol	9200	U
85-01-8	Phenanthrene	32000	D
120-12-7	Anthracene	9000	D
86-74-8	Carbazole	7600	D
84-74-2	Di-n-butylphthalate	3700	U
206-44-0	Fluoranthene	30000	D
129-00-0	Pyrene	25000	D
85-68-7	Butylbenzylphthalate	3700	U
91-94-1	3,3'-Dichlorobenzidine	3700	U
56-55-3	Benzo(a)anthracene	13000	D
218-01-9	Chrysene	12000	D
117-81-7	bis(2-Ethylhexyl)phthalate	3700	U
117-84-0	Di-n-octylphthalate	3700	U
205-99-2	Benzo(b)fluoranthene	10000	D
207-08-9	Benzo(k)fluoranthene	11000	D
50-32-8	Benzo(a)pyrene	12000	D
193-39-5	Indeno(1,2,3-cd)pyrene	5500	D
53-70-3	Dibenzo(a,h)anthracene	1500	DJ
191-24-2	Benzo(g,h,i)perylene	3900	D

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-169-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579702

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579702A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U J
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U J
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U J
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	410	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-169-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579702

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579702A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	330	J
120-12-7	Anthracene	410	U
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	360	J
129-00-0	Pyrene	480	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	140	J
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	230	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	230	J
193-39-5	Indeno(1,2,3-cd)pyrene	220	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	280	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-170-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579709

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579709A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U J
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U J
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U J
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	980	U J
83-32-9	Acenaphthene	390	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-170-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579709

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579709A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980	U J
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U J
86-30-6	N-nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	980	U J
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U J
91-94-1	3,3'-Dichlorobenzidine	390	U J
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-171-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579708

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579708A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U J
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U J
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U J
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	410	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-171-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579708

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579708A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 19 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U J
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U J
86-30-6	N-nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U J
85-01-8	Phenanthrene	470	
120-12-7	Anthracene	130	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	540	
129-00-0	Pyrene	490	
85-68-7	Butylbenzylphthalate	410	U J
91-94-1	3,3'-Dichlorobenzidine	410	U J
56-55-3	Benzo(a)anthracene	270	J
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	250	J
207-08-9	Benzo(k)fluoranthene	270	J
50-32-8	Benzo(a)pyrene	290	J
193-39-5	Indeno(1,2,3-cd)pyrene	220	J
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	200	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-172-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579707

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579707DA74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 40 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1700	U
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)ether	1700	U
95-57-8	2-Chlorophenol	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1700	U J
98-86-2	Acetophenone	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U J
87-68-3	Hexachlorobutadiene	1700	U
105-60-2	Caprolactam	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U J
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	4200	U
92-52-4	1,1'-Biphenyl	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	4200	U
131-11-3	Dimethylphthalate	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
208-96-8	Acenaphthylene	1700	U
99-09-2	3-Nitroaniline	4200	U J
83-32-9	Acenaphthene	1700	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-172-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579707

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579707DA74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 40 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4200	U
100-02-7	4-Nitrophenol	4200	U
132-64-9	Dibenzofuran	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
86-73-7	Fluorene	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
100-01-6	4-Nitroaniline	4200	U
534-52-1	4,6-Dinitro-2-methylphenol	4200	U
86-30-6	N-nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
1912-24-9	Atrazine	1700	U
87-86-5	Pentachlorophenol	4200	U
85-01-8	Phenanthrene	1000	J
120-12-7	Anthracene	750	J
86-74-8	Carbazole	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	11000	
129-00-0	Pyrene	12000	
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)anthracene	7200	
218-01-9	Chrysene	7300	
117-81-7	bis(2-Ethylhexyl)phthalate	1700	U
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	5800	
207-08-9	Benzo(k)fluoranthene	6300	
50-32-8	Benzo(a)pyrene	7000	
193-39-5	Indeno(1,2,3-cd)pyrene	4600	
53-70-3	Dibenzo(a,h)anthracene	1200	J
191-24-2	Benzo(g,h,i)perylene	3500	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-173-5-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579705

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579705A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	420	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U J
98-86-2	Acetophenone	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U J
87-68-3	Hexachlorobutadiene	420	U
105-60-2	Caprolactam	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U J
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	420	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	420	U
606-20-2	2,6-Dinitrotoluene	420	U
208-96-8	Acenaphthylene	420	U
99-09-2	3-Nitroaniline	1100	U J
83-32-9	Acenaphthene	420	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-173-5-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579705

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579705A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
86-73-7	Fluorene	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	420	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	93	J
120-12-7	Anthracene	420	U
86-74-8	Carbazole	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	170	J
129-00-0	Pyrene	160	J
85-68-7	Butylbenzylphthalate	420	U
91-94-1	3,3'-Dichlorobenzidine	420	U
56-55-3	Benzo(a)anthracene	98	J
218-01-9	Chrysene	110	J
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	99	J
207-08-9	Benzo(k)fluoranthene	110	J
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	86	J
53-70-3	Dibenzo(a,h)anthracene	420	U
191-24-2	Benzo(g,h,i)perylene	89	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-174-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579704

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579704A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	420	U
108-95-2	Phenol	420	U
111-44-4	bis(2-Chloroethyl)ether	420	U
95-57-8	2-Chlorophenol	420	U
95-48-7	2-Methylphenol	420	U
108-60-1	2,2'-oxybis(1-Chloropropane)	420	U J
98-86-2	Acetophenone	420	U
106-44-5	4-Methylphenol	420	U
621-64-7	N-Nitroso-di-n-propylamine	420	U
67-72-1	Hexachloroethane	420	U
98-95-3	Nitrobenzene	420	U
78-59-1	Isophorone	420	U
88-75-5	2-Nitrophenol	420	U
105-67-9	2,4-Dimethylphenol	420	U
111-91-1	bis(2-Chloroethoxy)methane	420	U
120-83-2	2,4-Dichlorophenol	420	U
91-20-3	Naphthalene	420	U
106-47-8	4-Chloroaniline	420	U J
87-68-3	Hexachlorobutadiene	420	U
105-60-2	Caprolactam	420	U
59-50-7	4-Chloro-3-methylphenol	420	U
91-57-6	2-Methylnaphthalene	420	U
77-47-4	Hexachlorocyclopentadiene	420	U J
88-06-2	2,4,6-Trichlorophenol	420	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	420	U
91-58-7	2-Chloronaphthalene	420	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	420	U
606-20-2	2,6-Dinitrotoluene	420	U
208-96-8	Acenaphthylene	120	J
99-09-2	3-Nitroaniline	1100	U J
83-32-9	Acenaphthene	420	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-174-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579704

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579704A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 21 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U J
100-02-7	4-Nitrophenol	1100	U J
132-64-9	Dibenzofuran	420	U
121-14-2	2,4-Dinitrotoluene	420	U
84-66-2	Diethylphthalate	420	U
86-73-7	Fluorene	420	U
7005-72-3	4-Chlorophenyl-phenylether	420	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U J
86-30-6	N-nitrosodiphenylamine (1)	420	U
101-55-3	4-Bromophenyl-phenylether	420	U
118-74-1	Hexachlorobenzene	420	U
1912-24-9	Atrazine	420	U
87-86-5	Pentachlorophenol	1100	U J
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	140	J
86-74-8	Carbazole	420	U
84-74-2	Di-n-butylphthalate	420	U
206-44-0	Fluoranthene	1300	
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	420	U J
91-94-1	3,3'-Dichlorobenzidine	420	U J
56-55-3	Benzo(a)anthracene	660	
218-01-9	Chrysene	680	
117-81-7	bis(2-Ethylhexyl)phthalate	420	U
117-84-0	Di-n-octylphthalate	420	U
205-99-2	Benzo(b)fluoranthene	580	
207-08-9	Benzo(k)fluoranthene	670	
50-32-8	Benzo(a)pyrene	690	
193-39-5	Indeno(1,2,3-cd)pyrene	530	
53-70-3	Dibenzo(a,h)anthracene	150	J
191-24-2	Benzo(g,h,i)perylene	430	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-175-7-8

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579703

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579703A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U J
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U J
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U J
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U J
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-175-7-8

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579703

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579703A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U J
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U J
86-30-6	N-nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U J
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-176-2-4

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579701

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579701A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 14 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U J
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U J
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U J
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U J
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-176-2-4

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579701

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579701A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 14 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U J
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U J
86-30-6	N-nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	970	U J
85-01-8	Phenanthrene	700	
120-12-7	Anthracene	130	J
86-74-8	Carbazole	82	J
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	1000	
129-00-0	Pyrene	1000	
85-68-7	Butylbenzylphthalate	380	U J
91-94-1	3,3'-Dichlorobenzidine	380	U J
56-55-3	Benzo(a)anthracene	460	
218-01-9	Chrysene	590	
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	500	
207-08-9	Benzo(k)fluoranthene	530	
50-32-8	Benzo(a)pyrene	560	
193-39-5	Indeno(1,2,3-cd)pyrene	480	
53-70-3	Dibenzo(a,h)anthracene	110	J
191-24-2	Benzo(g,h,i)perylene	460	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-177-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579717

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579717A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	100	J
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	81	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	400	
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-177-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579717

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579717A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	810	
86-74-8	Carbazole	240	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	5900	
129-00-0	Pyrene	6300	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	3300	
218-01-9	Chrysene	3400	
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	4700	
207-08-9	Benzo(k)fluoranthene	3100	
50-32-8	Benzo(a)pyrene	4000	
193-39-5	Indeno(1,2,3-cd)pyrene	2900	
53-70-3	Dibenzo(a,h)anthracene	720	
191-24-2	Benzo(g,h,i)perylene	2500	

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579718JA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	86	J
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579718JA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	310	J
120-12-7	Anthracene	77	J
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	630	
129-00-0	Pyrene	970	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	330	J
218-01-9	Chrysene	490	
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	630	
207-08-9	Benzo(k)fluoranthene	580	
50-32-8	Benzo(a)pyrene	490	
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	170	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579718DJA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
95-48-7	2-Methylphenol	1100	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1100	U J
98-86-2	Acetophenone	1100	U
106-44-5	4-Methylphenol	1100	U
621-64-7	N-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U J
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
105-60-2	Caprolactam	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U J
88-06-2	2,4,6-Trichlorophenol	1100	U
95-95-4	2,4,5-Trichlorophenol	2800	U
92-52-4	1,1'-Biphenyl	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	2800	U
131-11-3	Dimethylphthalate	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
208-96-8	Acenaphthylene	1100	U
99-09-2	3-Nitroaniline	2800	U J
83-32-9	Acenaphthene	1100	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579718DJA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/24/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 3.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	2800	U
100-02-7	4-Nitrophenol	2800	U
132-64-9	Dibenzofuran	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	2800	U
534-52-1	4,6-Dinitro-2-methylphenol	2800	U
86-30-6	N-nitrosodiphenylamine (1)	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
1912-24-9	Atrazine	1100	U
87-86-5	Pentachlorophenol	2800	U
85-01-8	Phenanthrene	330	DJ
120-12-7	Anthracene	1100	U
86-74-8	Carbazole	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	710	DJ
129-00-0	Pyrene	770	DJ
85-68-7	Butylbenzylphthalate	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
56-55-3	Benzo(a)anthracene	330	DJ
218-01-9	Chrysene	510	DJ
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo(b)fluoranthene	540	DJ
207-08-9	Benzo(k)fluoranthene	590	DJ
50-32-8	Benzo(a)pyrene	490	DJ
193-39-5	Indeno(1,2,3-cd)pyrene	240	DJ
53-70-3	Dibenzo(a,h)anthracene	1100	U
191-24-2	Benzo(g,h,i)perylene	1100	U

(1) - Cannot be separated from Diphenylamine

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-1

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579710

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 35 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	51	U
11104-28-2	Aroclor-1221	100	U
11141-16-5	Aroclor-1232	51	U
53469-21-9	Aroclor-1242	51	U
12672-29-6	Aroclor-1248	51	U
11097-69-1	Aroclor-1254	51	U
11096-82-5	Aroclor-1260	51	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-162-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579713

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 9 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	U
11096-82-5	Aroclor-1260	330	

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-163-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579714

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 15 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-164-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579715

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 20 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-165-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579716

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 12 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-166-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579706

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 20 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-167-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579711

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 20 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-168-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579712

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 19 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-169-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579702

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 20 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	64	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-170-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579709

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 15 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-171-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579708

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 19 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	83	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-172-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579707

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 40 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	55	U
11104-28-2	Aroclor-1221	110	U
11141-16-5	Aroclor-1232	55	U
53469-21-9	Aroclor-1242	55	U
12672-29-6	Aroclor-1248	55	U
11097-69-1	Aroclor-1254	55	U
11096-82-5	Aroclor-1260	55	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-173-5-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579705

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 21 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-174-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579704

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 21 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	85	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-175-7-8

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579703

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 12 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-176-2-4

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579701

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 14 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/25/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GP C Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-177-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579717

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 15 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SB-178-4-6

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5797

Matrix: (soil/water) SOIL Lab Sample ID: 579718

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 12 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/24/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/26/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	42	

Laboratory Narrative

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG # 5797
PROTOCOL: NYASP 6/2000

SAMPLE IDENTIFICATIONS:

DUP-1	SB-165-4-6	SB-169-4-6	SB-173-5-6	SB-177-4-6
SB-162-4-6	SB-166-4-6	SB-170-4-6	SB-174-4-6	SB-178-4-6
SB-163-4-6	SB-167-4-6	SB-171-4-6	SB-175-7-8	
SB-164-4-6	SB-168-4-6	SB-172-4-6	SB-176-2-4	

The 18 soil samples listed above were received intact, properly refrigerated, with proper documentation, in sealed shipping container, on February 23 through 24, 2005. The samples were scheduled for the requested analyses of the PCB fraction. The samples were prepared and analyzed using the NYASP2000 methodology, with the exceptions and/or additions requested by the client. The percent moisture value of these soil samples ranged from 12 to 40. All pertinent Quality Assurance notices are included in the narrative section and all pertinent Laboratory notices for SDG # 5797 are included in the sample data sections.

PCBs

Extraction and analysis holding time requirements were met for these samples.

Aroclor-1260 was confirmed by dual column analysis above the Quantitation Limit (QL) in samples SB-162-4-6, SB-169-4-6 and SB-178-4-6.

Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All QC criteria were met for all initial and continuing calibration standards associated to this SDG.

All of the surrogates met recovery and retention time criteria in the analyses of these samples except for samples SB-168-4-6 and SB-165-4-6. The surrogate DCB did not meet recovery criteria on the CLPEST column in sample SB-168-4-6. The surrogates TCX and DCB did not meet recovery criteria on the CLPEST and CLPEST2 columns in sample SB-165-4-6

The associated method blank met all quality control criteria.

Sample SB-174-4-6 was used as the original to prepare the duplicate matrix spikes as requested. The associated duplicate matrix spikes met all accuracy and precision criteria.

The associated Laboratory Control Sample (LCS) prepared and analyzed along with these samples met all accuracy.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Elsie S. Byrd
Senior Scientist I
March 1, 2005

CompuChem

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501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #5797
PROTOCOL: SW-846 8270C

SAMPLE IDENTIFICATIONS: DUP-1, SB-162-4-6, SB-163-4-6, SB-164-4-6, SB-165-4-6, SB-166-4-6, SB-167-4-6, SB-168-4-6, SB-169-4-6, SB-170-4-6, SB-171-4-6, SB-172-4-6, SB-173-5-6, SB-174-4-6, SB-175-7-8, SB-176-2-4, SB-177-4-6, SB-178-4-6

The 18 soil samples listed above were scheduled for the requested analyses of the GC/MS Semivolatiles fraction. SW-846, 3rd Edition, Update 3, Sonication extraction (Method 3550B) and Method 8270C were used to prepare and analyze these samples, with the exceptions and/or additions requested by the client. All pertinent Quality Assurance notices are included in the narrative section and all pertinent Laboratory notices for SDG #5797 are included in the sample data section.

GC/MS Semivolatiles

Extraction and analysis holding time requirements were met for all of these samples.

There were various target analytes identified above the Quantitation Limit (QL) in 11 of the samples. SB-162-4-6, SB-165-4-6, SB-168-4-6 and SB-172-4-6 were initially analyzed at dilutions ranging from 2x to 5x due to the dark coloration and viscosity of the extracts. In the initial analysis of SB-165-4-6 and SB-168-4-6, the on-column amounts of various target analytes exceeded the instrument's calibration limits. The samples were reanalyzed at dilutions of 10x and 9x respectively to bring the on-column amounts into calibration range. We have reported both analyses of these samples.

Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All decafluorotriphenylphosphine (DFTPP) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration verification standards (CCVs) associated to this SDG.

All of the surrogates met recovery criteria in the analyses of these samples. All of the internal standards met response and retention time criteria in the analyses of these samples with the exception of Chrysene-d12 and Perylene-d12 in SB-178-4-6. This sample was re-analyzed at a 3x dilution and Perylene-d12 still had a low response. We have attributed the failing internal standard responses to the particular matrix of the sample, and have reported both analyses of SB-178-4-6.

The associated method blanks met all quality control criteria.

Sample SB-174-4-6 was used as the original to prepare the duplicate matrix spikes (MS/MSD) as requested. The associated duplicate matrix spikes met all recovery and precision criteria with the exception of recovery for 3-Nitroaniline and 3,3'-Dichlorobenzidine in both the MS and MSD.

The associated Matrix Blank Spike (LCS) met all recovery criteria with the exception of recovery for 3-Nitroaniline and 3,3'-Dichlorobenzidine.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kerry S. Hinshaw
Organic Senior Scientist
March 1, 2005

CompuChem

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501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE

SDG # 5797

SAMPLE IDENTIFICATIONS: SB-176-2-4, SB-169-4-6, SB-175-7-8, SB-174-4-6, SB-173-5-6, SB-166-4-6, SB-172-4-6, SB-171-4-6, SB-170-4-6, DUP-1, SB-167-4-6, SB-168-4-6, SB-162-4-6, SB-163-4-6, SB-164-4-6, SB-165-4-6, SB-177-4-6, SB-178-4-6

The 18 soil samples listed above were received intact, refrigerated at a temperature of 2.0 – 3.2°C, with proper documentation, in sealed shipping containers, on February 23 - 24, 2005. The samples were scheduled for the requested analyses of the volatile fraction. The samples were prepared and analyzed following the current NYSASP Statement of Work (SOW). The percent moistures ranged from 9 – 40 per cent. All pertinent Quality Assurance Notices are included in the narrative section, and all pertinent Laboratory Notices for SDG 5797 are included in the sample data sections.

Analysis holding time requirements were met for all of these samples. Target Compound List (TCL) analytes were identified above the Contract Required Quantitation Limit (CRQL). Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

In the intitial analysis of SB-163-4-6 an Internal Standard (IS) and Surrogate (SMC) did not meet acceptable recovery criteria. SB-163-4-6 was reanalysed at 5 grams with similar results attained. We have attributed this to the matrix of the solid and have reported both sets analyses.

All bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG. All of the system monitoring compounds not previously mentioned met recovery criteria in the analyses of these samples. All of the internal standards not previously mentioned met response and retention time criteria in the analyses of these samples. The associated method blanks met all quality control criteria. The matrix spike and duplicate were performed on SB-174-4-6.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Andrew J. Walker
Senior Scientist
March 3, 2005

Sample Compliance Report

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	ASP Protocol	Sample ID	Matrix	Compliancy[1]				Noncompliance
					VOC	SVOC	PCB	TAL	
5797	2/22/05	2000	DUP-1	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/23/05	2000	SB-162 (4-6)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB - calibration
5797	2/23/05	2000	SB-163 (4-6)	Soil	No	No	No	--	VOC – internal standard, surrogate SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/23/05	2000	SB-164 (4-6)	Soil	No	No	No	--	VOC – ccal SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/23/05	2000	SB-165 (4-6)	Soil	Yes	No	No	--	PCB – surrogate[2], calibration SVOC - , ical, ccal, lcs[2]
5797	2/22/05	2000	SB-166 (4-6)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB - calibration
5797	2/22/05	2000	SB-167 (4-6)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/22/05	2000	SB-168 (4-6)	Soil	Yes	No	No	--	PCB – surrogate[2], calibration SVOC - , ical, ccal, lcs[2]
5797	2/22/05	2000	SB-169 (4-6)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB - calibration
5797	2/22/05	2000	SB-170 (4-6)	Soil	No	No	No	--	VOC – ccal SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/22/05	2000	SB-171 (4-6)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/22/05	2000	SB-172 (4-6)	Soil	Yes	No	No	--	SVOC - , ical, cca, lcs[2] PCB – calibration
5797	2/22/05	2000	SB-173 (5-6)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/22/05	2000	SB-174 (4-6)	Soil	No	No	No	--	VOC – ms[2] SVOC – ical, ccal, lcs[2],ms[2] PCB – calibration
5797	2/22/05	2000	SB-175 (7-8)	Soil	Yes	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/22/05	2000	SB-176 (2-4)	Soil	Yes	No	No	--	SVOC - , ical, ccal PCB – calibration
5797	2/23/05	2000	SB-177 (4-6)	Soil	No	No	No	--	VOC – ccal SVOC - , ical, ccal, lcs[2] PCB – calibration
5797	2/23/05	2000	SB-178 (4-6)	Soil	No	–	No	--	VOC – ccal PCB – calibration

Sample Delivery Group	Sampling Date	ASP Protocol	Sample ID	Matrix	Compliancy[1]				Noncompliance
					VOC	SVOC	PCB	TAL	
5797	2/23/05	2000	SB-178 (4-6)DL	Soil	No	No	No	--	SVOC – internal standard, ical, ccal, lcs[2] PCB – calibration

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

2 The deviation resulted in no qualification of data.

DATA USABILITY SUMMARY REPORT

NIAGARA MOHAWK
NORTH ALBANY SERVICE CENTER

SDG# 5798

SEMIVOLATILES AND PCB ANALYSES

Analyses performed by:

CompuChem
Cary, North Carolina

Review performed by:

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Blasland, Bouck & Lee, Inc.
Syracuse, New York

Summary

The following is an assessment of the data package for SDG# 5798 for sampling at the Niagara Mohawk-North Albany Service Center. Included with this assessment are the data review check sheets used in the review of the package and corrected sample results. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOA	SVOC	PCB	TAL	TOC
DUP-SS-1[1]	579810	Soil	2/22/05		x	x		
SS-162	579813	Soil	2/23/05		x	x		
SS-163	579814	Soil	2/23/05		x	x		
SS-164	579815	Soil	2/23/05		x	x		
SS-165	579816	Soil	2/23/05		x	x		
SS-166	579806	Soil	2/22/05		x	x		
SS-167	579811	Soil	2/22/05		x	x		
SS-168	579812	Soil	2/22/05		x	x		
SS-169	579802	Soil	2/22/05		x	x		
SB-170	579809	Soil	2/22/05		x	x		
SS-171	579808	Soil	2/22/05		x	x		
SS-172[2]	579807	Soil	2/22/05		x	x		
SS-173	579805	Soil	2/22/05		x	x		
SS-174	579804	Soil	2/22/05		x	x		
SS-175	579803	Soil	2/22/05		x	x		
SS-176	579801	Soil	2/22/05		x	x		
SS-177	579817	Soil	2/23/05		x	x		
SS-178	579818	Soil	2/23/05		x	x		

1 Field duplicate of sample SS-175
2 MS/MSD analysis performed on sample.

SEMIVOLATILE ANALYSES

Introduction

Analyses were performed according to EPA SW-846 Method 8270 as referenced in the NYSDEC-ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

- ND The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- J The associated numerical value is an estimated concentration only.
- B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
- JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
- E The compound was quantitated above the calibration range.
- D Concentration is based on a diluted sample analysis.
- R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding times for semivolatile analysis under NYSASP are 5 days from sample receipt to extraction and 40 days to analysis. The technical holding times for soils is 14 days from sample collection to extraction and 40 days to analysis.

All samples were extracted and analyzed within the technical holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, field, and rinse blanks) are prepared to identify any contamination which may have been introduced in to the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure contamination of samples during field operations.

No compounds were detected in the method blank.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) limits for select compounds only and allows four outliers. A technical review of the data applies limits to all compounds with no exceptions.

The %RSD were within control limits for all compounds with the exception of 3,3'-dichlorobenzidine. Data for the listed compound were qualified as estimated based on the deviation.

4.2 Continuing Calibration

The method specifies percent drift (%D) criteria for select compounds only. A technical review applies limits to all compounds with no exceptions.

The continuing calibration standards exhibited a high %D for several compounds. Based on the deviations, data were qualified as estimated for 2,2-oxybis(1-chloropropane), 2,4-dimethylphenol, hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol and carbazole in samples SS-174, SS-166, SS-172, SS-171, SS-170, SS-167, SS-168, SS-162, SS-163, SS-165, SS-178 and DUP-SS-1, benzaldehyde, bis(2-chloroethyl)ether, 2,2-oxybis(1-chloropropane), 2,4-dimethylphenol, hexachlorocyclopentadiene, 3-nitroaniline, 2,4-

dinitrophenol and 4,6-dinitro-2-methylphenol in samples SS-176, SS-169, SS-175 and SS-173, and 2,2-oxybis(1-chloropropane), 2,4-dimethylphenol, hexachlorocyclopentadiene, 3-nitroaniline, 2,4-dinitrophenol, 4-nitrophenol, 4-nitroaniline, 4,6-dinitro-2-methylphenol, butylbenzylphthalate, 3,3'-dichlorobenzidine and bis(2-ethylhexyl)phthalate in samples SS-164 and SS-177.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every experimental run.

All internal standard responses and retention times were within control limits.

7. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

Data exceeded the linear range for bis(2-ethylhexyl)phthalate in sample SB-165. Data for the listed compound was replaced with data from the dilution analyses in the associated sample. All other identified compounds met the specified criteria.

8. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD data are used to assess the precision and accuracy of the analytical method.

The MS and MSD recoveries were above the control limit for 3-nitroaniline, carbazole and 3,3'-dichlorobenzidine and the MS recovery for 2,4-dinitrophenol was below 10%. Since data for 3-nitroaniline, carbazole and 3,3'-dichlorobenzidine were non-detect in the associated sample no data were qualified based on those deviations, however, data for 2,4-dinitrophenol were rejected based on the low recoveries.

9. Matrix Spike Blank

The matrix spike blank recoveries were above the control limit for several compounds. Since all data for deviant compounds were non-detect, no data were qualified based on the deviations.

10. Field Duplicate

Results for duplicate samples are summarized below:

Sample ID/ Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SS-175 / DUP-SS-1	Acenaphthylene	81J	110J	30.3%
	Dibenzofuran	77J	74J	3.9%
	Fluorene	130J	110J	16.3%
	Phenanthrene	820	730	11.6%
	Anthracene	240J	230J	4.2%
	Carbazole	84J	100J	17.3%
	Fluoranthene	680	800	16.2%
	Pyrene	710	700	1.4%
	Benzo(a)anthracene	320J	380	17.1%
	Chrysene	330J	370	11.4%
	Benzo(b)fluoranthene	300J	320J	6.4%
	Benzo(k)fluoranthene	320J	350J	8.9%
	Benzo(a)pyrene	330J	360J	8.6%
	Indeno(1,2,3-cd)pyrene	120J	180J	40.0%
	Benzo(g,h,i)perylene	120J	190J	45.1%

ND – Not detected
NA – Analyte not detected in the sample and/or duplicate. RPD not applicable.

The duplicate results are acceptable.

11. System Performance and Overall Assessment

Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checklist

Semivolatile Organics Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?	X		
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are the surrogate recovery forms present?	X		
Are all samples listed on the surrogate recovery form?	X		
Were two or more base-neutral or acid surrogate recoveries outside control limits for any sample or blank?		X	
If yes, were the samples reanalyzed?			X
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a MS recovery form present?	X		
Were MSs analyzed at the required frequency	X		
How many spike recoveries were outside of QC limits?			
7 out of 130			
How many RPDs for MS/MSD were outside of QC limits?			
0 out of 65			
Blanks			
Is the method blank summary form present?	X		
Has a method blank been analyzed for each set of samples or for each 20 samples, whichever is more frequent?	X		
Has a blank been analyzed for each system used?	X		
Do any method blanks have positive results?		X	
Are field/rinse blanks associated with every sample?		X	
Do any field/rinse blanks have positive results?			X

	YES	NO	NA
Tuning and Mass Calibration			
Are the GC/MS tuning forms present for DFTPP?	X		
Are the bar graph spectrum and mass/charge listing provided for each DFTPP?	X		
Has a DFTPP been analyzed for each 12 hours of analysis per instrument?	X		
Have the ion abundance criteria been met for each instrument used?	X		
Target Analytes			
Is an organics analysis data sheet present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Are the reconstructed ion chromatograms present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Is the chromatographic performance acceptable?	X		
Are the mass spectra of the identified compounds present?	X		
Are all ions present in the standard mass spectrum at a relative intensity of 10% or greater also present in the sample spectrum?	X		
Do the samples and standard relative ion intensities agree within 20%?	X		
Tentatively Identified Compounds			
Are all the TIC summary forms present?		X	
Are the mass spectra for the tentatively identified compounds and their associated "best match" spectra present?			X
Are any target compounds listed as TICs?			X
Are all ions present in the reference mass spectrum with a relative intensity greater than 10% also present in the sample mass spectrum?			X
Do the TIC and "best match" spectrum agree within 20%?			X
Quantitation and Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	
Are the reporting limits adjusted to reflect sample dilutions, and for soils, sample moisture?	X		
Standard Data			
Are the quantitation reports and reconstructed ion chromatograms present for the initial and continuing calibration standards?	X		

	YES	NO	NA
Initial Calibration			
Are the initial calibration forms present for each instrument used?	X		
Are the response factor RSDs within acceptable limits?		X	
Are the average RRF ≥ minimum requirements?	X		
Are there any transcription/calculation error in reporting the RRF or RSD?		X	
Continuing Calibration			
Are the continuing calibration forms present for each day and each instrument?	X		
Has a continuing calibration standard been analyzed for each 12 hours of analysis per instrument?	X		
All %D within acceptable limits?		X	
Are all RF ≥ minimum requirements?	X		
Are there any transcription/calculation errors in reporting of RF or %D?		X	
Internal Standards			
Are internal standard areas of every sample within the upper and lower limits for each continuing calibration?	X		
Are the retention times of the internal standards within 30 seconds of the associated calibration standard?	X		
Field Duplicates			
Were field duplicates submitted with the samples?	X		

Semivolatile Qualifier Summary
Holding Time, Surrogates, Internal Standards

Sample ID	Holding Time*	Surrogates*						Internal Standards*					
		2FP	PHL	TBP	NBZ	FBP	TPH	DCB	NPT	ANT	PHN	CRY	PRY
DUP-SS-1													
SS-162													
S S-163													
SS-164													
SS-165													
SS-165 DL													
SS-166													
SS-167													
SS-168													
SS-169													
SB-170													
SS-171													
SS-172													
SS-172 MS													
SS-172 MSD													
SS-173													
SS-174													
SS-175													
SS-176													
SS-177													
SS-178													

Surrogates:
- NBZ Nitrobenzene-d5
- FBP 2-Fluorobiphenyl
- TPH Terphenyl-d14
- PHL Phenol-d6
- 2FP 2-Fluorophenol
- TBP 2,4,6-Tribromophenol

Internal Standards:
- DCB 1,4-Dichlorobenzene-d4
- NPT Naphthalene-d8
- ANT Acenaphthene-d10
- PHN Phenanthrene-d10
- CRY Chrysene-d12
- PRY Perylene-d12

Qualifiers:
- D Diluted
- ↓ Recovery low
- ↑ Recovery high
- na not applicable
- ↓↓ Response <25%

* Unless otherwise specified, all parameters are within acceptable limits.

PCB ANALYSES

Introduction

Analyses were performed according to USEPA SW-846 Method 8082 as referenced in NYSDEC-ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

C Identification confirmed by GC/MS.

UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding times for PCB analyses under NYSASP are 7 days from sample receipt to extraction and 40 days to analysis. The technical holding times for soils are 10 days from sample collection to extraction and 40 days to analysis.

All samples were extracted and analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, field, or rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Field and rinse blanks measure contamination of samples during field operations.

No Aroclors were detected in the blanks.

3. System Performance

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

A five point calibration was not performed by the laboratory as per USEPA SW-846 Method 8082 therefore all the data were qualified as estimated.

4.2 Continuing Calibration

The continuing calibrations were within specified limits for all Aroclors.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

All surrogate recoveries were within control limits

6. Compound Identification

The retention times of all quantitated peaks must fall within the calculated retention time windows for both the primary and confirmation columns.

Data for Aroclor 1260 exceeded the linear range in samples SS-165, SS-166, SS-173 and DUP-SS-1 and data exceeded the linear range for Aroclor 1254 in sample DUP-SS-1. Data for the listed samples were replaced with data from the dilution analyses.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

Matrix spike blank data is used to assess the precision and accuracy of the analytical method independent of matrix interferences.

The MS/MSD recoveries were within control limits. The relative percent difference between recoveries was above the control limit for Aroclor 1260. Data for Aroclor 1260 was qualified as estimated in sample SS-172 based on the deviation.

8. Matrix Spike Blank

The matrix spike blank recoveries were within control limits.

9. Field Duplicates

Results for duplicate samples are summarized below:

Sample ID/ Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
SS-175 / DUP-SS-1	Aroclor 1254	60	24000	199.0%
	Aroclor 1260	130	29000	198.2%

ND – Not detected
NA – Analyte not detected in the sample and/or duplicate. RPD not applicable.

The duplicate results are unacceptable. Data for Aroclors 1254 and 1260 were qualified as estimated in samples SS-175 and DUP-SS-1 based on the deviations.

10. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checklists

PCB Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?	X		
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are the surrogate recovery forms present?	X		
Are all the samples listed on the appropriate surrogate recovery form?	X		
Were recoveries of any surrogate outside of specified limits for any sample or blank?		X	
If yes, were the samples reanalyzed?			X
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a matrix spike recovery form present?	X		
Were matrix spikes analyzed at the required frequency?	X		
How many spike recoveries were outside of QC limits?			
0 out of 4			
How many RPDs for matrix spike and matrix spike duplicate were outside of QC limits?			
1 out of 2			
Blanks			
Is a method blank summary form present?	X		
Has a method blank been analyzed for each set of samples or for each 20 samples, whichever is more frequent?	X		
Do any method/reagent/instrument blanks have positive results?		X	
Do any field/rinse/equipment blanks have positive results?			X
Are there field/rinse/equipment blanks associated with every sample?		X	

	YES	NO	NA
Calibration and GC Performance			
Are the following chromatograms and integration reports present?			
Peak resolution check		X	
Aroclor 1016/1260	X		
Aroclors 1221, 1232, 1242, 1248, and 1254	X		
Is a calibration summary form present and complete for each analytical sequence?	X		
Are there any transcription/calculation errors between the raw data and the forms?		X	
Are the %RSD for the initial calibration within specified limits for all analytes?	X		
Is the resolution between any two adjacent peaks in the resolution check mixture > 60%?			X
Have all samples been injected within a 12 hour period beginning with the injection of a calibration standard?	X		
Is a continuing calibration summary form present and complete for each continuing standard analyzed?	X		
Are there any transcription/calculation errors between the raw data and the form?		X	
Are all the percent difference (%D) values for all continuing calibration standards within specified limits?	X		
Analytical Sequence			
Is Form VIII present and complete for each column and each period of analyses?	X		
Was the proper analytical sequence followed?	X		
Cleanup Efficiency Verification			
Are percent recoveries of the compounds used to check the efficiency of the cleanup procedure within QC limits?	X		
PCB Identification			
Are RT of sample compounds within the established RT windows?	X		
Were all positively identified compounds confirmed on a second column?	X		
Was GC/MS confirmation provided when required?			X
Were there any false negatives?		X	
Compound Quantitation and Reported Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	

	YES	NO	NA
Are the reporting limits adjusted to reflect sample dilutions and, for soils, sample moisture?	X		
Chromatogram Quality			
Were the baselines stable?	X		
Were any electronegative displacement (negative peaks) or unusual peaks detected?		X	
Field Duplicates			
Were field duplicates submitted with the samples?	X		

PCB Qualifier Summary
Holding Time and Surrogates

Sample ID	Holding Time*	Surrogates*			
		TCX-1	TCX-2	DCB-1	DCB-2
DUP-SS-1					
SS-162					
SS-163					
SS-164					
SS-165					
SS-166					
SS-167					
SS-168					
SS-169					
SB-170					
SS-171					
SS-172					
SS-172 MS					
SS-172 MSD					
SS-173					
SS-174					
SS-175					
SS-176					
SS-177					
SS-178					

Surrogates:
TCX Tetrachloro-m-xylene
DCB Decachlorobiphenyl
na Not applicable

Qualifiers:
D Surrogate diluted out
↑ Recovery high
↓ Recovery low

* Unless otherwise noted, all parameters are within specified limits.

Corrected Sample Analysis Data Sheets

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-SS-1

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579810

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579810A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 10 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U J
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U J
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U J
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	110	J
99-09-2	3-Nitroaniline	920	U J
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-SS-1

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579810

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579810A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 10 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	920	U J
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	74	J
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	110	J
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U J
86-30-6	N-nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	730	
120-12-7	Anthracene	230	J
86-74-8	Carbazole	100	J
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	800	
129-00-0	Pyrene	700	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U J
56-55-3	Benzo(a)anthracene	380	
218-01-9	Chrysene	370	
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	320	J
207-08-9	Benzo(k)fluoranthene	350	J
50-32-8	Benzo(a)pyrene	360	J
193-39-5	Indeno(1,2,3-cd)pyrene	180	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	190	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-162

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579813

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579813A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 23 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	430	U
108-95-2	Phenol	430	U
111-44-4	bis(2-Chloroethyl)ether	430	U
95-57-8	2-Chlorophenol	430	U
95-48-7	2-Methylphenol	430	U
108-60-1	2,2'-oxybis(1-Chloropropane)	430	U J
98-86-2	Acetophenone	430	U
106-44-5	4-Methylphenol	430	U
621-64-7	N-Nitroso-di-n-propylamine	430	U
67-72-1	Hexachloroethane	430	U
98-95-3	Nitrobenzene	430	U
78-59-1	Isophorone	430	U
88-75-5	2-Nitrophenol	430	U
105-67-9	2,4-Dimethylphenol	430	U J
111-91-1	bis(2-Chloroethoxy)methane	430	U
120-83-2	2,4-Dichlorophenol	430	U
91-20-3	Naphthalene	430	U
106-47-8	4-Chloroaniline	430	U
87-68-3	Hexachlorobutadiene	430	U
105-60-2	Caprolactam	430	U
59-50-7	4-Chloro-3-methylphenol	430	U
91-57-6	2-Methylnaphthalene	430	U
77-47-4	Hexachlorocyclopentadiene	430	U J
88-06-2	2,4,6-Trichlorophenol	430	U
95-95-4	2,4,5-Trichlorophenol	1100	U
92-52-4	1,1'-Biphenyl	430	U
91-58-7	2-Chloronaphthalene	430	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	430	U
606-20-2	2,6-Dinitrotoluene	430	U
208-96-8	Acenaphthylene	430	U
99-09-2	3-Nitroaniline	1100	U J
83-32-9	Acenaphthene	430	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-162

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579813

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579813A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 23 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1100	U J
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	430	U
121-14-2	2,4-Dinitrotoluene	430	U
84-66-2	Diethylphthalate	430	U
86-73-7	Fluorene	430	U
7005-72-3	4-Chlorophenyl-phenylether	430	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U J
86-30-6	N-nitrosodiphenylamine (1)	430	U
101-55-3	4-Bromophenyl-phenylether	430	U
118-74-1	Hexachlorobenzene	430	U
1912-24-9	Atrazine	430	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	430	U
86-74-8	Carbazole	430	U J
84-74-2	Di-n-butylphthalate	430	U
206-44-0	Fluoranthene	280	J
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	430	U
91-94-1	3,3'-Dichlorobenzidine	430	U J
56-55-3	Benzo(a)anthracene	170	J
218-01-9	Chrysene	190	J
117-81-7	bis(2-Ethylhexyl)phthalate	430	U
117-84-0	Di-n-octylphthalate	430	U
205-99-2	Benzo(b)fluoranthene	150	J
207-08-9	Benzo(k)fluoranthene	210	J
50-32-8	Benzo(a)pyrene	180	J
193-39-5	Indeno(1,2,3-cd)pyrene	87	J
53-70-3	Dibenzo(a,h)anthracene	430	U
191-24-2	Benzo(g,h,i)perylene	430	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-163

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579814

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579814A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 4 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	340	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340	U J
98-86-2	Acetophenone	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U J
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
105-60-2	Caprolactam	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U J
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	860	U
92-52-4	1,1'-Biphenyl	340	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	860	U
131-11-3	Dimethylphthalate	340	U
606-20-2	2,6-Dinitrotoluene	340	U
208-96-8	Acenaphthylene	340	U
99-09-2	3-Nitroaniline	860	U J
83-32-9	Acenaphthene	340	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-163

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579814

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579814A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 4 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	860	U J
100-02-7	4-Nitrophenol	860	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
86-73-7	Fluorene	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
100-01-6	4-Nitroaniline	860	U
534-52-1	4,6-Dinitro-2-methylphenol	860	U J
86-30-6	N-nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
1912-24-9	Atrazine	340	U
87-86-5	Pentachlorophenol	860	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
86-74-8	Carbazole	340	U J
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U J
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenzo(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U

(1) - Cannot be separated from Diphenylamine

1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-164

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579815

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579815A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 03/01/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/03/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1700	U
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)ether	1700	U
95-57-8	2-Chlorophenol	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1700	U J
98-86-2	Acetophenone	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U J
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
105-60-2	Caprolactam	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U J
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	4400	U
92-52-4	1,1'-Biphenyl	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
208-96-8	Acenaphthylene	1700	U
99-09-2	3-Nitroaniline	4400	U J
83-32-9	Acenaphthene	1700	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-164

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579815

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579815A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 03/01/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/03/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U J
100-02-7	4-Nitrophenol	4400	U J
132-64-9	Dibenzofuran	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
86-73-7	Fluorene	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
100-01-6	4-Nitroaniline	4400	U J
534-52-1	4,6-Dinitro-2-methylphenol	4400	U J
86-30-6	N-nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
1912-24-9	Atrazine	1700	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
86-74-8	Carbazole	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	1700	U
129-00-0	Pyrene	1700	U
85-68-7	Butylbenzylphthalate	1700	U J
91-94-1	3,3'-Dichlorobenzidine	1700	U J
56-55-3	Benzo(a)anthracene	1700	U
218-01-9	Chrysene	1700	U
117-81-7	bis(2-Ethylhexyl)phtnalate	1700	U J
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	1700	U
207-08-9	Benzo(k)fluoranthene	1700	U
50-32-8	Benzo(a)pyrene	1700	U
193-39-5	Indeno(1,2,3-cd)pyrene	1700	U
53-70-3	Dibenzo(a,h)anthracene	1700	U
191-24-2	Benzo(g,h,i)perylene	1700	U

(1) - Cannot be separated from Diphenylamine

1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-165

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579816

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579816A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U J
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U J
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U J
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	870	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	870	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	870	U J
83-32-9	Acenaphthene	350	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-165

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579816

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579816A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	870	U J
100-02-7	4-Nitrophenol	870	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	870	U
534-52-1	4,6-Dinitro-2-methylphenol	870	U J
86-30-6	N-nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	870	U
85-01-8	Phenanthrene	350	U
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U J
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	150	J
85-68-7	Butylbenzylphthalate	86	J
91-94-1	3,3'-Dichlorobenzidine	350	U J
56-55-3	Benzo(a)anthracene	72	J
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	7700 ~~2600~~	E D
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	120	J
207-08-9	Benzo(k)fluoranthene	160	J
50-32-8	Benzo(a)pyrene	100	J
193-39-5	Indeno(1,2,3-cd)pyrene	70	J
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	75	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-165DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579816DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579816DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	690	U
108-95-2	Phenol	690	U
111-44-4	bis(2-Chloroethyl)ether	690	U
95-57-8	2-Chlorophenol	690	U
95-48-7	2-Methylphenol	690	U
108-60-1	2,2'-oxybis(1-Chloropropane)	690	U
98-86-2	Acetophenone	690	U
106-44-5	4-Methylphenol	690	U
621-64-7	N-Nitroso-di-n-propylamine	690	U
67-72-1	Hexachloroethane	690	U
98-95-3	Nitrobenzene	690	U
78-59-1	Isophorone	690	U
88-75-5	2-Nitrophenol	690	U
105-67-9	2,4-Dimethylphenol	690	U
111-91-1	bis(2-Chloroethoxy)methane	690	U
120-83-2	2,4-Dichlorophenol	690	U
91-20-3	Naphthalene	690	U
106-47-8	4-Chloroaniline	690	U
87-68-3	Hexachlorobutadiene	690	U
105-60-2	Caprolactam	690	U
59-50-7	4-Chloro-3-methylphenol	690	U
91-57-6	2-Methylnaphthalene	690	U
77-47-4	Hexachlorocyclopentadiene	690	U
88-06-2	2,4,6-Trichlorophenol	690	U
95-95-4	2,4,5-Trichlorophenol	1700	U
92-52-4	1,1'-Biphenyl	690	U
91-58-7	2-Chloronaphthalene	690	U
88-74-4	2-Nitroaniline	1700	U
131-11-3	Dimethylphthalate	690	U
606-20-2	2,6-Dinitrotoluene	690	U
208-96-8	Acenaphthylene	690	U
99-09-2	3-Nitroaniline	1700	U
83-32-9	Acenaphthene	690	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-165DL

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579816DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579816DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1700	U
100-02-7	4-Nitrophenol	1700	U
132-64-9	Dibenzofuran	690	U
121-14-2	2,4-Dinitrotoluene	690	U
84-66-2	Diethylphthalate	690	U
86-73-7	Fluorene	690	U
7005-72-3	4-Chlorophenyl-phenylether	690	U
100-01-6	4-Nitroaniline	1700	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
86-30-6	N-nitrosodiphenylamine (1)	690	U
101-55-3	4-Bromophenyl-phenylether	690	U
118-74-1	Hexachlorobenzene	690	U
1912-24-9	Atrazine	690	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	690	U
120-12-7	Anthracene	690	U
86-74-8	Carbazole	690	U
84-74-2	Di-n-butylphthalate	690	U
206-44-0	Fluoranthene	690	U
129-00-0	Pyrene	140	DJ
85-68-7	Butylbenzylphthalate	690	U
91-94-1	3,3'-Dichlorobenzidine	690	U
56-55-3	Benzo(a)anthracene	690	U
218-01-9	Chrysene	690	U
117-81-7	bis(2-Ethylhexyl)phthalate	7400	D
117-84-0	Di-n-octylphthalate	690	U
205-99-2	Benzo(b)fluoranthene	690	U
207-08-9	Benzo(k)fluoranthene	690	U
50-32-8	Benzo(a)pyrene	690	U
193-39-5	Indeno(1,2,3-cd)pyrene	690	U
53-70-3	Dibenzo(a,h)anthracene	690	U
191-24-2	Benzo(g,h,i)perylene	690	U

(1) - Cannot be separated from Diphenylamine

1C

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-166

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579806

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579806A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 7 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U J
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U J
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U J
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	890	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	890	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	890	U J
83-32-9	Acenaphthene	350	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-166

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579806

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579806A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 7 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	890	U J
100-02-7	4-Nitrophenol	890	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	890	U
534-52-1	4,6-Dinitro-2-methylphenol	890	U J
86-30-6	N-nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	890	U
85-01-8	Phenanthrene	860	
120-12-7	Anthracene	250	J
86-74-8	Carbazole	250	J
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	1600	
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U J
56-55-3	Benzo(a)anthracene	690	
218-01-9	Chrysene	780	
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	820	
207-08-9	Benzo(k)fluoranthene	830	
50-32-8	Benzo(a)pyrene	840	
193-39-5	Indeno(1,2,3-cd)pyrene	420	
53-70-3	Dibenzo(a,h)anthracene	120	J
191-24-2	Benzo(g,h,i)perylene	340	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-167

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579811

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579811A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U J
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U J
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U J
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	870	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	870	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	870	U J
83-32-9	Acenaphthene	350	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-167

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579811

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579811A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: __ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	870	U J
100-02-7	4-Nitrophenol	870	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	870	U
534-52-1	4,6-Dinitro-2-methylphenol	870	U J
86-30-6	N-nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	870	U
85-01-8	Phenanthrene	94	J
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U J
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	200	J
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U J
56-55-3	Benzo(a)anthracene	88	J
218-01-9	Chrysene	120	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	130	J
207-08-9	Benzo(k)fluoranthene	130	J
50-32-8	Benzo(a)pyrene	110	J
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-168

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579812

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579812A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U J
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U J
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U J
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	110	J
99-09-2	3-Nitroaniline	980	U J
83-32-9	Acenaphthene	390	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-168

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579812

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579812A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 15 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980	U J
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U J
86-30-6	N-nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	1000	
85-01-8	Phenanthrene	270	J
120-12-7	Anthracene	83	J
86-74-8	Carbazole	89	J
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	450	
129-00-0	Pyrene	480	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U J
56-55-3	Benzo(a)anthracene	210	J
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	310	J
207-08-9	Benzo(k)fluoranthene	290	J
50-32-8	Benzo(a)pyrene	250	J
193-39-5	Indeno(1,2,3-cd)pyrene	180	J
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	160	J

(1) - Cannot be separated from Diphenylamine

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-169

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579802

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579802A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 8 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	900	U J
100-02-7	4-Nitrophenol	900	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U J
86-30-6	N-nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	130	J
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	280	J
129-00-0	Pyrene	260	J
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U J
56-55-3	Benzo(a)anthracene	140	J
218-01-9	Chrysene	160	J
117-81-7	bis(2-Ethylhexyl)phthalate	360	U
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	180	J
207-08-9	Benzo(k)fluoranthene	190	J
50-32-8	Benzo(a)pyrene	170	J
193-39-5	Indeno(1,2,3-cd)pyrene	86	J
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	82	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-170

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579809

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579809A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	410	U
108-95-2	Phenol	410	U
111-44-4	bis(2-Chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-oxybis(1-Chloropropane)	410	U J
98-86-2	Acetophenone	410	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U J
111-91-1	bis(2-Chloroethoxy)methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U J
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	410	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	200	J
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	410	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-169

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579802

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579802A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 8 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	360	U J
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)ether	360	U J
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U J
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U J
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U J
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	900	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	900	U J
83-32-9	Acenaphthene	360	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-170

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579809

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579809A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 20 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U J
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U J
86-30-6	N-nitrosodiphenylamine (1)	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	410	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	160	J
86-74-8	Carbazole	170	J
84-74-2	Di-n-butylphthalate	410	U
206-44-0	Fluoranthene	730	
129-00-0	Pyrene	670	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U J
56-55-3	Benzo(a)anthracene	370	J
218-01-9	Chrysene	480	
117-81-7	bis(2-Ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	520	
207-08-9	Benzo(k)fluoranthene	590	
50-32-8	Benzo(a)pyrene	450	
193-39-5	Indeno(1,2,3-cd)pyrene	310	J
53-70-3	Dibenzo(a,h)anthracene	90	J
191-24-2	Benzo(g,h,i)perylene	290	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-171

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579808

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579808A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 7 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U J
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U J
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U J
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	890	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	890	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	890	U J
83-32-9	Acenaphthene	350	U

1D

NYSDEC SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SS-171

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579808

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579808A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 7 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	890	U J
100-02-7	4-Nitrophenol	890	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	890	U
534-52-1	4,6-Dinitro-2-methylphenol	890	U J
86-30-6	N-nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	92	J
87-86-5	Pentachlorophenol	890	U
85-01-8	Phenanthrene	230	J
120-12-7	Anthracene	350	U
86-74-8	Carbazole	140	J
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	550	
129-00-0	Pyrene	430	
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U J
56-55-3	Benzo(a)anthracene	120	J
218-01-9	Chrysene	230	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	210	J
207-08-9	Benzo(k)fluoranthene	220	J
50-32-8	Benzo(a)pyrene	140	J
193-39-5	Indeno(1,2,3-cd)pyrene	110	J
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	93	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-172

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579807

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579807A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 2 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	340	U
108-95-2	Phenol	340	U
111-44-4	bis(2-Chloroethyl)ether	340	U
95-57-8	2-Chlorophenol	340	U
95-48-7	2-Methylphenol	340	U
108-60-1	2,2'-oxybis(1-Chloropropane)	340	U J
98-86-2	Acetophenone	340	U
106-44-5	4-Methylphenol	340	U
621-64-7	N-Nitroso-di-n-propylamine	340	U
67-72-1	Hexachloroethane	340	U
98-95-3	Nitrobenzene	340	U
78-59-1	Isophorone	340	U
88-75-5	2-Nitrophenol	340	U
105-67-9	2,4-Dimethylphenol	340	U J
111-91-1	bis(2-Chloroethoxy)methane	340	U
120-83-2	2,4-Dichlorophenol	340	U
91-20-3	Naphthalene	340	U
106-47-8	4-Chloroaniline	340	U
87-68-3	Hexachlorobutadiene	340	U
105-60-2	Caprolactam	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-57-6	2-Methylnaphthalene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U J
88-06-2	2,4,6-Trichlorophenol	340	U
95-95-4	2,4,5-Trichlorophenol	850	U
92-52-4	1,1'-Biphenyl	340	U
91-58-7	2-Chloronaphthalene	340	U
88-74-4	2-Nitroaniline	850	U
131-11-3	Dimethylphthalate	340	U
606-20-2	2,6-Dinitrotoluene	340	U
208-96-8	Acenaphthylene	340	U
99-09-2	3-Nitroaniline	850	U J
83-32-9	Acenaphthene	340	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-172

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579807

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579807A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 2 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	~~850~~	U J
100-02-7	4-Nitrophenol	850	U
132-64-9	Dibenzofuran	340	U
121-14-2	2,4-Dinitrotoluene	340	U
84-66-2	Diethylphthalate	340	U
86-73-7	Fluorene	340	U
7005-72-3	4-Chlorophenyl-phenylether	340	U
100-01-6	4-Nitroaniline	850	U
534-52-1	4,6-Dinitro-2-methylphenol	850	U J
86-30-6	N-nitrosodiphenylamine (1)	340	U
101-55-3	4-Bromophenyl-phenylether	340	U
118-74-1	Hexachlorobenzene	340	U
1912-24-9	Atrazine	340	U
87-86-5	Pentachlorophenol	850	U
85-01-8	Phenanthrene	340	U
120-12-7	Anthracene	340	U
86-74-8	Carbazole	340	U J
84-74-2	Di-n-butylphthalate	340	U
206-44-0	Fluoranthene	340	U
129-00-0	Pyrene	340	U
85-68-7	Butylbenzylphthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	340	U J
56-55-3	Benzo(a)anthracene	340	U
218-01-9	Chrysene	340	U
117-81-7	bis(2-Ethylhexyl)phthalate	340	U
117-84-0	Di-n-octylphthalate	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
50-32-8	Benzo(a)pyrene	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
53-70-3	Dibenzo(a,h)anthracene	340	U
191-24-2	Benzo(g,h,i)perylene	340	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-173

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579805

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579805A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U J
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)ether	380	U J
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U J
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U J
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U J
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	940	U J
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-173

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579805

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579805A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 12 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U J
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U J
86-30-6	N-nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	94	J
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	510	
129-00-0	Pyrene	730	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U J
56-55-3	Benzo(a)anthracene	310	J
218-01-9	Chrysene	350	J
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	330	J
207-08-9	Benzo(k)fluoranthene	380	
50-32-8	Benzo(a)pyrene	390	
193-39-5	Indeno(1,2,3-cd)pyrene	160	J
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	140	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-174

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579804

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579804JA74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 6 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U J
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U J
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	350	U
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U J
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	880	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	880	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	880	U J
83-32-9	Acenaphthene	75	J

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-174

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579804

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579804JA74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 6 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	880	U J
100-02-7	4-Nitrophenol	880	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	880	U
534-52-1	4,6-Dinitro-2-methylphenol	880	U J
86-30-6	N-nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	880	U
85-01-8	Phenanthrene	910	
120-12-7	Anthracene	220	J
86-74-8	Carbazole	250	J
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	1300	
129-00-0	Pyrene	1200	
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U J
56-55-3	Benzo(a)anthracene	600	
218-01-9	Chrysene	660	
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	510	
207-08-9	Benzo(k)fluoranthene	580	
50-32-8	Benzo(a)pyrene	570	
193-39-5	Indeno(1,2,3-cd)pyrene	240	J
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	220	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-175

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579803

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579803A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 10 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U J
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)ether	370	U J
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U J
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U J
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U J
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	920	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	81	J
99-09-2	3-Nitroaniline	920	U J
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-175

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579803

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579803A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 10 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	920	U J
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	77	J
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	130	J
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U J
86-30-6	N-nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	820	
120-12-7	Anthracene	240	J
86-74-8	Carbazole	84	J
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	680	
129-00-0	Pyrene	710	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U J
56-55-3	Benzo(a)anthracene	320	J
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	370	U
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	300	J
207-08-9	Benzo(k)fluoranthene	320	J
50-32-8	Benzo(a)pyrene	330	J
193-39-5	Indeno(1,2,3-cd)pyrene	120	J
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	120	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-176

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579801

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579801A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 18 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	400	U J
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)ether	400	U J
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U J
98-86-2	Acetophenone	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U J
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U J
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	1000	U J
83-32-9	Acenaphthene	400	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-176

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579801

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579801A74

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: 18 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U J
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
86-73-7	Fluorene	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U J
86-30-6	N-nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	130	J
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	400	U
206-44-0	Fluoranthene	310	J
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U J
56-55-3	Benzo(a)anthracene	180	J
218-01-9	Chrysene	220	J
117-81-7	bis(2-Ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	270	J
207-08-9	Benzo(k)fluoranthene	250	J
50-32-8	Benzo(a)pyrene	220	J
193-39-5	Indeno(1,2,3-cd)pyrene	100	J
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	92	J

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-177

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579817

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579817DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 03/01/05

Concentrated Extract Volume: 2500(uL) Date Analyzed: 03/03/05

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	1700	U
108-95-2	Phenol	1700	U
111-44-4	bis(2-Chloroethyl)ether	1700	U
95-57-8	2-Chlorophenol	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2'-oxybis(1-Chloropropane)	1700	U
98-86-2	Acetophenone	1700	U
106-44-5	4-Methylphenol	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
111-91-1	bis(2-Chloroethoxy)methane	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
87-68-3	Hexachlorobutadiene	1700	U
105-60-2	Caprolactam	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	4400	U
92-52-4	1,1'-Biphenyl	1700	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	1700	U
606-20-2	2,6-Dinitrotoluene	1700	U
208-96-8	Acenaphthylene	1700	U
99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	1700	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-177

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579817

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579817DA74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 5 decanted: (Y/N) N Date Extracted: 03/01/05

Concentrated Extract Volume: 2500(uL) Date Analyzed: 03/03/05

Injection Volume: 1.0(uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	4400	U J
100-02-7	4-Nitrophenol	4400	U J
132-64-9	Dibenzofuran	1700	U
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
86-73-7	Fluorene	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
100-01-6	4-Nitroaniline	4400	U J
534-52-1	4,6-Dinitro-2-methylphenol	4400	U J
86-30-6	N-nitrosodiphenylamine (1)	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
1912-24-9	Atrazine	1700	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	1700	U
120-12-7	Anthracene	1700	U
86-74-8	Carbazole	1700	U
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	410	J
129-00-0	Pyrene	560	J
85-68-7	Butylbenzylphthalate	1700	U J
91-94-1	3,3'-Dichlorobenzidine	1700	U J
56-55-3	Benzo(a)anthracene	1700	U
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	1700	U J
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	1700	U
207-08-9	Benzo(k)fluoranthene	350	J
50-32-8	Benzo(a)pyrene	1700	U
193-39-5	Indeno(1,2,3-cd)pyrene	1700	U
53-70-3	Dibenzo(a,h)anthracene	1700	U
191-24-2	Benzo(g,h,i)perylene	1700	U

(1) - Cannot be separated from Diphenylamine

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-178

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579818

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579818A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 7 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	350	U
108-95-2	Phenol	350	U
111-44-4	bis(2-Chloroethyl)ether	350	U
95-57-8	2-Chlorophenol	350	U
95-48-7	2-Methylphenol	350	U
108-60-1	2,2'-oxybis(1-Chloropropane)	350	U
98-86-2	Acetophenone	350	U
106-44-5	4-Methylphenol	350	U
621-64-7	N-Nitroso-di-n-propylamine	350	U
67-72-1	Hexachloroethane	350	U
98-95-3	Nitrobenzene	350	U
78-59-1	Isophorone	350	U
88-75-5	2-Nitrophenol	350	U
105-67-9	2,4-Dimethylphenol	350	U
111-91-1	bis(2-Chloroethoxy)methane	350	U
120-83-2	2,4-Dichlorophenol	350	U
91-20-3	Naphthalene	120	J
106-47-8	4-Chloroaniline	350	U
87-68-3	Hexachlorobutadiene	350	U
105-60-2	Caprolactam	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-57-6	2-Methylnaphthalene	170	J
77-47-4	Hexachlorocyclopentadiene	350	U
88-06-2	2,4,6-Trichlorophenol	350	U
95-95-4	2,4,5-Trichlorophenol	890	U
92-52-4	1,1'-Biphenyl	350	U
91-58-7	2-Chloronaphthalene	350	U
88-74-4	2-Nitroaniline	890	U
131-11-3	Dimethylphthalate	350	U
606-20-2	2,6-Dinitrotoluene	350	U
208-96-8	Acenaphthylene	350	U
99-09-2	3-Nitroaniline	890	U
83-32-9	Acenaphthene	350	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-178

Lab Name: COMPUCHEM Contract: NYASP

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579818

Sample wt/vol: 30.0(g/mL) G Lab File ID: 579818A74

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: 7 decanted: (Y/N) N Date Extracted: 02/26/05

Concentrated Extract Volume: 1000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	890	U
100-02-7	4-Nitrophenol	890	U
132-64-9	Dibenzofuran	350	U
121-14-2	2,4-Dinitrotoluene	350	U
84-66-2	Diethylphthalate	350	U
86-73-7	Fluorene	350	U
7005-72-3	4-Chlorophenyl-phenylether	350	U
100-01-6	4-Nitroaniline	890	U
534-52-1	4,6-Dinitro-2-methylphenol	890	U
86-30-6	N-nitrosodiphenylamine (1)	350	U
101-55-3	4-Bromophenyl-phenylether	350	U
118-74-1	Hexachlorobenzene	350	U
1912-24-9	Atrazine	350	U
87-86-5	Pentachlorophenol	890	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	350	U
86-74-8	Carbazole	350	U
84-74-2	Di-n-butylphthalate	350	U
206-44-0	Fluoranthene	170	J
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	350	U
56-55-3	Benzo(a)anthracene	79	J
218-01-9	Chrysene	98	J
117-81-7	bis(2-Ethylhexyl)phthalate	350	U
117-84-0	Di-n-octylphthalate	350	U
205-99-2	Benzo(b)fluoranthene	93	J
207-08-9	Benzo(k)fluoranthene	96	J
50-32-8	Benzo(a)pyrene	93	J
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
191-24-2	Benzo(g,h,i)perylene	350	U

(1) - Cannot be separated from Diphenylamine

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

DUP-SS-1

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579810

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 10 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	9800	E
11096-82-5	Aroclor-1260	14000	E

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

DUP-SS-1DL

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579810DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 10 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/02/05

Injection Volume: 1.0(uL) Dilution Factor: 100.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	3700	U
11104-28-2	Aroclor-1221	7400	U
11141-16-5	Aroclor-1232	3700	U
53469-21-9	Aroclor-1242	3700	U
12672-29-6	Aroclor-1248	3700	U
11097-69-1	Aroclor-1254	24000	~~DP~~
11096-82-5	Aroclor-1260	29000	~~DP~~

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-162

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579813

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 23 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	43	U J
11104-28-2	Aroclor-1221	87	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-163

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579814

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 4 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	34	U
11096-82-5	Aroclor-1260	28	J

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-164

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579815

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 5 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-165

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579816

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 5 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	520	E

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-165DL

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579816DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 5 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	170	U
11104-28-2	Aroclor-1221	350	U
11141-16-5	Aroclor-1232	170	U
53469-21-9	Aroclor-1242	170	U
12672-29-6	Aroclor-1248	170	U
11097-69-1	Aroclor-1254	170	U
11096-82-5	Aroclor-1260	670	D

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-166

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579806

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 7 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ___ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	530	E

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-166DL

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579806DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 7 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	180	U J
11104-28-2	Aroclor-1221	360	U
11141-16-5	Aroclor-1232	180	U
53469-21-9	Aroclor-1242	180	U
12672-29-6	Aroclor-1248	180	U
11097-69-1	Aroclor-1254	180	U
11096-82-5	Aroclor-1260	600	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-167

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579811

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 5 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	130	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-168

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579812

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 15 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-169

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579802

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 8 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	36	U
11104-28-2	Aroclor-1221	73	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	210	
11096-82-5	Aroclor-1260	480	P

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-170

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579809

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 20 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	84	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	33	J
11096-82-5	Aroclor-1260	70	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-171

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579808

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 7 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	72	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-172

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579807

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 2 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	68	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	160	
11096-82-5	Aroclor-1260	87	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-173

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579805

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 12 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	2100	PE

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO.

SS-173DL

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579805DL

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 12 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	380	U
11104-28-2	Aroclor-1221	760	U
11141-16-5	Aroclor-1232	380	U
53469-21-9	Aroclor-1242	380	U
12672-29-6	Aroclor-1248	380	U
11097-69-1	Aroclor-1254	380	U
11096-82-5	Aroclor-1260	2200	D

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-174

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579804

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 6 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	71	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	210	
11096-82-5	Aroclor-1260	450	

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO: SS-175

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579803

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 10 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	60	J
11096-82-5	Aroclor-1260	130	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-176

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579801

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 18 Decanted: (Y/N) N Date Received: 02/23/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 02/28/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	82	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	32	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-177

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579817

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 5 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	70	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	18	J
11096-82-5	Aroclor-1260	22	J

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PESTICIDE ORGANICS ANALYSIS DATA SHEET

NYSDEC SAMPLE NO

SS-178

Lab Name: COMPUCHEM Contract: NYASP 2000

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5798

Matrix: (soil/water) SOIL Lab Sample ID: 579818

Sample wt/vol: 30.0(g/mL) G Lab File ID: _____

% Moisture: 7 Decanted: (Y/N) N Date Received: 02/24/05

Extraction: (Type) SONC Date Extracted: 02/26/05

Concentrated Extract Volume: 5000(uL) Date Analyzed: 03/01/05

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: ____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	35	U
11104-28-2	Aroclor-1221	72	U
11141-16-5	Aroclor-1232	35	U
53469-21-9	Aroclor-1242	35	U
12672-29-6	Aroclor-1248	35	U
11097-69-1	Aroclor-1254	35	U
11096-82-5	Aroclor-1260	35	U

Laboratory Narrative

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #5798
PROTOCOL: NYASP

SAMPLE IDENTIFICATIONS: DUP-SS-1, SS-162, SS-163, SS-164, SS-165, SS-166, SS-167, SS-168, SS-169, SS-170, SS-171, SS-172, SS-173, SS-174, SS-175, SS-176, SS-177, SS-178

The 18 soil samples listed above were received intact, properly refrigerated at temperatures ranging from 2.0 to 3.2°C, with proper documentation, in sealed shipping containers, on February 23 and 24, 2005. The samples were scheduled for the requested analyses of the GC/MS Semivolatiles fractions. The samples were prepared and analyzed following the 6/2000 NYASP protocol with the exceptions and/or additions requested by the client. All pertinent Quality Assurance notices are included in the narrative section and all pertinent Laboratory notices for SDG #5798 are included in the sample data section.

GC/MS Semivolatiles

Analysis holding time requirements were met for all of these samples.

There were various target analytes identified above the Contract Required Quantitation Limit (CRQL) in samples DUP-SS-1, SS-165, SS-166, SS-168, SS-170, SS-171, SS-173, SS-174 and SS-175. Sample SS-164 had a final volume of 5.0 mL and SS-177 had a final volume of 2.5 mL due to the viscosity of the extracts. SS-177 was also analyzed at a 2x dilution due to extract viscosity. In the initial analysis of SS-165, the on-column amount of bis(2-ethylhexyl)phthalate exceeded the instrument's calibration limits. The samples were reanalyzed at a 2x dilution to bring the on-column amount into calibration range. We have reported both analyses of this sample.

Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All decafluorotriphenylphosphine (DFTPP) abundance criteria were met for the tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG.

All of the surrogates met recovery criteria in the analyses of these samples. All of the internal standards met response and retention time criteria in the analyses of these samples.

The associated method blanks met all quality control criteria.

Sample SS-172 was used as the original to prepare the duplicate matrix spikes (MS/MSD) as requested. The associated duplicate matrix spikes met all recovery and precision criteria with the exception of recovery for four analytes in the MS and three in the MSD.

The associated Matrix Spike Blanks (LCS) met all recovery and precision criteria with the exception of recovery for 3-Nitroaniline, 4-Nitroaniline and 3,3'-Dichlorobenzidine in SQMLCS, and 3-Nitroaniline and 3,3'-Dichlorobenzidine in SRDLCS. All of these compounds recovered above criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kerry S. Hinshaw

Kerry S. Hinshaw
Organic Senior Scientist
March 4, 2005

CompuChem

a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE
SDG #5798
PROTOCOL: NYASP

SAMPLE IDENTIFICATIONS: DUP-SS-1, SS-162, SS-163, SS-164, SS-165, SS-166, SS-167, SS-168, SS-169, SS-170, SS-171, SS-172, SS-173, SS-174, SS-175, SS-176, SS-177, SS-178

The 18 soil samples listed above were received intact, properly refrigerated at temperatures ranging from 2.0 to 3.2°C, with proper documentation, in sealed shipping containers, on February 23 and 24, 2005. The samples were scheduled for the requested analyses of the GC/MS Semivolatiles fractions. The samples were prepared and analyzed following the 6/2000 NYASP protocol with the exceptions and/or additions requested by the client. All pertinent Quality Assurance notices are included in the narrative section and all pertinent Laboratory notices for SDG #5798 are included in the sample data section.

GC/MS Semivolatiles

Analysis holding time requirements were met for all of these samples.

There were various target analytes identified above the Contract Required Quantitation Limit (CRQL) in samples DUP-SS-1, SS-165, SS-166, SS-168, SS-170, SS-171, SS-173, SS-174 and SS-175. Sample SS-164 had a final volume of 5.0 mL and SS-177 had a final volume of 2.5 mL due to the viscosity of the extracts. SS-177 was also analyzed at a 2x dilution due to extract viscosity. In the initial analysis of SS-165, the on-column amount of bis(2-ethylhexyl)phthalate exceeded the instrument's calibration limits. The samples were reanalyzed at a 2x dilution to bring the on-column amount into calibration range. We have reported both analyses of this sample.

Manual quantitations were performed on one or more of the process files associated with this SDG. The reasons have been coded with explanations provided in the notice included in the narrative section of the SDG.

All decafluorotriphenylphosphine (DFTPP) abundance criteria were met for the tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG.

All of the surrogates met recovery criteria in the analyses of these samples. All of the internal standards met response and retention time criteria in the analyses of these samples.

The associated method blanks met all quality control criteria.

Sample SS-172 was used as the original to prepare the duplicate matrix spikes (MS/MSD) as requested. The associated duplicate matrix spikes met all recovery and precision criteria with the exception of recovery for four analytes in the MS and three in the MSD.

The associated Matrix Spike Blanks (LCS) met all recovery and precision criteria with the exception of recovery for 3-Nitroaniline, 4-Nitroaniline and 3,3'-Dichlorobenzidine in SQMLCS, and 3-Nitroaniline and 3,3'-Dichlorobenzidine in SRDLCS. All of these compounds recovered above criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kerry S. Hinshaw

Kerry S. Hinshaw
Organic Senior Scientist
March 4, 2005

Sample Compliance Report

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	ASP Protocol	Sample ID	Matrix	Compliancy[1]				Noncompliance
					VOC	SVOC	PCB	TAL	
5798	2/22/05	2000	DUP-SS-1	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – field dup, calibration
5798	2/23/05	2000	SS-162	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/23/05	2000	SS-163	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/23/05	2000	SS-164	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/23/05	2000	SS-165	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-166	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-167	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-168	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-169	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SB-170	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-171	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-172	Soil	--	No	No	--	SVOC – ms, ical, ccal, lcs[2] PCB – ms, calibration
5798	2/22/05	2000	SS-173	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-174	Soil	--	No	No	--	SVOC – ical, ccal, lcs[2] PCB – calibration
5798	2/22/05	2000	SS-175	Soil	--	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – field dup, calibration
5798	2/22/05	2000	SS-176	Soil	--	No	No	--	SVOC - , ical, ccal, lcs[2] PCB – calibration
5798	2/23/05	2000	SS-177	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration
5798	2/23/05	2000	SS-178	Soil	--	No	No	--	SVOC - ical, ccal, lcs[2] PCB – calibration

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

2 The deviation resulted in no qualification of data.

DATA USABILITY SUMMARY REPORT

NIAGARA MOHAWK
NORTH ALBANY SERVICE CENTER

SDG# 5801

VOLATILES ANALYSES

Analyses performed by:

CompuChem
Cary, North Carolina

Review performed by:

BBL
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Blasland, Bouck & Lee, Inc.
Syracuse, New York

Summary

The following is an assessment of the data package for SDG# 5801 for sampling at the Niagara Mohawk-North Albany Service Center. Included with this assessment are the data review check sheets used in the review of the package and corrected sample results. Analyses were performed on the following samples:

Sample ID	Lab ID	Matrix	Sample Date	Analysis				
				VOA	SVOC	PCB	TAL	TOC
Trip Blank	580101	Water	2/22/05	x				
Tripblk022305	580102	Water	2/24/05	x				

VOLATILE ANALYSES

Introduction

Analyses were performed according lo USEPA SW-846 Method 8260 as referenced in NYSDEC-ASP.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with National Functional Guidelines:

ND The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

J The associated numerical value is an estimated concentration only.

B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

E The compound was quantitated above the calibration range.

D Concentration is based on a diluted sample analysis.

R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant QC problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Time

The specified holding time for volatile analyses under NYSASP is 10 days from sample receipt. The technical holding time for waters is 14 days from sample collection.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance blanks (i.e., method, trip, field, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Field and rinse blanks measure contamination of samples during field operations.

Compounds were detected in the method blanks. No data were qualified based on the blank content.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) limits for select compounds only and allows two outliers. A technical review of the data applies limits to all compounds with no exceptions.

The %RSD were less than 30% for all compounds with the exception of acetone. Data for acetone were qualified as estimated based on the deviations.

4.2 Continuing Calibration

The method specifies percent drift (%D) criteria for select compounds only. A technical review applies limits to all compounds with no exceptions.

The continuing calibration standards were above control limits for several compounds. Based on the %D data were qualified as estimated for dichlorodifluoromethane, chloromethane, acetone, methyl tert butyl ether, 2-butanone, 4-methyl-2-pentanone, 2-hexanone and 1,2-dibromo-3-chloropropane in sample Trip Blank and dichlorodifluoromethane, chloromethane, bromomethane, acetone and carbon tetrachloride in sample Tripblk022305.

5. Surrogates / System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every experimental run.

All internal standard areas and retention times were within established limits.

7. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

8. Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD data are used to assess the precision and accuracy of the analytical method.

No MS/MSD was analyzed on the samples in this data set.

9. Matrix Spike Blank

All matrix spike blank recoveries were within control limits.

10. Field Duplicates

No field duplicates were included with the samples in this data set.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines listed in the analytical method.

Data Validation Checklist

Volatile Organics Data Validation Checklist

	YES	NO	NA
Data Completeness and Deliverables			
Have any missing deliverables been received and added to the data package?		X	
Is there a narrative or cover letter present?	X		
Are the sample numbers included in the narrative?	X		
Are the sample chain-of-custodies present?	X		
Do the chain-of-custodies indicate any problems with sample receipt or sample condition?		X	
Holding Times			
Have any holding times been exceeded?		X	
Surrogate Recovery			
Are surrogate recovery forms present?	X		
Are all samples listed on the surrogate recovery form?	X		
Was one or more surrogate recovery outside control limits for any sample or blank?		X	
If yes, were the samples reanalyzed?			X
Are there any transcription/calculation errors between the raw data and the summary form?		X	
Matrix Spikes			
Is there a MS recovery form present?		X	
Were matrix spikes analyzed at the required frequency?			X
How many spike recoveries were outside of QC limits?			
NA out of NA			
How many RPDs for MS/MSD were outside of QC limits?			
NA out of NA			
Blanks			
Is a method blank summary form present?	X		
Has a method blank been analyzed for each day or for each 20 samples, whichever is more frequent?	X		
Has a blank been analyzed at least once every 12 hours for each system used?	X		
Do any method/instrument blanks have positive results?	X		
Are trip/field/rinse blanks associated with every sample?		X	
Do any trip/field/rinse blanks have positive results?			X

	YES	NO	NA
Tuning and Mass Calibration			
Are the GC/MS tuning forms present for BFB?	X		
Are the bar graph spectrum and mass/charge listing provided for each BFB?	X		
Has a BFB been analyzed for each 12 hours of analysis per instrument?	X		
Have the ion abundance criteria been met for each instrument used?	X		
Target Analytes			
Is an organics analysis data sheet present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Are the reconstructed ion chromatograms present for each of the following:			
Samples	X		
Matrix spikes	X		
Blanks	X		
Is the chromatographic performance acceptable?	X		
Are the mass spectra of the identified compounds present?	X		
Are all ions present in the standard mass spectrum at a relative intensity of 10% or greater also present in the sample spectrum?	X		
Do the samples and standard relative ion intensities agree within 20%?	X		
Tentatively Identified Compounds			
Are all the TIC summary forms present?		X	
Are the mass spectra for the tentatively identified compounds and their associated "best match" spectra present?			X
Are any target compounds listed as TICs?			X
Are all ions present in the reference mass spectrum with a relative intensity greater than 10% also present in the sample mass spectrum?			X
Do the TIC and "best match" spectrum agree within 20%?			X
Quantitation and Detection Limits			
Are there any transcription/calculation errors in the Form 1 results?		X	
Are the reporting limits adjusted to reflect sample dilutions and, for soils, sample moisture?	X		
Standard Data			
Are the quantitation reports and reconstructed ion chromatograms present for the initial and continuing calibration standards?	X		

	YES	NO	NA
Initial Calibration			
Are the initial calibration forms present for each instrument used?	X		
Are the response factor RSDs within acceptable limits?		X	
Are the average RRFs ≥ minimum requirements?	X		
Are there any transcription/calculation errors in reporting the RRFs or RSDs?		X	
Continuing Calibration			
Are the continuing calibration forms present for each day and each instrument?	X		
Has a continuing calibration standard been analyzed for each 12 hours of analysis per instrument?	X		
All %D within acceptable limits?		X	
Are all RF ≥ minimum requirements?	X		
Are there any transcription/calculation errors in reporting of RF or %D?		X	
Internal Standards			
Are internal standard areas of every sample within the upper and lower limits for each continuing calibration?	X		
Are the retention times of the internal standards within 30 seconds of the associated calibration standard?	X		
Field Duplicates			
Were field duplicates submitted with the samples?		X	

Volatile Qualifier Summary
Holding Time, Surrogates, Internal Standards

Sample ID	Holding Time*	Surrogates*			Internal Standards*		
		TOL	BFB	DCE	BCM	DFB	CBZ
Trip Blank							
Tripblk022305							

Surrogates:
TOL Toluene-d8
BFB Bromofluorobenzene
DCE 1,4-Dichloroethane-d4

Internal Standards:
BCM Bromochloromethane
DFB 1,4-Difluorobenzne
CBZ Chlorobenzene-d5

Qualifiers:
D Diluted
↑ Recovery high
↓ Recovery low
↓↓ Recovery <10%

* Unless otherwise specified, all parameters are within acceptable limits.

Corrected Sample Analysis Data Sheets

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIPBLANK

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5801

Matrix: (soil/water) WATER Lab Sample ID: 580101

Sample wt/vol: 25 (g/ml) ML Lab File ID: 580101A73

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. _____ Date Analyzed: 02/24/05

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U J
74-87-3	Chloromethane	0.50	U J
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-15-0	Carbon disulfide	0.50	U
76-13-1	1,1,2-trichloro-1,2,2-triflu	0.50	U
67-64-1	Acetone	1.6	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl-tert-butyl ether	0.50	U J
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-butanone	2.5	U J
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	2.5	U J
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-hexanone	2.5	U J
124-48-1	Dibromochloromethane	0.50	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIPBLANK

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5801

Matrix: (soil/water) WATER Lab Sample ID: 580101

Sample wt/vol: 25 (g/ml) ML Lab File ID: 580101A73

Level: (low/med) LOW Date Received: 02/23/05

% Moisture: not dec. _____ Date Analyzed: 02/24/05

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
108-38-3	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropyl Benzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U J
120-82-1	1,2,4-Trichlorobenzene	0.50	U
1330-20-7	Xylene (total)	0.50	U
110-82-7	Cyclohexane	0.50	U
108-87-2	Methylcyclohexane	0.50	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIPBLK022305

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5801

Matrix: (soil/water) WATER Lab Sample ID: 580102

Sample wt/vol: 25 (g/ml) ML Lab File ID: 580102B73

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume:_____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U J
74-87-3	Chloromethane	0.50	U J
75-01-4	Vinyl Chloride	0.50	U
74-83-9	Bromomethane	0.50	U J
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
75-15-0	Carbon disulfide	0.50	U
76-13-1	1,1,2-trichloro-1,2,2-triflu	0.50	U
67-64-1	Acetone	2.5	U J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl-tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-butanone	2.5	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon Tetrachloride	0.50	U J
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	2.5	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-hexanone	2.5	U
124-48-1	Dibromochloromethane	0.50	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIPBLK022305

Lab Name: COMPUCHEM Method: 8260B

Lab Code: LIBRTY Case No.: SAS No.: SDG No.: 5801

Matrix: (soil/water) WATER Lab Sample ID: 580102

Sample wt/vol: 25 (g/ml) ML Lab File ID: 580102B73

Level: (low/med) LOW Date Received: 02/24/05

% Moisture: not dec. _____ Date Analyzed: 02/25/05

GC Column: ZB-624 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
108-38-3	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropyl Benzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
1330-20-7	Xylene (total)	0.50	U
110-82-7	Cyclohexane	0.50	U
108-87-2	Methylcyclohexane	0.50	U

Laboratory Narrative

CompuChem
a division of Liberty Analytical Corporation
501 Madison Avenue
Cary, N.C. 27513
Tel: 919/379-4100 Fax: 919/379-4050

SDG NARRATIVE

SDG # 5801
PROTOCOL: SW-846
SAMPLE IDENTIFICATIONS: TRIPBLANK and TRIPBLK022305.

The two water samples listed above were received intact, properly refrigerated between 2.0-3.2°C with proper documentation, in sealed shipping containers, on February 23 and 24, 2005. SW-846, 3rd Edition, Update 3, 8260B was used to prepare and analyze the samples, with the exceptions and/or additions requested by the client. All pertinent Quality Assurance notices are included in the narrative section, and all pertinent Laboratory notices for SDG 5801 are included in the sample data sections.

Analysis holding time requirements were met for all of the samples. The pH values of the samples are equal to 1. All of the system monitoring compounds met recovery criteria in the analyses of the samples. All of the internal standards met response and retention time criteria in the analyses of the samples.

All Bromofluorobenzene (BFB) abundance criteria were met for tunes associated to this SDG. Overall QC criteria were met for all initial and continuing calibration standards associated to this SDG. Manual quantitations were performed on one or more of the process files associated with this SDG. The associated method blanks met all quality control criteria. The associated Laboratory Control Samples (LCS) met all accuracy criteria.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Kenneth Grzybowski
Analyst II
March 3, 2005

Sample Compliance Report

SAMPLE COMPLIANCE REPORT

Sample Delivery Group	Sampling Date	ASP Protocol	Sample ID	Matrix	Compliancy[1]				Noncompliance
					VOC	SVOC	PCB	TAL	
5798	2/22/05	2000	Trip Blank	water	No	--	--	--	VOC – ical, ccal
5798	2/23/05	2000	Tripblk022305	water	No	--	--	--	VOC – ical, ccal

1 Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

ATTACHMENT II
F039/UNDERLYING HAZARDOUS CONSTITUENTS FORM

Generator Name: Consolidated Edison Co. of N.Y. Inc.

State Manifest No.: NYE0715032

If D001, D002 or D012-D043 requires treatment to 268.48 Standards, then each underlying hazardous constituent present in the waste at the point of generation, and at a level above the UTS constituent specific treatment standard, must be listed. Enter the letter corresponding to how the waste must be managed to comply with the land disposal regulations (40 CFR 268.7) beside each constituent present.

CONSTITUENT	HOW MUST THIS CONSTITUENT BE MANAGED	WW[1] (mg/l)	NWW[2] (mg/kg)	CONSTITUENT	HOW MUST THIS CONSTITUENT BE MANAGED	WW[1] (mg/l)	NWW[2] (mg/kg)
Acenaphthylene		0.059	3.4	Carbon tetrachloride	X	0.057	6.0
Acenaphthene		0.059	3.4	Carbosulfan		0.028 [5]	1.4 [5]
Acetone		0.28	160	Chlordane (alpha & gamma)		0.0033	0.26
Acetonitrile		5.6	38 [5]	p-Chloroaniline		0.46	16
Acetophenone		0.010	9.7	Chlorobenzene		0.057	6.0
2-Acetylaminofluorene		0.059	140	Chlorobenzilate		0.10	NA
Acrolein		0.29	NA	2-Chloro-1, 3-butadiene		0.057	0.28 [5]
Acrylamide		19 [5]	23 [5]	Chlorodibromomethane		0.057	15
Acrylonitrile		0.24	84	Chloroethane		0.27	6.0
Aldicarb sulfone		0.056 [5]	0.28 [5]	bis(2-Chloroethoxy)methane		0036	7.2
Aldrin		0.021	0.066	bis(2-Chloroethyl)ether		0.033	6.0
4-Aminobiphenyl		013	NA	Chloroform		0.046	6.0
Aniline		0.81	14	bis(2-Chloroisopropyl)ether		0.055	7.2
Anthracene		0.059	3.4	2,4-Dichlorophenoxyacetic acid/2,4-D		0.72	10
Aramite		0.36	NA	p-Chloro-m-cresol		0.018	14
alpha-BHC		0.00014	0.066	2-Chloroethyl vinyl ether		0.062 [5]	NA [5]
beta-BHC		0.00014	0.066	Chloromethane/Methyl chloride		0.19	30
delta-BHC		0.023	0.066	2-Chloronaphthalene		0.055	5.6
gamma-BHC (Lindane)		0.0017	0.066	2-Chlorophenol		0.044	5.7
Carbaryl		0.056 [5]	1.4 [5]	3-Chloropropylene		0.036	30
Bendiocarb		0.056 [5]	1.4 [5]	Chrysene		0.059	3.4
Bendiocarb phenol		0.056 [5]	1.4 [5]	o-Cresol		0.11	5.6
Benomyl		0.056 [5]	1.4 [5]	Cresol (m- and p- isomers)		0.77	5.6
Benzene	X	0.14	10	m-Cumenyl methylcarbamate		0.056 [5]	1.4 [5]
Benz(a)anthracene		0.059	3.4	Cyclohexanone		0.36	0.75 [4,5]
Benzal chloride		0.055 [5]	6.0 [5]	1,2-Dibromo-3-chloropropane		0.11	15
Benzo(b)fluoranthene [6]	X	0.11	6.8	1,2-Dibromoethane(Ethylene dibromide)		0.028	15
Benzo(k)fluoranthene [6]	X	0.11	6.8	Dibromomethane		0.11	15
Benzo(g,h,i)perylene	X	0.0055	1.8	2,4-Dichlorophenoxyacetic acid (2,4-D)		0.72	10
Benzo (a) pyrene	X	0.061	3.4	o, p'-DDD		0.023	0.087
Bromodichloromethane		0.35	15	p,p'-DDD		0.023	0.087
Bromomethane (Methyl bromide)		0.11	15	o, p'-DDE		0.031	0.087
4-Bromophenyl phenyl ether		0.055	15	p,p'-DDE		0.031	0.087
n-Butanol (n-Butyl alcohol)		5.6	2.6	o, p'-DDT		0.0039	0.087
Butylate		0.042	1.4	p,p'-DDT		0.0039	0.087
Butyl benzyl phthalate		0.017	28	Dibenz(a,h)anthracene	X	0.055	8.2
2-sec-Butyl-4,6-dinitrophenol (Dinoseb)		0.066	2.5	Dibenz(a,e) pyrene	X	0.061	NA
Carbaryl		0.006 [5]	0.14 [5]	m-Dichlorobenzene		0.036	6.0
Carbenzadim		0.056 [5]	1.4 [5]	o-Dichlorobenzene		0.088	6.0
Carbofuran		0.006 [5]	0.14 [5]	p-Dichlorobenzene		0.090	6.0
Carbofuran phenol		0.056 [5]	1.4 [5]	Dichlorodifluoromethane		0.23	7.2
Carbon disulfide	X	3.8	4.8 [4,5]	1,1 -Dichloroethane		0.059	6.0

CONSTITUENT	HOW MUST THIS CONSTITUENT BE MANAGED	WW[1] (mg/l)	NWW[2] (mg/kg)	CONSTITUENT	HOW MUST THIS CONSTITUENT BE MANAGED	WW[1] (mg/l)	NWW[2] (mg/kg)
1 2-Dichloroethane		0.21	6.0	Hexachlorocyclopentadiene		0.057	2.4
1.1-Dichloroethylene		0.025	6.0	Hexachlorodibenzo-p-dioxins		0.000063	0.001
trans-1,2-Dichloroethylene		0.054	30	Hexachlorodibenzo-furans		0.000063	0.001
2,4-Dichlorophenol		0.044	14	Hexachloroethane		0.055	30
2,6-Dichlorophenol		0.044	14	Hexachloropropylene		0.035	30
1,2-Dichloropropane		0.85	18	Indeno (1,2,3-c,d) pyrene	X	0.0055	3.4
cis- 1,3-Dichloropropylene		0.036	18	Iodomethane		0.19	65
trans-1,3-Dichloropropylene		0.036	18	Isobutanol (Isobutyl alcohol)		5.6	170
Dieldrin		0.017	0.13	Isodrin		0.021	0.066
Diethylene glycol, dicarbamate		0.056 [5]	1.4 [5]	Isolan		0.056 [5]	1.4 [5]
Diethyl phthalate		0.20	28	Isosafrole		0.081	2.6
p-Dimethylaminoazobenzene		0.13 [5]	NA	Kepone		0.0011	0.13
2,4-Dimethyl phenol		0.036	14	Methacrylonitrile		0.24	84
Dimethyl phthalate		0.047	28	Methanol	X	56	0.75 [4,5]
Dimetilan		0.056 [5]	1.4 [5]	Methapyrilene		0081	15
Di-n-butyl phthalate		0057	28	Methiocarb		0.056 [5]	1.4 [5]
1,4-Dinitrobenzene		032	2.3	Methomyl		0.028 [5]	0.14 [5]
4,6-Dinitro-o-cresol		028	160	Methoxychlor		0.25	0.18
2,4-Dinitrophenol		0.12	160	3-Methylcholanthrene		0.0055	15
2,4-Dinitrotoluene		0.32	140	4,4-Methylene bis(2-chloroaniline)		0.50	30
2,6-Dinitrotoluene		0.55	28	Methylene chloride	X	0.089	30
Di-n-octyl phthalate		0.017	28	Methyl ethyl ketone		0.28	36
Di-n-propylnitrosoamine		0.40	14	Methyl isobutyl ketone		0.14	33
1,4-Dioxane		12.0	170	Methyl methacrylate		0.14	160
Diphenylamine [6]		0.92	13 [5]	Methyl methanesulfonate		0.018	NA
phenylnitrosamine [6]		0.92	13 [5]	Methyl parathion		0.014	4.6
..2-Diphenylhydrazine		0.087	N.A.	Metolcarb		0.056 [5]	1.4 [5]
Disulfoton		0.017	6.2	Mexacarbate		0.056 [5]	1.4 [5]
Dithiocarbamates (total)		0.028 [5]	28 [5]	Molinate		0.042 [5]	1.4 [5]
Endosulfan I		0.023	0.066	Naphthalene	X	0.059	5.6
Endosulfan II		0.029	0.13	2-Naphthylamine		0.52	NA
Endosulfan sulfate		0.029	0.13	o-Nitroaniline		0.27 [5]	14 [5]
Endrin		0.0028	0.13	p-Nitroaniline		0.028	28
Endrin aldehyde		0.025	0.13	Nitrobenzene		0.068	14
EPTC		0.042 [5]	1.4 [5]	5-Nitro-o-toluidine		0.32	28
Ethyl acetate		0.34	33	o-Nitrophenol		0.028 [5]	13 [5]
Ethyl benzene	X	0.057	10	p-Nitrophenol		0.12	29
Ethyl cyanide (Propanenitrite)		0.24	360	N-Nitrosodiethylamine		0.40	28
Ethyl ether		0.12	160	N-Nitrosodimethylamine		0.40	2.3 [5]
bis-(2-Ethylhexyl) phthalate		0.28	28	N-Nitroso-di-n-butylamine		0.40	17
Ethyl methacrylate		0.14	160	N-Nitrosomethylethylamine		0.40	2.3
Ethylene oxide		0.12	N.A	N-Nitrosomorpholine		0.40	2.3
Famphur		0.017	15	N-Nitrosopiperidine		0.013	35
Fluoranthene	X	0.068	3.4	N-Nitrosopyrrolidine		0.013	35
Fluorene	X	0.059	3.4	Oxamyl		0.056 [5]	0.28 [5]
Formetanate hydrochloride		0.056 [5]	1.4 [5]	Parathion		0.014	4.6
Formparanate		0.056 [5]	1.4 [5]	PCBs (Total) all isomers or Aroclors	X	0.10	10
Heptachlor		0.0012	0.066	Pebulate		0.042 [5]	1.4 [5]
Heptachlor epoxide		0.016	0.066	Pentachlorobenzene		0.055	10
Hexachlorobenzene		0.055	10	Pentachloroethane		0.055 [5]	6.0 [5]
Hexachlorobutadiene		0.055	5.6	Pentachlorodibenzo-furans		0.000035	0.001

CONSTITUENT	HOW MUST THIS CONSTITUENT BE MANAGED	WW[1] (mg/l)	NWW[2] (mg/kg)	CONSTITUENT	HOW MUST THIS CONSTITUENT BE MANAGED	WW[1] (mg/l)	NWW[2] (mg/kg)
Pentachlorodibenzo-p-dioxins		0.000063	0.001	2,4,6-Tribromophenol		0.035 [5]	7.4 [5]
Pentachloronitrobenzene		0.055	4.8	1,2,4-Trichlorobenzene		0.055	19
Pentachlorophenol		0.089	7.4	1,1,1-Trichloroethane		0.054	6.0
Phenacetin		0.081	16	1,1,2-Trichloroethane		0.054	6.0
Phenanthrene	X	0.059	5.6	Trichloroethylene		0.054	6.0
Phenol		0.039	6.2	Trichloromonofluoromethane		0.020	30
o-Phenylenediamine		0.056 [5]	5.6 [5]	2,4,5-Trichlorophenol		0.18	7.4
Phorate		0.021	4.6	2,4,6-Trichlorophenol		0.035	7.4
Phthalic acid		0.055 [5]	28 [5]	2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)		0.72 [5]	7.9 [5]
Phthalic anhydride		0.055	28 [5]	1,2,3-Trichloropropane		0.85	30
Physostigmine		0.056 [5]	1.4 [5]	1,1,2-Trichloro-1,2,2-trifluoroethane	X	0.057	30
Physostigmine salicylate		0.056 [5]	1.4 [5]	Triethylamine		0.081	1.5
Promecarb		0.056 [5]	14 [5]	tris-(2,3-Dibromopropyl) phosphate		0.11	0.10 [5]
Pronamide		0.093	1.5	Vernolate		0.042 [5]	1.4 [5]
Propham		0.056 [5]	1.4 [5]	Vinyl chloride		0.27	6.0
Propoxur		0.056 [5]	1.4 [5]	Xylenes (sum of o-, m-, and p- isomers)		0.32	30
Prosulfocarb		0.042 [5]	1.4 [5]	Antimony		1.9	115 [4]
Pyrene	X	0.067	8.2	Arsenic		1.4	5.0 [4]
Pyridine	X	0.014	16	Barium		12	21 [4]
Safrole		0.081	22	Beryllium		0.82	1.22 [4,5]
Silvex (2,4,5-TP)		0.72	7.9	Cadmium		0.69	0.19 [4]
1,2,4,5-Tetrachlorobenzene		0.055	14	Chromium (Total)		2.77	0.60 [4]
Tetrachlorodibenzo-p-dioxins		0.000063	0.001	Cyanides (Total) [6]		1.2	590
Tetrachlorodibenzo-furans		0.000063	0.001	Cyanides (Amenable) [6]		0.86	30
1,1,1,2-Tetrachloroethane		0.057	6.0	Fluoride		35	NA
1,1,2,2-Tetrachloroethane		0.057	6.0	Lead		0.69	0.75 [4]
Tetrachloroethylene		0.056	6.0	Mercury - Nonwastewater from Retort		NA [3]	0.20 [4,5]
2,3,4,6-Tetrachlorophenol		0.030	7.4	Mercury - All Others		0.15	0.025 [4]
Thiodicarb		0.019 [5]	1.4 [5]	Nickel		3.98	11 [4]
Thiophanate-methyl		0.056 [5]	1.4 [5]	Selenium		0.82	5.7 [4]
Tirpate		0.056 [5]	0.28 [5]	Silver		0.43	0.14 [4]
Toluene	X	0.080	10	Sulfide		14	NA
Toxaphene		0.0095	2.6	Thallium		1.4	0.20 [4,5]
Triallate		0.042 [5]	1.4 [5]	Vanadium		4.3	1.6 [4,5]
Tribromomethane (Bromoform)		0.63	15	Zinc [7]		2.61	4.3 [4]

tes:

1. Concentration standards for wastewaters are expressed in mg/l and are based on analysis of composite samples.
2. Except for Metals (EP or TCLP) and Cyanides (Total and Amenable) the nonwastewater treatment standards expressed as a concentration were established, in part, based upon incineration in units operated in accordance with the technical requirements of 40 CFR part 264, subpart O or 40 CFR part 265, subpart O, or based upon combustion in fuel substitution units operating in accordance with applicable technical requirements. A facility may comply with these treatment standards according to provisions in 40 CFR 268.40(d). All concentration standards for nonwastewaters are based on analysis of grab samples
3. Both Cyanides (Total) and Cyanides (Amenable) for nonwastewaters are to be analyzed using Method 9010 or 9012, found in Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, " EPA Publication SW-846, as incorporated by reference in 40 CFR 260.11, with a sample size of 10 grams and a distillation time of one hour and 15 minutes.
4. These concentrations are expressed in mg/l and are measured through an analysis of TCLP extract.
5. These constituents are only applicable as Underlying Hazardous Constituents. They are not constituents requiring treatment in F039 wastes.
6. These constituents are regulated by the sum of their concentration instead of as individual constituents.
7. Zinc is not an Underlying Hazardous Constituent requiring treatment in D001, D002, or D012-D043wastes.

"I certify under penalty of law that the waste has been treated in accordance with the requirements of 40 CFR 268.40 to remove the hazardous characteristic. This decharacterized waste contains underlying hazardous constituents that require further treatment to meet universal treatment standards. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine and imprisonment.

Signature: _____ Title: _____ Date: _____

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

(Rev. 3/97)

Please type or print. Do not staple.

1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 of	Information in the shaded areas is not required by Federal law.
WASTE MANIFEST	[illegible]	1	

3. Generator's Name and Mailing Address
Consolidated Edison Co. of N.Y.
[illegible]
L.I.C., N.Y. 11105-2048

A. NYE0582984

B. Generator's ID [illegible]

4. Generator's Telephone Number (718) 204-4047

C. State Transporter's ID X4-39014 PA

5. Transporter 1 (Company Name): Horwith Trucks Inc.

6. US EPA ID Number: PAD146711879

D. Transporter's Telephone (610) 261-2220

7. Transporter 2 (Company Name)

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services LLC 2/11/7
1950 Balmer Road
Model City, N.Y. 14107

10. US EPA ID Number: NYD049836679

G. State Facility ID

H. Facility Telephone (716) 754-8231

GENERATOR

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, PG III	001	CM	05318	K	EPA STATE 2003
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above

a. PCB Solid Waste

b.

c.

d.

K. Handling Codes for Wastes Listed Above

a. [illegible] c.

b. d.

15. Special Handling Instructions and Additional Information

81535996

Date Received From Service 2/4. Title shipment [illegible] Inc. Action Site, 26 NW. Service 716-284-4160 acknowledged. [illegible] PRIOR Regional Response/RESPAP [illegible] Post Office Box 26 Federal Plaza N.Y., NY 10278 Work Order [illegible] Public Hazard Mitigation Cable Tank FA263

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Mo.	Day	Year
Michael DeLeombus	Michael DeLeombus	11	06	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Jim Nay	Jim Nay	11	06	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year
[illegible]	[illegible]	11	07	00

In case of agency or spill immediately call the National Response Center (800) 424-8802 and NYS Department of Environmental Conservation (518) 457-7362

NYE0582984

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST

P.O. Box 12820, Albany, New York 12212

#5614

Please type or print. Do not staple. (Rev. 3/97)

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. N Y D 9 8 0 5 9 3 6 3 6 | Manifest Doc. No. 20,119 | 2. Page 1 of 1 | Information within heavy bold line is not required by Federal Law

3. Generator's Name and Mailing Address
Att. M.DeLeonibus
Consolidated Edison Co. of N.Y.
31-01 20th Ave.
L.I.C., N.Y. 11105-2048

4. Generator's Telephone Number (718) 204-4047

A. NYE0582984
B. Generator's ID SAME

5. Transporter 1 (Company Name): Horwith Trucks Inc.
6. US EPA ID Number: P A D 1 4 6 7 1 4 8 7 8
C. State Transporter's ID: XH-39014 PA
D. Transporter's Telephone (610) 261-2200

7. Transporter 2 (Company Name)
8. US EPA ID Number
E. State Transporter's ID
F. Transporter's Telephone ( )

9. Designated Facility Name and Site Address
CWM Chemical Services
1550 Balmer Road
Model City, N.Y. 14107
10. US EPA ID Number: N Y D 0 9 8 3 6 6 7 9
G. State Facility ID
H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. RQ, POLYCHLORINATED BIPHENYLS, SOLID, UN2315, PG III	0 0 1	CM	00318	P	EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials listed Above
a. PCB Bulk Waste
b.
c.
d.

K. Handling Codes for Wastes Listed Above
a. c.
b. d.

15. Special Handling Instructions and Additional Information
Date Removed From Service 9/6 This shipment contains RQ, White asbestos(Chrysotile, Actinolite anthophyllite, tremolite), 9 UN2590, PGIII Regional Asbestos/NESHAP
EMERGENCY RESPONSE PHONE 716-204-4100 PROFILE 39261 Coordinator DSRPA Region II Rm 500 26 Federal Plaza N.Y. NY 10278
Work Order # 573121 Double Bagged Asbestos Cubic Yards PA263

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a small generator, I have made a good faith effort to minimize my waste and select the best waste management method that is available to me and that I can afford.

GENERATION

Printed/Typed Name	Signature	Mo.	Day	Year
Michael DeLeonibus	Michael DeLeonibus	11	06	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year
Jim Nay	Jim Nay	11	06	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Mo.	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Mo.	Day	Year

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 1-Disposer State-Mailed by TSD Facility

89280

CON EDISON - CHAIN OF CUSTODY FORM
WASTE TRACKING - SHIPPING PAPERS

Date: 10/30/00

Job Site: Astoria | Unit ID #(Manhole): | Account #: H7348

Location: Transformer Shop Building 82 | Removed by: | Empl #:

Delivered by: | Empl #:

Department: | Location Delivered/Address (ie. Company Location or Vendor): PCB Shed

Vehicle License Plate #: | Generator's Phone #: 204-4182

Vehicle # Used to Transport Waste: | Drums Pass QA/QC Inspection (Stores): Y N Reason for rejection:

EPA ID # (field location): | Empl #: 84491

Received By:

CHARACTERIZATION (check box, circle where req'd, fill in quantity) **Emergency Phone #: CIG(212) 684-2030**

☐ **Asbestos**

Total Cubic Yds: _____ Total Linear Ft _____ No.of Bags/Drums _____ Unique Drum #: _____

Description: Environmentally Hazardous Substance, Solid N.O.S. (Asbestos), CL 9, NA3077, PGIII; ERG-171

☐ **Benzene Hazardous Waste***

No. of Drums/Bags: _____ No. of Gals/Lbs_____ Solid/Liquid E2MIS Unique Drum #: _____

Description: Hazardous Waste Liquid N.O.S. (Benzene) NA 3082 CL 9, PG III ERG-171 EPA Waste Code: D018 ;
Hazardous Waste Solid N.O.S. (Benzene) NA 3077 CL 9, PG III ERG-171 EPA Waste Code: D018

☐ **Mercury Hazardous Waste*** E2MIS Unique Drum #: _____

No. of Regulators/Float Switches/Flame Sensors/Meter,etc:(Circle One)_____ No. of Containers/Bags _____

Regulator #_____ Service Register # _____ Est. Weight of Item/Drum _____

Description: Waste Mercury Solid (In Manufactured Articles) CL 8, UN2809 PGIII EPA Waste Code: D009; ERG-172

Concrete from BA Foyer - Post RCRA Closure

☒ **PCB Hazardous Waste** ☐ **No Sludge/Cable Pulling** ☐ **PCB-Contaminated Equip** (State Code B004)

No.of Solid/Liquid Drums: 4 No.of Units/Bags _____ PCB Result >50<499 ppm E2MIS Unique Drum #: 82-00-29-1

There is NO quantity limitation on PCB Waste except liquid over 500 ppm must be directly transported to Astoria

Description: Polychlorinated Biphenlys (Non-DOT Regulated) State Waste Code: B002 ERG-171 (LIQUID)
Polychlorinated Biphenlys (Non-DOT Regulated) State Waste Code: B007 ERG-171 (SOLID)

☐ **PILC Waste***

No. of Bags/Drums _____ Est. Weight of Bag/Drum _____ E2MIS Unique Drum #: _____

Description: Hazardous Waste Solid N.O.S. (PCB/Lead Debris) CL 9, NA 3077 ERG-171;EPA/State Waste Code: D008/B007,PGIII

☐ **Lead Paint Chips*** ☐ **Grit**

No. of Bags/Drums _____ Est. Weight of Bag/Drum _____ E2MIS Unique Drum #: _____

Description: Hazardous Waste Solid N.O.S. (Paint Chips) CL 9, NA 3077 EPA Waste Code: D008, ERG-171; PGIII

☐ **Non-Hazardous Waste**

Description: _____ No. of Bags/Drums _____ Solid/ Liquid Unique Drum #: _____

Description: No DOT Shipping name required

☐ **Universal Waste** (Batteries, Mercury Thermostats - circle one)

No. of Items/Units/Drums_____ Est. Weight of Containers _____ Unique Drum #: _____

Description: No DOT Shipping name required

☐ **Other Misc Waste** (flammable, corrosive,etc)

No. of Items/Units_____ No. of containers/bags _____ Unique Drum #: _____

Contact Environmental Support when have miscellaneous waste to ensure proper shipping name.

*** If Hazardous Waste generated from field location being brought back to Service Center, generator must be less than 220lbs; Location must be a Conditionally Exempt Small Quantity Generator (CESQG); otherwise must use Hazardous Waste Manifest.**

NOTE: A copy of chemical analysis report must be submitted to Stores along with this form for PCB & Non-Hazardous Waste

General Conversion Chart: **Solid:** 1-55 gal drum = 800 lbs **Liquid:** 1-55 gal drum = 440 lbs; 27.5 gal liquid = 220lbs; 1 gal = 8 lbs

S0636

T.S.D.F **Date:** 10/30/00

Drum Receiving Sheet

	Drum#	Drum Type	Drum Date	Drum Wght	Manifest #	Document #
1	1255	Solid	10/27/00		Building 82	
2	1256	↓	10/27/00		↓	↓
3	1257		10/30/00			
4	1258	↓	10/30/00			
5						
6						
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28						

CHAIN OF CUSTODY FORM
WASTE TRACKING - SHIPPING PAPERS

Date: 10/27/00

Job Site: Astoria | Unit ID #(Manhole): _____ | Account #: 08072

Location: Transformer Shop Building 82 | Removed by: [redacted] M. Webster | Empl #: 14890

Delivered by: [redacted] M. Webster | Empl #: 14890

Department: _____ | Location Delivered/Address (ie. Company Location or Vendor): _____

Vehicle License Plate #: _____

Vehicle # Used to Transport Waste: _____ | Generator's Phone #: 204-7182

EPA ID # (field location): _____ | Drums Pass QA/QC Inspection (Stores): Y N | Reason for rejection: _____

Received By: [redacted] | Empl #: 18064

CHARACTERIZATION (check box, circle where req'd, fill in quantity) **Emergency Phone #: CIG(212) 684-2030**

☐ **Asbestos**

Total Cubic Yds: _____ Total Linear Ft _____ No.of Bags/Drums _____ Unique Drum #: _____

Description: Environmentally Hazardous Substance, Solid N.O.S. (Asbestos), CL 9, NA3077, PGIII; ERG-171

☐ **Benzene Hazardous Waste***

No. of Drums/Bags: _____ No. of Gals/Lbs _____ Solid/Liquid E2MIS Unique Drum #: _____

Description: Hazardous Waste Liquid N.O.S. (Benzene) NA 3082 CL 9, PG III ERG-171 EPA Waste Code: D018

Hazardous Waste Solid N.O.S. (Benzene) NA 3077 CL 9, PG III ERG-171 EPA Waste Code: D018

☐ **Mercury Hazardous Waste***

E2MIS Unique Drum #: _____

No. of Regulators/Float Switches/Flame Sensors/Meters etc: Circle One _____ No. of Containers/Bags _____

Regulator # _____ Service Register # _____ Est. Weight of Item/Drum _____

Description: Waste Mercury Solid In Manufactured Articles, CL 9, UN2809 PGIII EPA Waste Code: D009; ERG-171

Or create Each NA Folder - Part of RCRA Closure

☑ **PCB Hazardous Waste** ☐ **No Sludge/Cable Pulling*** ☐ **PCB-Contaminated Equip** (State Code B004)

No.of Solid/Liquid Drums: [redacted] No.of Units/Bags: _____ PCB Result: 2.52 < 500 ppm E2MIS Unique Drum #: 52-00-28

There is NO quantity limitation on PCB Waste except liquid over 500 ppm must be directly transported to Astoria

Description: Polychlorinated Biphenlys (Non-DOT Regulated) State Waste Code: B002 ERG-171 (LIQUID)

Polychlorinated Biphenlys (Non-DOT Regulated) State Waste Code: B007 ERG-171 (SOLID)

☐ **PILC Waste***

No. of Bags/Drums _____ Est. Weight of Bag/Drum _____ E2MIS Unique Drum #: _____

Description: Hazardous Waste Solid N.O.S. (PCB/Lead Debris) CL 9, NA 3077 ERG-171;EPA/State Waste Code: D008/B007,PGIII

☐ **Lead Paint Chips*** ☐ **Grit**

No. of Bags/Drums _____ Est. Weight of Bag/Drum _____ E2MIS Unique Drum #: _____

Description: Hazardous Waste Solid N.O.S. (Paint Chips) CL 9, NA 3077 EPA Waste Code: D008, ERG-171; PGIII

☐ **Non-Hazardous Waste**

Description: _____ No. of Bags/Drums _____ Solid / Liquid Unique Drum #: _____

Description: No DOT Shipping name required

☐ **Universal Waste** (Batteries, Mercury Thermostats - circle one)

No. of Items/Units/Drums _____ Est. Weight of Containers _____ Unique Drum #: _____

Description: No DOT Shipping name required

☐ **Other Misc Waste** (flammable, corrosive,etc)

No. of Items/Units _____ No. of containers/bags _____ Unique Drum #: _____

Contact Environmental Support when have miscellaneous waste to ensure proper shipping name.

*** If Hazardous Waste generated from field location being brought back to Service Center, generator must be less than 220lbs; Location must be a Conditionally Exempt Small Quantity Generator (CESQG); otherwise must use Hazardous Waste Manifest.**

NOTE: A copy of chemical analysis report must be submitted to Stores along with this form for PCB & Non-Hazardous Waste

General Conversion Chart: **Solid:** 1-55 gal drum = 800 lbs **Liquid:** 1-55 gal drum = 440 lbs; 27.5 gal liquid = 220lbs; 1 gal = 8 lbs

50635

T.S.D.F **Date:** 10/27/00

Drum Receiving Sheet

	Drum#	Drum Type	Drum Date	Drum Wght	Manifest #	Document #
1	1245	Solid	10/25/00	BLDG 82 (TECH SERVICE CLOSURE		
2	1246					
3	1247					
4	1248					
5	1249					
6	1250					
7	1251					
8	1252					
9	1253					
10	1254					
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CON EDISON - CHAIN OF CUSTODY FORM
WASTE TRACKING - SHIPPING PAPERS

89267 44

Date: 11/2/00

Job Site: Astoria Bldg 82 Unit ID #(Manhole): _____ Account # C8990

Location: Transformer Shop Removed by: C. JOHNSON-OTERO Empl #: 43694

Delivered by: _____ Empl #: _____

Department: Dist Eng Location Delivered/Address (ie. Company Location or Vendor): _____

Vehicle License Plate #: _____

Vehicle # Used to Transport Waste: _____ Generator's Phone #: 718 204 4247

EPA ID # (field location): _____ Drums Pass QA/QC Inspection (Stores): Y N Reason for rejection:

Received By: _____ Empl #: 7169 _____

CHARACTERIZATION (check box, circle where req'd, fill in quantity) **Emergency Phone #: CIG(212) 684-2030**

☐ **Asbestos**

Total Cubic Yds: _____ Total Linear Ft _____ No.of Bags/Drums _____ Unique Drum #: _____

Description: Environmentally Hazardous Substance, Solid N.O.S. (Asbestos), CL 9, NA3077, PGIII; ERG-171

☐ **Benzene Hazardous Waste***

No. of Drums/Bags: _____ No. of Gals/Lbs _____ Solid/Liquid E2MIS Unique Drum #: _____

Description: Hazardous Waste Liquid N.O.S. (Benzene) NA 3082 CL 9, PG III ERG-171 EPA Waste Code: D018 ;
Hazardous Waste Solid N.O.S. (Benzene) NA 3077 CL 9, PG III ERG-171 EPA Waste Code: D018

☐ **Mercury Hazardous Waste*** E2MIS Unique Drum #: _____

No. of Regulators/Float Switches/Flame Sensors/Meter,etc:(Circle One) _____ No. of Containers/Bags _____

Regulator # _____ Service Register # _____ Est. Weight of Item/Drum _____

Description: Waste Mercury Solid (In Manufactured Articles) CL 8, UN2809 PGIII EPA Waste Code: D009; ERG-172

PCB Solid debris > 50 < 499 ppm

☒ **PCB Hazardous Waste** ☐ **No Sludge/Cable Pulling** ☐ **PCB-Contaminated Equip** (State Code B004)

No.of Solid/Liquid Drums: 1 55gal No.of Units/Bags _____ PCB Result _____ E2MIS Unique Drum #: 82-00-309

There is NO quantity limitation on PCB Waste except liquid over 500 ppm must be directly transported to Astoria

Description: Polychlorinated Biphenlys (Non-DOT Regulated) State Waste Code: B002 ERG-171 (LIQUID)
Polychlorinated Biphenlys (Non-DOT Regulated) State Waste Code: B007 ERG-171 (SOLID)

☐ **PILC Waste***

No. of Bags/Drums _____ Est. Weight of Bag/Drum _____ E2MIS Unique Drum #: _____

Description: Hazardous Waste Solid N.O.S. (PCB/Lead Debris) CL 9, NA 3077 ERG-171;EPA/State Waste Code: D008/B007,PGIII

☐ **Lead Paint Chips*** ☐ **Grit**

No. of Bags/Drums _____ Est. Weight of Bag/Drum _____ E2MIS Unique Drum #: _____

Description: Hazardous Waste Solid N.O.S. (Paint Chips) CL 9, NA 3077 EPA Waste Code: D008; ERG-171; PGIII

☐ **Non-Hazardous Waste**

Description: _____ No. of Bags/Drums _____ Solid / Liquid Unique Drum #: _____

Description: No DOT Shipping name required.

☐ **Universal Waste** (Batteries, Mercury Thermostats - circle one)

No. of Items/Units/Drums _____ Est. Weight of Containers _____ Unique Drum #: _____

Description: No DOT Shipping name required

☐ **Other Misc Waste** (flammable, corrosive,etc)

No. of Items/Units _____ No. of containers/bags _____ Unique Drum #: _____

Contact Environmental Support when have miscellaneous waste to ensure proper shipping name.

*** If Hazardous Waste generated from field location being brought back to Service Center, generator must be less than 220lbs;**
Location must be a Conditionally Exempt Small Quantity Generator (CESQG) that can use Hazardous Waste Manifest.

NOTE: A copy of chemical analysis report must be submitted to Stores along with this form for PCB & Non-Hazardous Waste

General Conversion Chart: **Solid:** 1-55 gal drum = 800 lbs **Liquid:** 1-55 gal drum = 440 lbs; 27.5 gal liquid = 220lbs; 1 gal = 8 lbs