Appendix D

Analytical Test Results and Data Usability Supplemental Information

D Analytical Test Results and Data Usability Supplemental Information

Laboratory analysis, and data validation, reporting, and assessment were conducted as described in Section 4 of the *Quality Assurance Project Plan (QAPP) for the Phase II Environmental Site Assessment at the Final Candidate Sites for the Sediment Processing/Transfer Facility*, included as Appendix B of the *Hudson River PCBs Superfund Site Facility Siting Work Plan* (Ecology and Environment, Inc. August 2003). Data qualifiers were added to the reported results to indicate limitations on data usability. Data qualifiers for detected results are included on the analytical summary tables in this section. Data qualifiers for all results are included on the complete data tables included in this appendix. Data qualifiers added during the data validation process were evaluated relative to the specific data needs for the project. Data qualifiers were not adjusted, but the impact of the analytical deviations on the specific usability of the data for facility site assessment is summarized in Section 3.2.3 of this *Data Summary Report: Site-Specific Field Investigations of Final Candidate Sites.*

Field Quality Control Samples

Field quality control (QC) samples were collected and analyzed as presented in Section 2.5 of the *QAPP,* with the exception of field quality assurance (QA) split samples. Field QA splits for non-Contract Laboratory Program (CLP) samples were a U.S. Army Corps of Engineers (USACE) specific requirement that was later waived based on the minimal number of samples collected for these analyses. Field QC samples were not collected on a site-specific basis and the results for all QC samples are presented herein.

Trip blanks were purchased from the vendor that supplied the sample containers and were shipped with each set of water samples. Trip blank results are summarized on Table D-1-1 and complete analytical results are presented in Table D-1-2. The trip blanks had low levels of acetone, methylene chloride, and chloroform and somewhat higher levels of 2-butanone. With the exception of 2-butanone, the compounds detected in the trip blank also were detected in laboratory method blanks at similar levels below the Contract Required Reporting Limit (CRDL). The low level results in most samples are qualified "U" as non-detected and reported results were elevated to the CRDL. 2-Butanone was not present in any of the associated water samples at levels above the CRDL.

Field duplicates were collected at various sites for representative matrices. The field duplicates were collected at the required frequency for both solid and water matrices. The field duplicates are included on the analytical summary tables in Section 3 of each FCS report and on the complete data tables presented herein. Table D-2-1 to 12 show the relative percent difference (RPD) of the detected analytes in each field duplicate. The RPD is a measure of the overall precision of the sampling and analytical program. Field duplicates show generally good precision for all matrices. Overall, the organic compounds are present at low levels, and in most cases the compounds were detected in one but not both of the field duplicates. Therefore, the RPD could not be calculated.

Rinseate samples were not required for most sampling procedures because the sampling equipment was disposable or dedicated to a particular sample. Two rinseate samples were collected and the results are summarized on Table D-3-1; complete analytical results are presented in Table D-3-2. Rinseate RB-A was collected from the Eckman dredge used to collect sample GPS-SE05. Rinseate RB-B was collected from split spoons that were used to collect boring samples GPS-GP01-SB, NCC-GP02-SB, and NCC-GP-5-SB. Low levels of metals and bis(2-ethylhexyl)phthalate were detected in the rinseates. The levels in the samples were much higher than rinseates for all analytes except zinc. Zinc levels in the samples are less than fives times the blank level and may be attributable to field background.

Laboratory Quality Control Procedures

Liberty Analytical conducted organic analysis for Target Compound List (TCL) analytes and E & E's Analytical Services Center (ASC) conducted analysis for herbicides (see QAPP Section 2.4). The laboratory QC parameters included method blanks, matrix spikes/matrix spike duplicates (MS/MSDs), surrogates, and instrument calibration. All data are valid and acceptable except for those analytes flagged "R" as unusable. Analytes are qualified "J" as estimated or "JN" as presumptive evidence, i.e., the analyte is present at an estimated concentration. Data also are flagged "U" as non-detected and reported results may be elevated to the CRDL or "UJ" as non-detected at an estimated reporting value. A general description of the laboratory QC results is provided below. The specific results are represented as qualifiers on the individual data points.

- Method blanks show low levels of common laboratory contaminants, including acetone, methylene chloride, toluene, 2-butanone, and bis(2-ethylhexyl)phthalate. In almost all the cases, the sample results were less than 10 times the method blank and below the CRDL. The results were flagged "U" and reported at the CRDL.

- Surrogate recoveries were generally within acceptable limits. A few samples were flagged "J" and "UJ" due to surrogate recoveries.

- MS/MSD data are used in conjunction with other laboratory QC data to evaluate the overall precision and accuracy. No action was taken based on MS/MSD data alone and no additional QC warranted qualification of the data.

- Calibration was monitored based on the percent relative standard deviation (%RSD) for initial calibration and percent difference (%D) for continuing calibration. Many detected analytes were flagged "J" as estimated, based on calibration criteria. Many non-detected analytes were reported ""UJ" as having an estimated reporting limit based on calibration criteria.

- Internal standards measure the performance and sensitivity of each analysis for TCL volatiles and semivolatiles. Internal standards outside the accepted range indicate potential matrix effects. Many detected analytes were flagged "J" as estimated based on internal standard areas. Many non-detected analytes were reported "UJ" as having an estimated reporting limit based on internal standard areas. In some cases, non-

detect analytes were rejected because the internal standard areas were sufficiently low.

- Compound identification for pesticide fractions was based on analysis on second dissimilar column and retention time. Many analytes below the CRDL were flagged "U" as non-detect and reported at the CRDL due to high variability between the primary and confirmation analysis. Some pesticides were flagged "JN" or "R" as rejected due to the percent difference.

For analysis of volatile and semivolatile organic compounds, the laboratory reported tentatively identified compounds (TICs) on the hard copy reports. The TICs were evaluated by the data validator and rejected "R" or flagged "U" if the TICs also were present in the method blank, considered an artifact of the analysis, or given no designation as to the type of compound present. The remaining TICs will be evaluated by the project chemist and categorized for each site as necessary. In all cases, TIC-reported values are considered to be highly estimated.

Chemtech conducted inorganic analysis for Target Analyte List (TAL) metals and mercury and EPA's Region 2 laboratory conducted analysis for TAL total cyanide and TOC (see QAPP Section 2.4). The laboratory QC parameters included method blanks, MS/MSDs, CRDL standard, inductively coupled plasma (ICP) serial dilution, and instrument calibration. All data are valid and acceptable except for those analytes flagged "R" as unusable. Analytes are qualified "J" as estimated. Analytes present below the CRDL but above the instrument detection limit (IDL) are flagged "B" as present at an estimated concentration. Data also are flagged "U" as non-detected and reported results may be elevated to the CRDL or "UJ" as non-detected at an estimated reporting value. A general description of the laboratory QC results is provided below. The specific results are represented as qualifiers on the individual data points

- CRDL standards measure the laboratory accuracy at low concentrations. Many analytes, in particular mercury, were flagged "J" as estimated within ranges near the CRDL. Some thallium non-detected values were flagged "R" as rejected.

- ICP spectroscopy serial dilution measures the laboratory accuracy at high concentrations. Many analytes, in particular cations, were flagged "J" as estimated due to serial dilution recoveries.

- Data validation did not indicate any concerns with method blanks that result in qualification of data.

- MS/MSD data are used directly to qualify samples in the sample delivery group (SDG). When the matrix spike recovery was outside the range and the sample results were less than the four times the spike, the sample results were qualified "J" as estimated. Most of the affected analytes were low energy metals such as silver, arsenic, and selenium, which are typically subject to matrix effects.

Complete Data Tables

The analytical results were provided in electronic data deliverables (EDDs) from the laboratory. The electronic results were processed into a database and link to the field data.

The data were used to generate complete analytical data tables for each FCS as noted below:

EPL	Energy Park/Longe/NYS Canal Corporation	Tables D-4-1 to 5
OM	Old Moreau Dredge Spoils Area / NYS Canal Corporation	Tables D-5-1 to 5
GPS	Georgia Pacific/NYS Canal Corporation Site	Tables D-6-1 to 5
NCC	NYS Canal Corporation/Allco/Leyerle	Tables D-7-1 to 5
BBA	Bruno/Brickyard Associates/Alonzo	Tables D-8-1 to 5
MM	State of New York/First Rensselaer/Marine Management Site	Tables D-9-1 to 3
OG	OG Real Estate	Tables D-10-1 to 5

Table D-1-1
Analytical Data Summary of Detected Analytes for Trip Blank Samples

Method	Analyte	Sample ID:	TB-093003	TB-100103	TB-100203	TB-100603	TB-100703	TB-100903	TB-101003	TB-101303	TB-101403	TB-101503
		Date:	9/30/2003	10/1/2003	10/2/2003	10/6/2003	10/7/2003	10/9/2003	10/10/2003	10/13/2003	10/14/2003	10/15/2003
TCL Volatile Organic Compounds (µg/L)												
	1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U
	1,2-Dibromo-3-Chloropropane		**10 R**	**10 R**	**10 R**	**10 R**	**10 R**	10 U	10 U	10 U	10 U	10 U
	2-Butanone		**200**	**170 J**	**160**	**180**	**12**	**91**	**8 J**	**190**	10 U	**25 J**
	Acetone		**5 J**	**4 J**	**5 J**	**4 J**	**5 J**	10 U	10 U	10 U	10 UJ	10 UJ
	Bromoform		10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 UJ	10 U
	Chloroform		**5 J**	**3 J**	**5 J**	**4 J**	**5 J**	**4 J**	**5 J**	10 U	**4 J**	**5 J**
	Dibromochloromethane		10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U
	Methylene Chloride		**1 J**	**1 J**	**1 J**	**1 J**	**2 J**	**3 J**	**4 J**	**3 J**	**2 J**	**3 J**
	Toluene		10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U	10 U	10 U

Key:

J = The reported value is an estimated quantity.

TB = Trip blank sample.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

µg/L = Micrograms per liter.

Table D-1-1
Analytical Data Summary of Detected Analytes for Trip Blank Samples

Method / Analyte	Sample ID: TB-101603 Date: 10/16/2003
TCL Volatile Organic Compounds (µg/l	
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U
1,2-Dibromo-3-Chloropropane	10 U
2-Butanone	10 U
Acetone	10 UJ
Bromoform	10 UJ
Chloroform	**5 J**
Dibromochloromethane	10 U
Methylene Chloride	10 U
Toluene	10 U

Key:

J = The reported value is an estimate

TB = Trip blank sample.

TCL = Target Compound List.

U = The analyte was analyzed for but

µg/L = Micrograms per liter.

Table D-1-2
Complete Analytical Data Summary for Trip Blank Samples

Method / Analyte	Sample ID: / Date:	TB-093003 9/30/2003	TB-100103 10/1/2003	TB-100203 10/2/2003	TB-100603 10/6/2003	TB-100703 10/7/2003	TB-100903 10/9/2003	TB-101003 10/10/2003	TB-101303 10/13/2003	TB-101403 10/14/2003	TB-101503 10/15/2003	TB-101603 10/16/2003
TCL Volatile Organic Compounds (µg/L)												
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ
1,1-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		**10 R**	**10 R**	**10 R**	**10 R**	**10 R**	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone		**200**	**170 J**	**160**	**180**	**12**	**91**	**8 J**	**190**	10 U	**25 J**	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ	10 U
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone		**5 J**	**4 J**	**5 J**	**4 J**	**5 J**	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Benzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 UJ	10 U	10 UJ
Bromomethane		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ
Carbon Tetrachloride		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform		**5 J**	**3 J**	**5 J**	**4 J**	**5 J**	**4 J**	**5 J**	10 U	**4 J**	**5 J**	**5 J**
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ
Dibromochloromethane		10 U	10 U	10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U
Ethylbenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-1-2
Complete Analytical Data Summary for Trip Blank Samples

Method / Analyte	Sample ID: / Date:	TB-093003 9/30/2003	TB-100103 10/1/2003	TB-100203 10/2/2003	TB-100603 10/6/2003	TB-100703 10/7/2003	TB-100903 10/9/2003	TB-101003 10/10/2003	TB-101303 10/13/2003	TB-101403 10/14/2003	TB-101503 10/15/2003	TB-101603 10/16/2003
Isopropylbenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Acetate		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 UJ	10 U
Methyl Tert-Butyl Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylcyclohexane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		**1 J**	**1 J**	**1 J**	**1 J**	**2 J**	**3 J**	**4 J**	**3 J**	**2 J**	**3 J**	10 U
Styrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene		10 U	10 U	10 U	10 U	**2 J**	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes (Total)		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Key:

J = The reported value is an estimated quantity.

TB = Trip blank sample.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.

µg/L = Micrograms per liter.

Table D-2-1
Field Duplicate Data Summary of Detected Analytes
for Surface Soil Samples From Sample Location OM-SS04

Analyte	Sample ID: OM-SS04 Date: 10/1/2003 Depth: 0 - 2 in	OM-SS04/D 10/1/2003 0 - 2 in	RPD	RPD Rating
TCL Volatile Organic Compounds (µg/Kg)				
Methyl Acetate	ND	3.0	NC	
TCL Semivolatile Organic Compounds (µg/Kg)				
Benzo(a)anthracene	460	ND	NC	
Benzo(a)pyrene	520	ND	NC	
Benzo(b)fluoranthene	540	ND	NC	
Benzo(g,h,i)Perylene	320	ND	NC	
Benzo(k)fluoranthene	580	ND	NC	
Bis(2-Ethylhexyl)Phthalate	ND	970	NC	
Chrysene	590	ND	NC	
Dibenzo(a,h)anthracene	190	ND	NC	
Fluoranthene	720	ND	NC	
Indeno(1,2,3-cd)pyrene	450	ND	NC	
Phenanthrene	290	ND	NC	
Pyrene	630	ND	NC	
TCL Pesticides and PCBs (µg/Kg)				
4,4'-DDE	ND	0.88	NC	
4,4'-DDT	ND	4.5	NC	
alpha-Chlordane	2.0	ND	NC	
Endosulfan I	ND	1.0	NC	
gamma-Chlordane	1.8	ND	NC	
TAL Metals and Mercury (mg/Kg)				
Aluminum	12300	15400	22%	Good
Arsenic	4.4	6.3	36%	Good
Barium	153	158	3%	Good
Beryllium	0.64	0.77	18%	Good
Calcium	17700	31300	56%	Good
Chromium	22.0	26.4	18%	Good
Cobalt	13.9	15.7	12%	Good
Copper	26.6	31.3	16%	Good
Iron	22700	28800	24%	Good
Lead	13.0	15.9	20%	Good
Magnesium	7810	12000	42%	Good
Manganese	668	728	9%	Good
Nickel	31.3	35.7	13%	Good
Potassium	1800	2170	19%	Good
Selenium	ND	0.73	NC	
Sodium	167	ND	NC	
Vanadium	27.4	32.2	16%	Good
Zinc	70.9	79.0	11%	Good

Table D-2-1
Field Duplicate Data Summary of Detected Analytes
for Surface Soil Samples From Sample Location OM-SS04

Key:

/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
NYS = New York State.
OM = Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.
PCB = Polychlorinated biphenyl.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-2
Field Duplicate Data Summary of Detected Analytes
for Surface Soil Samples From Sample Location BBA-SS05

Analyte	Sample ID: BBA-SS05 Date: 10/3/2003 Depth: 0 - 2 in	BBA-SS05/D 10/3/2003 0 - 2 in	RPD	RPD Rating
TCL Semivolatile Organic Compounds (µg/Kg)				
4-Chloro-3-Methylphenol	ND	94	NC	
Anthracene	ND	91	NC	
Benzo(a)anthracene	ND	110	NC	
Benzo(a)pyrene	110	86	24%	Good
Benzo(b)fluoranthene	190	270	35%	Good
Caprolactam	ND	160	NC	
Chrysene	170	330	64%	Good
Fluoranthene	130	200	42%	Good
Indeno(1,2,3-cd)pyrene	ND	120	NC	
Phenanthrene	83	180	74%	Poor
Pyrene	130	210	47%	Good
TCL Pesticides and PCBs (µg/Kg)				
4,4'-DDD	4.6	ND	NC	
4,4'-DDT	6.7	8.2	20%	Good
Dieldrin	ND	5.0	NC	
Endrin Ketone	6.5	6.3	3%	Good
TAL Metals and Mercury (mg/Kg)				
Arsenic	6.2	9.4	41%	Good
Barium	17.9	38.7	73%	Poor
Beryllium	0.1	0.1	0%	Good
Calcium	1110	1040	7%	Good
Chromium	1.2	1.4	15%	Good
Cobalt	1.4	1.4	0%	Good
Copper	11.0	9.2	18%	Good
Iron	6060	7320	19%	Good
Lead	10.8	10.4	4%	Good
Magnesium	361	373	3%	Good
Manganese	57.6	65.8	13%	Good
Nickel	2.3	2.9	23%	Good
Potassium	196	187	5%	Good
Selenium	1.2	2.3	63%	Good
Sodium	195	ND	NC	
Vanadium	4.7	4.8	2%	Good
Zinc	13.4	14.6	9%	Good
Mercury	0.14	0.34	83%	Poor
Total Cyanide (mg/Kg)				
Cyanide Tot.	0.21	0.17	21%	Good

Table D-2-2
Field Duplicate Data Summary of Detected Analytes
for Surface Soil Samples From Sample Location BBA-SS05

Key:

BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
PCB = Polychlorinated biphenyl.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-3
Field Duplicate Data Summary of Detected Analytes
for Surface Soil Samples From Sample Location MM-SS01

Analyte	Sample ID: MM-SS01 Date: 10/8/2003 0 - 2 in	MM-SS01/D 10/8/2003 0 - 2 in	RPD	RPD Rating
TCL Semivolatile Organic Compounds (µg/Kg)				
4-Chloro-3-methylphenol	ND	120	NC	
4-Nitrophenol	ND	440	NC	
Acenaphthylene	85	130	42%	Good
Anthracene	210	310	38%	Good
Benzo(a)anthracene	740	1100	39%	Good
Benzo(a)pyrene	840	1100	27%	Good
Benzo(b)fluoranthene	910	2300	87%	Poor
Benzo(g,h,i)perylene	420	700	50%	Good
Benzo(k)fluoranthene	890	ND	NC	
Bis(2-ethylhexyl)phthalate	87	210	83%	Poor
Carbazole	130	160	21%	Good
Chrysene	880	1300	39%	Good
Dibenzo(a,h)anthracene	300	480	46%	Good
Fluoranthene	1300	1900	38%	Good
Fluorene	ND	84	NC	
Indeno(1,2,3-cd)pyrene	700	1100	44%	Good
Phenanthrene	830	1300	44%	Good
Pyrene	1300	2000	42%	Good
TCL Pesticide and PCBs (µg/Kg)				
4,4'-DDE	5.5	7.4	29%	Good
4,4'-DDT	24	32	29%	Good
Endrin Aldehyde	3.9	4.5	14%	Good
TAL Metals and Mercury (mg/Kg)				
Aluminum	5960	6380	7%	Good
Antimony	2.1	4.4	71%	Poor
Arsenic	6.3	9.4	39%	Good
Barium	231	269	15%	Good
Beryllium	0.38	0.43	12%	Good
Cadmium	1.1	1.2	9%	Good
Calcium	12900	12400	4%	Good
Chromium	28.0	23.6	17%	Good
Cobalt	6.5	7.5	14%	Good
Copper	54.1	59.7	10%	Good
Iron	17200	19100	10%	Good
Lead	499	773	43%	Good
Magnesium	4520	4590	2%	Good
Manganese	353	404	13%	Good
Nickel	40.3	45.1	11%	Good

Table D-2-3
Field Duplicate Data Summary of Detected Analytes
for Surface Soil Samples From Sample Location MM-SS01

Analyte	Sample ID: / Date:	MM-SS01 10/8/2003 0 - 2 in	MM-SS01/D 10/8/2003 0 - 2 in	RPD	RPD Rating
Potassium		954	1070	11%	Good
Selenium		1.3	1.7	27%	Good
Silver		0.97	1.2	21%	Good
Vanadium		20.9	24.3	15%	Good
Zinc		481	531	10%	Good
Mercury		0.52	0.56	7%	Good
Total Cyanide (mg/Kg)					
Cyanide		0.35	ND	NC	

Key:

/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
MM = State of New York/First Rensselaer/Marine Management Site.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
PCB = Polychlorinated biphenyl.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-4
Field Duplicate Data Summary of Detected Analytes
for Subsurface Soil Samples From Sample Location EPL-GP05-SB

Analyte	Sample ID: / Date:	EPL-GP05-SB 10/1/03	EPL-GP05-SB/D 10/1/03	RPD	RPD Rating
TCL Semivolatile Organic Compounds (µg/Kg)					
Di-n-octylphthalate		100	ND	NC	
TAL Metals and Mercury (mg/Kg)					
Aluminum		3090	3570	14%	Good
Barium		17.2	20.8	19%	Good
Beryllium		0.18	0.20	11%	Good
Calcium		2150	9460	126%	Poor
Chromium		3.3	7.1	73%	Poor
Cobalt		2.8	2.9	4%	Good
Copper		7.2	8.5	17%	Good
Iron		3810	5050	28%	Good
Lead		2.2	14.6	148%	Poor
Magnesium		1260	2260	57%	Good
Manganese		25.2	57.3	78%	Poor
Nickel		4.0	6.7	50%	Good
Potassium		185	339	59%	Good
Selenium		ND	0.97	NC	
Sodium		ND	158	NC	
Vanadium		7.6	9.7	24%	Good
Zinc		28.3	35.3	22%	Good

Key:

/D = Duplicate sample.
EPL = Energy Park/Longe site/NYS Canal Corporation Site.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
ND = Not Detected.
NC = Not Calculated.
NS = Not Sampled.
NYS = New York State.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-5
Field Duplicate Data Summary of Detected Analytes
for Subsurface Soil Samples From Sample Location GPS-GP03-SB

Analyte	Sample ID: / Date: / Depth:	GPS-GP03-SB 10/8/2003 9.5 - 12 ft	GPS-GP03-SB/D 10/8/2003 9.5 - 12 ft	RPD	RPD Rating
TCL Volatile Organic Compounds (µg/Kg)					
Acetone		25.00	ND	NC	
Carbon Disulfide		0.80	ND	NC	
Cyclohexane		0.50	0.60	18%	Good
TAL Metals and Mercury (mg/Kg)					
Aluminum		8710	8660	1%	Good
Arsenic		8.20	13.20	47%	Good
Barium		82	95	15%	Good
Beryllium		1	1	5%	Good
Calcium		2990	2580	15%	Good
Chromium		11	14	22%	Good
Cobalt		11.20	14.30	24%	Good
Copper		22.00	20.70	6%	Good
Iron		27800	28600	3%	Good
Lead		12.80	11.70	9%	Good
Magnesium		4050	3660	10%	Good
Manganese		2360	1880	23%	Good
Nickel		21.10	24.60	15%	Good
Potassium		517	576	11%	Good
Vanadium		16.80	17.40	4%	Good
Zinc		52.90	55.10	4%	Good

Key:

/D = Duplicate sample.
GPS = Georgia Pacific Site/NYS Canal Corporation Site.
mg/Kg = Milligrams per kilogram.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
NYS = New York State.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-6
Field Duplicate Data Summary of Detected Analytes
for Subsurface Soil Samples From Sample Location BBA-SS05

Sample ID: / Date:	BBA-SS05 10/3/2003	BBA-SS05/D 10/3/2003	RPD	RPD Rating
TCL Volatile Organic Compounds (µg/Kg)				
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.40	ND	NC	
Trichlorofluoromethane	ND	0.80	NC	
TCL Pesticides (µg/Kg)				
4,4'-DDE	ND	0.80	NC	
TAL Metals and Mercury (mg/Kg)				
Aluminum	4570	3850	17%	Good
Arsenic	3.3	3.0	10%	Good
Barium	27.6	21.3	26%	Good
Beryllium	0.23	0.22	4%	Good
Calcium	1970	1590	21%	Good
Chromium	7.2	6.6	9%	Good
Cobalt	8.5	6.5	27%	Good
Copper	13.5	13.3	1%	Good
Iron	12000	10400	14%	Good
Lead	6.1	7.1	15%	Good
Magnesium	2260	1840	20%	Good
Manganese	340	213	46%	Good
Nickel	14	11	23%	Good
Potassium	552.0	479.0	14%	Good
Vanadium	12	13	6%	Good
Zinc	35.6	33.5	6%	Good

Key:

BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
PCB = Polychlorinated biphenyl.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-7
Field Duplicate Data Summary of Detected Analytes
for Sediment Samples From Sample Location NCC-SE06

Analyte	Sample ID: / Date:	NCC-SE06 10/2/2003	NCC-SE06/D 10/2/2003	RPD	RPD Rating
TCL Volatile Organic Compounds (µg/Kg)					
Trichlorofluoromethane		0.40	NS	NC	
TAL Metals and Mercury (mg/Kg)					
Aluminum		7570	NS	NC	
Arsenic		5.4	NS	NC	
Barium		80.5	NS	NC	
Beryllium		0.4	NS	NC	
Cadmium		ND	NS	NC	
Calcium		3240	NS	NC	
Chromium		10.4	NS	NC	
Cobalt		9	NS	NC	
Copper		19	NS	NC	
Iron		21900	NS	NC	
Lead		15.3	NS	NC	
Magnesium		4490	NS	NC	
Manganese		835	NS	NC	
Nickel		18.3	NS	NC	
Potassium		787	NS	NC	
Selenium		ND	NS	NC	
Sodium		352	NS	NC	
Vanadium		12.6	NS	NC	
Zinc		63.6	NS	NC	
Total Organic Carbon (mg/Kg)					
Total Organic Carbon		8100	8600	6%	Good
Percent Solids (%)					
Percent Solids		72	NS	NC	

Key:

/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
ND = Not Detected.
NC = Not Calculated .
NCC = NYS Canal Corporation / Allco / Leyerle site.
NS = Not Sampled.
NYS = New York State.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SE = Sediment sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.

Table D-2-7
Field Duplicate Data Summary of Detected Analytes
for Sediment Samples From Sample Location NCC-SE06

Analyte	Sample ID: / Date:	NCC-SE06 / 10/2/2003	NCC-SE06/D / 10/2/2003	RPD	RPD Rating
TCL Volatile Organic Compounds (µg/Kg)					

% = Percent.

Table D-2-8
Field Duplicate Data Summary of Detected Analytes
for Sediment Samples From Sample Location BBA-SE01

Sample ID: / Date:	BBA-SE01 10/6/03	BBA-SE01/D 10/6/03	RPD	RPD Rating
TCL Semivolatile Organic Compounds (µg/L)				
Cyclohexane	0.30	ND	NC	
Toluene	0.50	ND	NC	
Fluoranthene	7.0	ND	NC	
Benzo(g,h,i)perylene	ND	150	NC	
TAL Metals and Mercury (µg/L)				
Arsenic	7.6	5.4	34%	Good
Barium	44.3	39.9	10%	Good
Beryllium	0.34	0.39	14%	Good
Calcium	2320	1960	17%	Good
Chromium	6.5	5.6	15%	Good
Cobalt	7.6	7.3	4%	Good
Copper	10.8	9.6	12%	Good
Iron	21100	16600	24%	Good
Lead	9.0	11.1	21%	Good
Magnesium	2920	2090	33%	Good
Manganese	530	527	1%	Good
Nickel	12.2	10.2	18%	Good
Potassium	439	388	12%	Good
Vanadium	10.1	8.9	13%	Good
Zinc	40.1	33.7	17%	Good
Total Organic Carbon (mg/Kg)	6200	4800	25%	Good
Percent Solids (%)	81	78	4%	Good

Key:

BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/Kg = Milligrams per kilogram.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SE = Sediment sample.
TAL = Target Analyte List.
TCL = Target Compound List.
µg/Kg = Micrograms per kilogram.
% = Percent.

Table D-2-9
Field Duplicate Data Summary of Detected Analytes
for Ground Water Samples From Sample Location BBA-GP03-GW

Analyte	Sample ID: / Date:	BBA-GP03-GW 10/15/2003	BBA-GP03-GW/D 10/15/2003	RPD	RPD Rating
Analyte					
TAL Metals and Mercury (µg/L)					
Barium		55.50	56.10	1%	Good
Calcium		70300	70100	0%	Good
Chromium		7.50	ND	NC	
Cobalt		1.90	ND	NC	
Copper		1.50	1.80	18%	Good
Iron		4230	4030	5%	Good
Lead		ND	ND	NC	
Magnesium		21700	21600	0%	Good
Manganese		1150	1140	1%	Good
Nickel		8.40	ND	NC	
Potassium		1620	1630	1%	Good
Selenium		ND	ND	NC	
Sodium		9640	9640	0%	Good
Zinc		26.60	28.70	8%	Good

Key:

BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
GW = Groundwater sample.
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
TAL = Target Analyte List.
µg/L = Micrograms per liter.
% = Percent.

Table D-2-10
Field Duplicate Data Summary of Detected Analytes
for Surface Water Samples From Sample Location GPS-SW03

Analyte	Sample ID: / Date:	GPS-SW03 10/9/2003	GPS-SW03/D 10/9/2003	RPD	RPD Rating
TAL Metals and Mercury (µg/L)					
Aluminum		216	256	17%	Good
Barium		15.00	15.70	5%	Good
Calcium		18100	18100	0%	Good
Copper		3.70	4.10	10%	Good
Iron		597	886	39%	Good
Magnesium		5440	5430	0%	Good
Manganese		54.2	65.2	18%	Good
Nickel		2.3	9.8	124%	Poor
Potassium		1690	1730	2%	Good
Sodium		6210	6130	1%	Good
Vanadium		3.0	3.0	0%	Good
Zinc		39.0	34.5	12%	Good
Anions (mg/L)					
Chloride		9.69	9.56	1%	Good
Fluoride		0.08	0.11	25%	Good
Sulfate		17.1	16.8	2%	Good
Hardness (mg/L)					
Hardness (As CaCO3)		145	165	13%	Good

Key:

/D = Duplicate sample.
GPS = Georgia Pacific Site/NYS Canal Corporation Site.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/L = Milligrams per liter
ND = Not Detected.
NC = Not Calculated .
NS = Not Sampled.
NYS = New York State.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SW = Surface water sample.
TAL = Target Analyte List.
µg/L = Micrograms per liter.
% = Percent.

Table D-2-11
Field Duplicate Data Summary of Detected Analytes
for Surface Water Samples From Sample Location NCC-SW04

Analyte	Sample ID: / Date:	NCC-SW04/D 10/2/2003	NCC-SW04 10/2/2003	RPD	RPD Rating
Analyte					
TAL Metals and Mercury (µg/L)					
Barium		30.0	28.9	4%	Good
Calcium		37500	37300	1%	Good
Copper		2.4	1.2	67%	Poor
Iron		63.8	51.7	21%	Good
Magnesium		11400	11300	1%	Good
Manganese		156	151	3%	Good
Nickel		3.00	ND	NC	
Potassium		1270	1310	3%	Good
Selenium		ND	3.10	NC	
Sodium		4230	4870	14%	Good
Zinc		21.0	19.3	8%	Good
Anions (mg/L)					
Chloride		5.32	5.31	0%	Good
Fluoride		0.13	0.12	6%	Good
Sulfate		3.40	3.38	1%	Good
Hardness (mg/L)					
Hardness (As CaCO3)		235	250	6%	Good

Key:

/D = Duplicate sample.
Good = RPD is less than 70% for Solid Matrix and 40% for Water Matrix.
mg/L = Milligrams per liter
ND = Not Detected.
NC = Not Calculated .
NCC = NYS Canal Corporation / Allco / Leyerle site.
NS = Not Sampled.
NYS = New York State.
Poor = RPD is greater than 70% for Solid Matrix and 40% for Water Matrix.
RPD = Relative Percent Difference.
SW = Surface water sample.
TAL = Target Analyte List.
µg/L = Micrograms per liter.
% = Percent.

Table D-3-1
Analytical Data Summary of Detected Analytes for Rinsate Blank Samples

Analyte / Sample ID: / Date:	RB-A 10/9/2003	RB-B 10/9/2003
TCL Volatile Organic Compounds (µg/L)		
Methylene Chloride	**6 J**	**6 J**
TCL Semivolatile Organic Compounds (µg/L)		
Bis(2-Ethylhexyl)Phthalate	**2 J**	10 U
Di-n-Butylphthalate	**6 J**	**4 J**
TAL Metals and Mercury (µg/L)		
Aluminum	**63 B**	**47.7 B**
Calcium	38.6 U	**86 B**
Copper	**4 B**	1 U
Potassium	**31.1 B**	29.8 U
Vanadium	**2 B**	**1.3 B**
Zinc	**41 J**	**25.5 J**
Mercury	0.1 U	0.1 U

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

J = The reported value is an estimated quantity.

RB = Rinsate blank sample.

TAL = Target Analyte List.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

µg/L = Micrograms per liter.

Table D-3-2
Complete Analytical Data Summary for Rinsate Blank Samples

Analyte / Sample ID: / Date:	RB-A 10/9/2003	RB-B 10/9/2003
TCL Volatile Organic Compounds (µg/L)		
1,1,1-Trichloroethane	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U
1,1-Dichloroethane	10 U	10 U
1,1-Dichloroethene	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U
1,2-Dibromo-3-Chloropropane	10 U	10 U
1,2-Dibromoethane	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U
1,2-Dichloroethane	10 U	10 U
1,2-Dichloropropane	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U
2-Butanone	10 U	10 U
2-Hexanone	10 U	10 U
4-Methyl-2-Pentanone	10 U	10 U
Acetone	10 U	10 U
Benzene	10 U	10 U
Bromodichloromethane	10 U	10 U
Bromoform	10 U	10 U
Bromomethane	10 U	10 U
Carbon Disulfide	10 U	10 U
Carbon Tetrachloride	10 U	10 U
Chlorobenzene	10 U	10 U
Chloroethane	10 U	10 U
Chloroform	10 U	10 U
Chloromethane	10 U	10 U
Cis-1,2-Dichloroethene	10 U	10 U
Cis-1,3-Dichloropropene	10 U	10 U
Cyclohexane	10 U	10 U
Dibromochloromethane	10 U	10 U
Dichlorodifluoromethane	10 U	10 U
Ethylbenzene	10 U	10 U
Isopropylbenzene	10 U	10 U
Methyl Acetate	10 U	10 U
Methyl Tert-Butyl Ether	10 U	10 U
Methylcyclohexane	10 U	10 U
Methylene Chloride	**6 J**	**6 J**
Styrene	10 U	10 U
Tetrachloroethene	10 U	10 U
Toluene	10 U	10 U
Trans-1,2-Dichloroethene	10 U	10 U
Trans-1,3-Dichloropropene	10 U	10 U
Trichloroethene	10 U	10 U
Trichlorofluoromethane	10 U	10 U
Vinyl Chloride	10 U	10 U
Xylenes (Total)	10 U	10 U

Table D-3-2
Complete Analytical Data Summary for Rinsate Blank Samples

Analyte	Sample ID: / Date:	RB-A 10/9/2003	RB-B 10/9/2003
TCL Semivolatile Organic Compounds (µg/L)			
1,1'-Biphenyl		10 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U
2,4,5-Trichlorophenol		25 U	25 U
2,4,6-Trichlorophenol		10 U	10 U
2,4-Dichlorophenol		10 U	10 U
2,4-Dimethylphenol		10 U	10 U
2,4-Dinitrophenol		25 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U
2,6-Dinitrotoluene		10 U	10 U
2-Chloronaphthalene		10 U	10 U
2-Chlorophenol		10 U	10 U
2-Methylnaphthalene		10 U	10 U
2-Methylphenol		10 U	10 U
2-Nitroaniline		25 U	25 U
2-Nitrophenol		10 U	10 U
3,3'-Dichlorobenzidine		10 UJ	10 U
3-Nitroaniline		25 U	25 U
4,6-Dinitro-2-Methylphenol		25 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U
4-Chloroaniline		10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U
4-Methylphenol		10 U	10 U
4-Nitroaniline		25 U	25 U
4-Nitrophenol		25 UJ	25 UJ
Acenaphthene		10 U	10 U
Acenaphthylene		10 U	10 U
Acetophenone		10 U	10 U
Anthracene		10 U	10 U
Atrazine		10 U	10 U
Benzaldehyde		10 U	10 U
Benzo(A)Anthracene		10 U	10 U
Benzo(A)Pyrene		10 U	10 U
Benzo(B)Fluoranthene		10 U	10 U
Benzo(G,H,I)Perylene		10 UJ	10 UJ
Benzo(K)Fluoranthene		10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U
Bis(2-Ethylhexyl)Phthalate		**2 J**	10 U
Butylbenzylphthalate		10 U	10 U
Caprolactam		10 U	10 U
Carbazole		10 UJ	10 UJ
Chrysene		10 U	10 U
Dibenzo(A,H)-Anthracene		10 U	10 U
Dibenzofuran		10 U	10 U
Diethylphthalate		10 U	10 U
Dimethylphthalate		10 U	10 U
Di-N-Butylphthalate		**6 J**	**4 J**

Table D-3-2
Complete Analytical Data Summary for Rinsate Blank Samples

Analyte / Sample ID: / Date:	RB-A 10/9/2003	RB-B 10/9/2003
Di-N-Octylphthalate	10 U	10 U
Fluoranthene	10 U	10 U
Fluorene	10 U	10 U
Hexachlorobenzene	10 U	10 U
Hexachlorobutadiene	10 U	10 U
Hexachlorocyclo-Pentadiene	10 UJ	10 UJ
Hexachloroethane	10 U	10 U
Indeno(1,2,3-Cd)-Pyrene	10 U	10 U
Isophorone	10 U	10 U
Naphthalene	10 U	10 U
Nitrobenzene	10 U	10 U
N-Nitroso Diphenylamine	10 U	10 U
N-Nitroso-Di-N Propylamine	10 U	10 U
Pentachlorophenol	25 U	25 U
Phenanthrene	10 U	10 U
Phenol	10 U	10 U
Pyrene	10 U	10 U
TCL Pesticide and PCBs (µg/L)		
4,4'-DDD	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U
Aroclor-1016	1 U	1 U
Aroclor-1221	2 U	2 U
Aroclor-1232	1 U	1 U
Aroclor-1242	1 U	1 U
Aroclor-1248	1 U	1 U
Aroclor-1254	1 U	1 U
Aroclor-1260	1 U	1 U
Beta-BHC	0.05 U	0.05 U
Delta-BHC	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U
Endrin	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U
Toxaphene	5 U	5 U

Table D-3-2
Complete Analytical Data Summary for Rinsate Blank Samples

Analyte	Sample ID: / Date:	RB-A 10/9/2003	RB-B 10/9/2003
TAL Metals and Mercury (µg/L)			
Aluminum		**63 B**	**47.7 B**
Antimony		9.2 U	9.2 U
Arsenic		5.8 U	5.8 U
Barium		1.2 U	1.2 U
Beryllium		0.1 U	0.1 U
Cadmium		0.7 U	0.7 U
Calcium		38.6 U	**86 B**
Chromium		1 U	1 U
Cobalt		1.3 U	1.3 U
Copper		**4 B**	1 U
Iron		27.9 U	27.9 U
Lead		2.2 U	2.2 U
Magnesium		39.5 U	39.5 U
Manganese		0.4 UJ	0.4 UJ
Nickel		2.3 U	2.3 U
Potassium		**31.1 B**	29.8 U
Selenium		3.8 U	3.8 U
Silver		1.4 UJ	1.4 UJ
Sodium		470 U	470 U
Thallium		6.8 U	6.8 U
Vanadium		**2 B**	**1.3 B**
Zinc		**41 J**	**25.5 J**
Mercury		0.1 U	0.1 U
Total Cyanide (µg/L)			
Cyanide Tot.		5 U	5 U

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

J = The reported value is an estimated quantity.

RB = Rinsate blank sample.

TAL = Target Analyte List.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.

µg/L = Micrograms per liter.

Table D-4-1
Complete Analytical Data Summary for Surface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID:	EPL-SS01	EPL-SS02	EPL-SS03	EPL-SS04	EPL-SS05	EPL-SS06	EPL-SS07	EPL-SS08	EPL-SS09
	Date:	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)										
1,1,1-Trichloroethane		13 U	--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane		13 U	--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		1 J	--	--	--	--	--	--	--	--
1,1,2-Trichloroethane		13 U	--	--	--	--	--	--	--	--
1,1-Dichloroethane		13 U	--	--	--	--	--	--	--	--
1,1-Dichloroethene		13 U	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene		13 U	--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane		13 U	--	--	--	--	--	--	--	--
1,2-Dibromoethane		13 U	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene		13 U	--	--	--	--	--	--	--	--
1,2-Dichloroethane		13 U	--	--	--	--	--	--	--	--
1,2-Dichloropropane		13 U	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		13 U	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		13 U	--	--	--	--	--	--	--	--
2-Butanone		13 U	--	--	--	--	--	--	--	--
2-Hexanone		13 U	--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone		13 U	--	--	--	--	--	--	--	--
Acetone		13 U	--	--	--	--	--	--	--	--
Benzene		13 U	--	--	--	--	--	--	--	--
Bromodichloromethane		13 U	--	--	--	--	--	--	--	--
Bromoform		13 U	--	--	--	--	--	--	--	--
Bromomethane		13 U	--	--	--	--	--	--	--	--
Carbon Disulfide		13 U	--	--	--	--	--	--	--	--
Carbon Tetrachloride		13 U	--	--	--	--	--	--	--	--
Chlorobenzene		13 U	--	--	--	--	--	--	--	--
Chloroethane		13 U	--	--	--	--	--	--	--	--
Chloroform		13 U	--	--	--	--	--	--	--	--
Chloromethane		13 U	--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene		13 U	--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene		13 U	--	--	--	--	--	--	--	--
Cyclohexane		13 U	--	--	--	--	--	--	--	--
Dibromochloromethane		13 U	--	--	--	--	--	--	--	--
Dichlorodifluoromethane		13 U	--	--	--	--	--	--	--	--

Table D-4-1
Complete Analytical Data Summary for Surface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: EPL-SS01 Date: 9/29/2003 Depth: 0 - 2 in	EPL-SS02 9/29/2003 0 - 2 in	EPL-SS03 9/29/2003 0 - 2 in	EPL-SS04 9/29/2003 0 - 2 in	EPL-SS05 9/29/2003 0 - 2 in	EPL-SS06 9/29/2003 0 - 2 in	EPL-SS07 9/29/2003 0 - 2 in	EPL-SS08 9/29/2003 0 - 2 in	EPL-SS09 9/29/2003 0 - 2 in
Ethylbenzene	13 U	--	--	--	--	--	--	--	--
Isopropylbenzene	13 U	--	--	--	--	--	--	--	--
Methyl Acetate	13 U	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	13 U	--	--	--	--	--	--	--	--
Methylcyclohexane	13 U	--	--	--	--	--	--	--	--
Methylene Chloride	13 U	--	--	--	--	--	--	--	--
Styrene	13 U	--	--	--	--	--	--	--	--
Tetrachloroethene	13 U	--	--	--	--	--	--	--	--
Toluene	13 U	--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene	13 U	--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene	13 U	--	--	--	--	--	--	--	--
Trichloroethene	13 U	--	--	--	--	--	--	--	--
Trichlorofluoromethane	13 U	--	--	--	--	--	--	--	--
Vinyl Chloride	13 U	--	--	--	--	--	--	--	--
Xylenes (Total)	13 U	--	--	--	--	--	--	--	--
TCL Semivolatile Organic Compounds									
1,1'-Biphenyl	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2,2'-Oxybis(1- Chloropropane)	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2,4,5-Trichlorophenol	1200 U	990 U	1000 U	970 U	1000 U	1000 U	1000 U	1600 U	1400 U
2,4,6-Trichlorophenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2,4-Dichlorophenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2,4-Dimethylphenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2,4-Dinitrophenol	1200 UJ	990 UJ	1000 UJ	970 UJ	1000 UJ	1000 UJ	1000 UJ	1600 UJ	1400 UJ
2,4-Dinitrotoluene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2,6-Dinitrotoluene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2-Chloronaphthalene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2-Chlorophenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2-Methylnaphthalene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2-Methylphenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
2-Nitroaniline	1200 U	990 U	1000 U	970 U	1000 U	1000 U	1000 U	1600 U	1400 UJ
2-Nitrophenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
3,3'-Dichlorobenzidine	490 UJ	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
3-Nitroaniline	1200 U	990 U	1000 U	970 U	1000 U	1000 U	1000 U	1600 U	1400 U
4,6-Dinitro-2-Methylphenol	1200 U	990 U	1000 U	970 U	1000 U	1000 U	1000 U	1600 U	1400 U

Table D-4-1
Complete Analytical Data Summary for Surface Soil Samples
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Analyte	Sample ID:	EPL-SS01	EPL-SS02	EPL-SS03	EPL-SS04	EPL-SS05	EPL-SS06	EPL-SS07	EPL-SS08	EPL-SS09
	Date:	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
4-Bromophenyl-Phenylether		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
4-Chloro-3-Methylphenol		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
4-Chloroaniline		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
4-Chlorophenyl-Phenyl Ether		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
4-Methylphenol		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
4-Nitroaniline		1200 U	990 U	1000 U	970 U	1000 U	1000 U	1000 U	1600 U	1400 U
4-Nitrophenol		1200 U	990 UJ	1000 UJ	970 UJ	1000 UJ	1000 UJ	1000 UJ	1600 UJ	1400 UJ
Acenaphthene		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Acenaphthylene		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Acetophenone		**110 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Anthracene		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Atrazine		490 U	390 U	400 U	380 U	400 U	400 U	**91 J**	630 U	550 U
Benzaldehyde		490 U	390 UJ	400 UJ	380 UJ	400 UJ	400 UJ	410 UJ	**180 J**	550 UJ
Benzo(a)anthracene		**200 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Benzo(a)pyrene		**180 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Benzo(b)fluoranthene		**340 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Benzo(g,h,i)perylene		**130 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Benzo(k)fluoranthene		**320 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Bis(2-Chloroethoxy)Methane		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Bis-(2-Chloroethyl)Ether		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Bis(2-Ethylhexyl)Phthalate		490 U	390 U	400 U	380 U	400 U	**480**	410 U	**510 J**	550 U
Butylbenzylphthalate		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Caprolactam		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Carbazole		490 UJ	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Chrysene		**300 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Dibenzo(a,h)-anthracene		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Dibenzofuran		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Diethylphthalate		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Dimethylphthalate		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Di-n-Butylphthalate		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Di-n-Octylphthalate		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Fluoranthene		**220 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Fluorene		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Hexachlorobenzene		490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U

Table D-4-1
Complete Analytical Data Summary for Surface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Sample ID:	EPL-SS01	EPL-SS02	EPL-SS03	EPL-SS04	EPL-SS05	EPL-SS06	EPL-SS07	EPL-SS08	EPL-SS09
Date:	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
Analyte / Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Hexachlorobutadiene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Hexachlorocyclo-Pentadiene	490 UJ	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Hexachloroethane	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Indeno(1,2,3-cd)-pyrene	**200 J**	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Isophorone	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Naphthalene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Nitrobenzene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
n-Nitroso Diphenylamine	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
n-Nitroso-Di-n Propylamine	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Pentachlorophenol	1200 U	990 UJ	1000 UJ	970 UJ	1000 UJ	1000 UJ	1000 UJ	1600 UJ	1400 UJ
Phenanthrene	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Phenol	490 U	390 U	400 U	380 U	400 U	400 U	410 U	630 U	550 U
Pyrene	**230 J**	390 UJ	400 UJ	380 UJ	400 UJ	400 UJ	410 UJ	630 UJ	550 UJ
TCL Pesticides and PCBs (µg/Kg)									
4,4'-DDD	4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U
4,4'-DDE	**3.6 J**	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	**7.7**	**2.6 J**
4,4'-DDT	4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U
Aldrin	2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Alpha-BHC	2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Alpha-Chlordane	2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Aroclor-1016	49 U	39 U	40 U	38 U	40 U	40 U	41 U	63 U	55 U
Aroclor-1221	100 U	80 U	82 U	78 U	82 U	82 U	83 U	130 U	110 U
Aroclor-1232	49 U	39 U	40 U	38 U	40 U	40 U	41 U	63 U	55 U
Aroclor-1242	49 U	39 U	40 U	38 U	40 U	40 U	41 U	63 U	55 U
Aroclor-1248	49 U	39 U	40 U	38 U	40 U	40 U	41 U	63 U	55 U
Aroclor-1254	**93 J**	39 U	40 U	38 U	40 U	40 U	41 U	**150**	**57 J**
Aroclor-1260	49 U	39 U	40 U	38 U	**500**	40 U	41 U	63 U	55 U
Beta-BHC	2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Delta-BBHC	2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Dieldrin	4.9 U	3.9 U	4 U	3.8 U	**3.1 J**	4 U	4.1 U	6.3 U	5.5 U
Endosulfan I	2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Endosulfan II	4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U
Endosulfan Sulfate	4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U
Endrin	4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U

Table D-4-1
Complete Analytical Data Summary for Surface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID:	EPL-SS01	EPL-SS02	EPL-SS03	EPL-SS04	EPL-SS05	EPL-SS06	EPL-SS07	EPL-SS08	EPL-SS09
	Date:	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Endrin Aldehyde		4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U
Endrin Ketone		4.9 U	3.9 U	4 U	3.8 U	4 U	4 U	4.1 U	6.3 U	5.5 U
Gamma-BHC (Lindane)		2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Gamma-Chlordane		2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Heptachlor		2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Heptachlor Epoxide		2.5 U	2 U	2.1 U	2 U	2.1 U	2.1 U	2.1 U	3.3 U	2.8 U
Methoxychlor		25 U	20 U	21 U	20 U	21 U	21 U	21 U	33 U	28 U
Toxaphene		250 U	200 U	210 U	200 U	210 U	210 U	210 U	330 U	280 U
Herbicides (µg/Kg)										
2,4,5-T		24.0 U	--	--	--	--	--	--	--	--
2,4,5-TP (SILVEX)		24.0 U	--	--	--	--	--	--	--	--
2,4-D		24.0 U	--	--	--	--	--	--	--	--
2,4-DB		24.0 U	--	--	--	--	--	--	--	--
Dalapon		71.8 U	--	--	--	--	--	--	--	--
Dicamba		24.0 U	--	--	--	--	--	--	--	--
Dichlorprop		24.0 U	--	--	--	--	--	--	--	--
Dinoseb		24.0 U	--	--	--	--	--	--	--	--
MCPA		7180 U	--	--	--	--	--	--	--	--
MCPP		7180 U	--	--	--	--	--	--	--	--
TAL Metals and Mercury (mg/Kg)										
Aluminum		**7220**	**8630**	**7630**	**11000**	**8340**	**8620**	**8600**	**12600**	**12400**
Antimony		1.6 U	1.7 U	1.7 U	1.6 U	1.8 U	1.6 U	1.6 U	2.4 U	2.1 U
Arsenic		1 U	**1.3 B**	**1.2 B**	**4.9**	**2.1 B**	**2.7**	**2.8**	**13.1**	**9.7**
Barium		**47.7**	**44.4 B**	**33.5 B**	**75.5**	**28.8 B**	**61**	**66.5**	**88.6**	**83**
Beryllium		**0.33 B**	**0.4 B**	**0.28 B**	**0.48 B**	**0.49 B**	**0.42 B**	**0.41 B**	**3.1**	**1.6**
Cadmium		**0.18 B**	0.12 U	0.12 U	0.11 U	0.12 U	0.11 U	**0.69 B**	0.17 U	0.15 U
Calcium		**4300**	**9940**	**3740**	**49400**	**2970**	**33000**	**47200**	**4990**	**3130**
Chromium		**9.5 J**	**10 J**	**6.7 J**	**14.7 J**	**8.1 J**	**13.7 J**	**12.4 J**	**43.5 J**	**31.4 J**
Cobalt		**3.3 B**	**4.1 B**	**2.8 B**	**7.5 B**	**2.8 B**	**6.3 B**	**7.4 B**	**5.7 B**	**12.6 B**
Copper		**13.3**	**18.9**	**13.1**	**25**	**13.7**	**22.9**	**33.7**	**18.8**	**18.5**
Iron		**7150**	**8980**	**6010**	**18100**	**10000**	**12900**	**13800**	**96800**	**99900**
Lead		**18.7**	**17.1**	**8.5**	**61.4**	**10.9**	**63.4**	**21**	**44.6**	**50.8**
Magnesium		**1360**	**2690**	**1880**	**5000**	**1510**	**4750**	**7070**	**1340 B**	**1550**
Manganese		**113**	**123**	**51.4**	**379**	**47.9**	**283**	**342**	**302**	**592**

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Complete Analytical Data Summary for Surface Soil Samples
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Analyte	Sample ID:	EPL-SS01	EPL-SS02	EPL-SS03	EPL-SS04	EPL-SS05	EPL-SS06	EPL-SS07	EPL-SS08	EPL-SS09
	Date:	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003	9/29/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Nickel		6.8 B	7.3 B	5.3 B	14.8	5.9 B	13.8	13.4	17	17
Potassium		360 B	830 B	347 B	2060 J	257 B	1750 J	1920 J	525 B	388 B
Selenium		0.43 U	0.44 U	0.45 U	0.53 BJ	0.7 BJ	0.43 U	0.77 BJ	1.6 BJ	0.56 U
Silver		0.34 U	0.35 U	0.35 U	0.34 U	0.37 U	0.34 U	0.33 U	0.5 U	0.44 U
Sodium		185 B	278 B	160 B	376 B	188 B	345 B	334 B	183 U	161 U
Thallium		0.97 B	0.98 U	0.99 U	0.95 U	1 U	0.94 U	0.93 U	2 B	1.2 U
Vanadium		14.9	15	10.5 B	27.2	32.1	18.6	22.4	599	208
Zinc		43.7	45.4	36.8	92.6	33.1	87.5	74.4	37.5	58.7
Mercury		0.05 U	0.07 B	0.06 U	0.06 U	0.06 U	0.05 U	0.09 B	0.19	0.16
Total Cyanide (mg/Kg)										
Cyanide Tot.		0.17 U	0.14 U	0.15	0.2	0.23	0.33	0.14 U	0.94	1.2
Total Petroleum Hydrocarbons (mg/Kg)										
n-Hexane Extractable Material		1540	- -	- -	- -	- -	- -	- -	- -	- -
Percent Moisture (wt%)										
Percent Moisture		33	- -	- -	- -	- -	- -	- -	- -	- -
Percent Solids (%)										
Percent Solids		69	84	82	86	83	82	84	54	61

Table D-4-1
Complete Analytical Data Summary for Surface Soil Samples from the Energy Park/Longe/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
EPL = Energy Park/Longe site/NYS Canal Corporation Site.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	EPL-GP01-SB 9/29/2003 10.2 - 12 ft	EPL-GP02-SB 9/30/2003 9 - 10.9 ft	EPL-GP03-SB 9/30/2003 9.6 - 11 ft	EPL-GP04-SB 10/1/2003 4 - 6 ft	EPL-GP05-SB 10/1/2003 5 - 8 ft	EPL-GP05-SB/D 10/1/2003 5 - 8 ft	EPL-GP06-SB 10/1/2003 9.4 - 11 ft	EPL-GP07-SB 10/1/2003 7 - 9 ft
TCL Volatile Organic Compounds (µg/Kg)									
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	**0.8 J**	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Acetone		10 U	20 UJ	10 U	10 U	10 U	10 U	10 U	15 U
Benzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID:	EPL-GP01-SB	EPL-GP02-SB	EPL-GP03-SB	EPL-GP04-SB	EPL-GP05-SB	EPL-GP05-SB/D	EPL-GP06-SB	EPL-GP07-SB
	Date:	9/29/2003	9/30/2003	9/30/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
	Depth:	10.2 - 12 ft	9 - 10.9 ft	9.6 - 11 ft	4 - 6 ft	5 - 8 ft	5 - 8 ft	9.4 - 11 ft	7 - 9 ft
Ethylbenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Acetate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl tert-Butyl Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	**0.6 J**
Methylcyclohexane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Styrene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Toluene		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane		10 U	**1 J**	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes (Total)		10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/Kg)									
1,1'-Biphenyl		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2,2'-Oxybis(1- Chloropropane)		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2,4,5-Trichlorophenol		1000 U	1100 U	990 U	990 U	1000 U	1000 U	930 U	980 U
2,4,6-Trichlorophenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2,4-Dichlorophenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2,4-Dimethylphenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2,4-Dinitrophenol		1000 UJ	1100 UJ	990 UJ	990 UJ	1000 UJ	1000 UJ	930 UJ	980 UJ
2,4-Dinitrotoluene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2,6-Dinitrotoluene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2-Chloronaphthalene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2-Chlorophenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2-Methylnaphthalene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2-Methylphenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
2-Nitroaniline		1000 U	1100 U	990 U	990 U	1000 U	1000 U	930 U	980 U
2-Nitrophenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
3,3'-Dichlorobenzidine		400 UJ	420 UJ	390 UJ	390 UJ	410 UJ	410 U	370 UJ	390 UJ
3-Nitroaniline		1000 U	1100 U	990 U	990 U	1000 U	1000 U	930 U	980 U
4,6-Dinitro-2-Methylphenol		1000 U	1100 U	990 U	990 U	1000 U	1000 UJ	930 U	980 U

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte / Sample ID: / Date: / Depth:	EPL-GP01-SB 9/29/2003 10.2 - 12 ft	EPL-GP02-SB 9/30/2003 9 - 10.9 ft	EPL-GP03-SB 9/30/2003 9.6 - 11 ft	EPL-GP04-SB 10/1/2003 4 - 6 ft	EPL-GP05-SB 10/1/2003 5 - 8 ft	EPL-GP05-SB/D 10/1/2003 5 - 8 ft	EPL-GP06-SB 10/1/2003 9.4 - 11 ft	EPL-GP07-SB 10/1/2003 7 - 9 ft
4-Bromophenyl-Phenylether	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
4-Chloro-3-Methylphenol	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
4-Chloroaniline	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
4-Chlorophenyl-Phenyl Ether	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
4-Methylphenol	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
4-Nitroaniline	1000 U	1100 U	990 U	990 U	1000 U	1000 U	930 U	980 U
4-Nitrophenol	1000 U	1100 U	990 U	990 U	1000 U	1000 UJ	930 U	980 U
Acenaphthene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Acenaphthylene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Acetophenone	400 U	**100 J**	390 U	390 U	410 U	410 U	370 U	390 U
Anthracene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Atrazine	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Benzaldehyde	400 U	420 U	390 U	390 U	410 U	410 UJ	370 U	390 U
Benzo(a)anthracene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Benzo(a)pyrene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Benzo(b)fluoranthene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Benzo(g,h,i)perylene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Benzo(k)fluoranthene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Bis(2-Chloroethoxy)Methane	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Bis-(2-Chloroethyl)Ether	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Bis(2-Ethylhexyl)Phthalate	400 U	420 U	**86 J**	390 U	410 U	410 U	370 U	390 U
Butylbenzylphthalate	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Caprolactam	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Carbazole	400 UJ	420 UJ	390 UJ	390 UJ	410 UJ	410 U	370 UJ	390 UJ
Chrysene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Dibenzo(a,h)-anthracene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Dibenzofuran	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Diethylphthalate	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Dimethylphthalate	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Di-n-Butylphthalate	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Di-n-Octylphthalate	400 U	420 U	390 U	390 U	**100 J**	410 U	370 U	390 U
Fluoranthene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Fluorene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Hexachlorobenzene	400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	EPL-GP01-SB 9/29/2003 10.2 - 12 ft	EPL-GP02-SB 9/30/2003 9 - 10.9 ft	EPL-GP03-SB 9/30/2003 9.6 - 11 ft	EPL-GP04-SB 10/1/2003 4 - 6 ft	EPL-GP05-SB 10/1/2003 5 - 8 ft	EPL-GP05-SB/D 10/1/2003 5 - 8 ft	EPL-GP06-SB 10/1/2003 9.4 - 11 ft	EPL-GP07-SB 10/1/2003 7 - 9 ft
Hexachlorobutadiene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Hexachlorocyclo-Pentadiene		400 UJ	420 UJ	390 UJ	390 UJ	410 UJ	410 U	370 UJ	390 UJ
Hexachloroethane		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Indeno(1,2,3-cd)-pyrene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Isophorone		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Naphthalene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Nitrobenzene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
n-Nitroso Diphenylamine		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
n-Nitroso-Di-n Propylamine		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Pentachlorophenol		1000 U	1100 U	990 U	990 U	1000 U	1000 UJ	930 U	980 U
Phenanthrene		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Phenol		400 U	420 U	390 U	390 U	410 U	410 U	370 U	390 U
Pyrene		400 U	420 U	390 U	390 U	410 U	410 UJ	370 U	390 U
TCL Pesticides and PCBs (µg/Kg)									
4,4'-DDD		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
4,4'-DDE		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
4,4'-DDT		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Aldrin		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Alpha-BHC		2 U	2.2 UJ	2 U	2 U	2.1 U	2.1 UJ	1.9 U	2 U
Alpha-Chlordane		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Aroclor-1016		40 U	42 U	39 U	39 U	41 U	41 U	37 U	39 U
Aroclor-1221		81 U	85 U	80 U	80 U	83 U	84 U	75 U	79 U

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	EPL-GP01-SB 9/29/2003 10.2 - 12 ft	EPL-GP02-SB 9/30/2003 9 - 10.9 ft	EPL-GP03-SB 9/30/2003 9.6 - 11 ft	EPL-GP04-SB 10/1/2003 4 - 6 ft	EPL-GP05-SB 10/1/2003 5 - 8 ft	EPL-GP05-SB/D 10/1/2003 5 - 8 ft	EPL-GP06-SB 10/1/2003 9.4 - 11 ft	EPL-GP07-SB 10/1/2003 7 - 9 ft
Aroclor-1232		40 U	42 U	39 U	39 U	41 U	41 U	37 U	39 U
Aroclor-1242		40 U	42 U	39 U	39 U	41 U	41 U	37 U	39 U
Aroclor-1248		40 U	42 U	39 U	39 U	41 U	41 U	37 U	39 U
Aroclor-1254		40 U	42 U	39 U	39 U	41 U	41 U	37 U	39 U
Aroclor-1260		40 U	42 U	39 U	39 U	41 U	41 U	37 U	39 U
Beta-BHC		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	**2.8**
Delta-BBHC		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Dieldrin		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Endosulfan I		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Endosulfan II		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Endosulfan Sulfate		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Endrin		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Endrin Aldehyde		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Endrin Ketone		4 U	4.2 U	3.9 U	3.9 U	4.1 U	4.1 U	3.7 U	3.9 U
Gamma-BHC (Lindane)		2 U	2.2 U	2 U	2 U	2.1 U	2.1 UJ	1.9 U	2 U
Gamma-Chlordane		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Heptachlor		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Heptachlor Epoxide		2 U	2.2 U	2 U	2 U	2.1 U	2.1 U	1.9 U	2 U
Methoxychlor		20 U	22 U	20 U	20 U	21 U	21 U	19 U	20 U
Toxaphene		200 U	220 U	200 U	200 U	210 U	210 U	190 U	200 U

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	EPL-GP01-SB 9/29/2003 10.2 - 12 ft	EPL-GP02-SB 9/30/2003 9 - 10.9 ft	EPL-GP03-SB 9/30/2003 9.6 - 11 ft	EPL-GP04-SB 10/1/2003 4 - 6 ft	EPL-GP05-SB 10/1/2003 5 - 8 ft	EPL-GP05-SB/D 10/1/2003 5 - 8 ft	EPL-GP06-SB 10/1/2003 9.4 - 11 ft	EPL-GP07-SB 10/1/2003 7 - 9 ft
TAL Metals and Mercury (mg/Kg)									
Aluminum		3840	12500	5170	2110	3090	3570	2850	2450
Antimony		1.7 U	1.7 U	1.6 U	1.8 U	1.8 U	1.8 U	1.6 U	1.8 U
Arsenic		1.1 U	5.2	0.99 U	1.1 U	1.1 U	1.1 U	1 U	1.1 U
Barium		20 B	94.7	33.1 B	7.4 B	17.2 B	20.8 B	11.3 B	10.8 B
Beryllium		0.12 B	0.59 B	0.25 B	0.12 B	0.18 B	0.2 B	0.13 B	0.16 B
Cadmium		0.12 U	0.12 U	0.11 U	0.13 U	0.12 U	0.12 U	0.11 U	0.13 U
Calcium		1500	36000	1550	1270	2150	9460	1320	1660
Chromium		3 J	17.1 J	5.7 J	2.3 B	3.3	7.1	6.7	2.2 B
Cobalt		2.1 B	9.2 B	3.5 B	2.1 B	2.8 B	2.9 B	2.4 B	2.5 B
Copper		5.3 B	28.3	8.5	3.6 B	7.2	8.5	4.2 B	4.4 B
Iron		4260	18700	5620	3350	3810	5050	3810	3920
Lead		2.1 J	43.1	5	1.6 J	2.2 J	14.6	2.5 J	1.6 J
Magnesium		1430	5370	1820	1240 B	1260	2260	1280	1270
Manganese		25.7	409	33.3	22.3	25.2	57.3	23.1	21.6
Nickel		3.7 B	16.2	4.6 B	3 B	4 B	6.7 B	4.2 B	3 B
Potassium		227 B	3020 J	592 B	141 B	185 B	339 B	237 B	104 B
Selenium		0.46 U	0.44 U	0.43 U	0.48 U	0.47 U	0.97 BJ	0.43 U	0.48 U
Silver		0.36 U	0.35 U	0.34 U	0.38 UJ	0.37 UJ	0.38 UJ	0.34 UJ	0.38 UJ
Sodium		131 U	402 B	151 B	137 U	134 U	158 B	125 U	138 U
Thallium		1 U	0.97 U	0.95 U	1.1 U	1 U	1.1 U	0.96 U	1.1 U
Vanadium		7.4 B	29.7	12.1	5.3 B	7.6 B	9.7 B	5.4 B	6.6 B
Zinc		32.9	90.3	34.5	21.7	28.3	35.3	20.9	21.9
Mercury		0.06 U	0.07 B	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U	0.06 U
Total Cyanide (mg/Kg)									
Cyanide Tot.		0.15 U	0.15 U	0.15 U	0.14 U	0.77 UL	0.15 U	0.14 U	0.15 U
Percent Solids (%)									
Percent Solids		82	82	82	83	78	83	89	81

Table D-4-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Energy Park/Longe/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
EPL = Energy Park/Longe site/NYS Canal Corporation Site.
ft = Feet.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	EPL-SW01 9/30/2003	EPL-SW02 9/30/2003	EPL-SW03 9/30/2003
TCL Volatile Organic Compounds (µg/L)				
1,1,1-Trichloroethane		10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		**1 J**	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		**10 R**	**10 R**	**10 R**
1,2-Dibromoethane		10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U
2-Butanone		10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 U	10 U
Acetone		10 UJ	10 UJ	10 UJ
Benzene		10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U
Bromoform		10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U
Chloroform		10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	EPL-SW01 / 9/30/2003	EPL-SW02 / 9/30/2003	EPL-SW03 / 9/30/2003
Dibromochloromethane		10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U
Ethylbenzene		10 U	10 U	10 U
Isopropylbenzene		10 U	10 U	10 U
Methyl Acetate		10 U	10 U	10 U
Methyl tert-Butyl Ether		10 U	10 U	10 U
Methylcyclohexane		10 U	10 U	10 U
Methylene Chloride		10 U	10 U	10 U
Styrene		10 U	10 U	10 U
Tetrachloroethene		10 U	10 U	10 U
Toluene		10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U
Trichloroethene		10 U	10 U	10 U
Trichlorofluoromethane		10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U
Xylenes (Total)		10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)				
1,1'-Biphenyl		10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U	10 U
2,4,5-Trichlorophenol		25 U	25 U	25 U
2,4,6-Trichlorophenol		10 U	10 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U
2,4-Dinitrophenol		25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U
2-Chlorophenol		10 U	10 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U
2-Methylphenol		10 U	10 U	10 U
2-Nitroaniline		25 U	25 U	25 U

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	EPL-SW01 9/30/2003	EPL-SW02 9/30/2003	EPL-SW03 9/30/2003
2-Nitrophenol		10 U	10 U	10 U
3,3'-Dichlorobenzidine		10 U	10 U	10 U
3-Nitroaniline		25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol		25 U	25 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U
4-Nitroaniline		25 U	25 U	25 U
4-Nitrophenol		25 UJ	25 UJ	25 UJ
Acenaphthene		10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U
Anthracene		10 U	10 U	10 U
Atrazine		10 U	10 U	10 U
Benzaldehyde		10 UJ	10 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U
Benzo(k)fluoranthene		10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		**8 J**	10 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U
Caprolactam		10 U	10 U	10 U
Carbazole		10 U	10 U	10 U
Chrysene		10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	EPL-SW01 9/30/2003	EPL-SW02 9/30/2003	EPL-SW03 9/30/2003
Dimethylphthalate		10 U	10 U	10 U
Di-n-Butylphthalate		10 U	10 U	10 U
Di-n-Octylphthalate		10 U	10 U	10 U
Fluoranthene		10 U	10 U	10 U
Fluorene		10 U	10 U	10 U
Hexachlorobenzene		10 U	10 U	10 U
Hexachlorobutadiene		10 U	10 U	10 U
Hexachlorocyclo-Pentadiene		10 U	10 U	10 U
Hexachloroethane		10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene		10 U	10 U	10 U
Isophorone		10 U	10 U	10 U
Naphthalene		10 U	10 U	10 U
Nitrobenzene		10 U	10 U	10 U
n-Nitroso Diphenylamine		10 U	10 U	10 U
n-Nitroso-Di-n Propylamine		10 U	10 U	10 U
Pentachlorophenol		25 UJ	25 UJ	25 UJ
Phenanthrene		10 U	10 U	10 U
Phenol		10 U	10 U	10 U
Pyrene		10 UJ	10 UJ	10 UJ
TCL Pesticides and PCBs (µg/L)				
4,4'-DDD		0.1 U	0.1 U	0.1 U
4,4'-DDE		0.1 U	0.1 U	0.1 U
4,4'-DDT		0.1 U	0.1 U	0.1 U
Aldrin		0.05 U	0.05 U	0.05 U
Alpha-BHC		0.05 U	0.05 U	0.05 U
Alpha-Chlordane		0.05 U	0.05 U	0.05 U
Aroclor-1016		1 U	1 U	1 U
Aroclor-1221		2 U	2 U	2 U
Aroclor-1232		1 U	1 U	1 U
Aroclor-1242		1 U	1 U	1 U
Aroclor-1248		1 U	1 U	1 U
Aroclor-1254		1 U	1 U	1 U

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	EPL-SW01 9/30/2003	EPL-SW02 9/30/2003	EPL-SW03 9/30/2003
Aroclor-1260		1 U	1 U	1 U
Beta-BHC		0.05 U	0.05 U	0.05 U
Delta-BBHC		0.05 U	0.05 U	0.05 U
Dieldrin		0.1 U	0.1 U	0.1 U
Endosulfan I		0.05 U	0.05 U	0.05 U
Endosulfan II		0.1 U	0.1 U	0.1 U
Endosulfan Sulfate		0.1 U	0.1 U	0.1 U
Endrin		0.1 U	0.1 U	0.1 U
Endrin Aldehyde		0.1 U	0.1 U	0.1 U
Endrin Ketone		0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)		0.05 U	0.05 U	0.05 U
Gamma-Chlordane		0.05 U	0.05 U	0.05 U
Heptachlor		0.05 U	0.05 U	0.05 U
Heptachlor Epoxide		0.05 U	0.05 U	0.05 U
Methoxychlor		0.5 U	0.5 U	0.5 U
Toxaphene		5 U	5 U	5 U
TAL Metals and Mercury (µg/L)				
Aluminum		**458**	**510**	**560**
Antimony		7.2 U	7.2 U	7.2 U
Arsenic		4.4 UJ	4.4 UJ	4.4 UJ
Barium		**25.2 B**	**22.1 B**	**28.8 B**
Beryllium		0.1 U	0.1 U	0.1 U
Cadmium		0.5 U	0.5 U	0.5 U
Calcium		**30900**	**30800**	**30000**
Chromium		**1.7 B**	**1.9 B**	**2.6 B**
Cobalt		**1.7 B**	1.4 U	**3.1 B**
Copper		**3.5 B**	**3.6 B**	**5.8 B**
Iron		**1670**	**1740**	**2470**
Lead		2.6 U	2.6 U	2.6 U
Magnesium		**9130**	**9320**	**9100**
Manganese		**78.8**	**107**	**163**
Nickel		**3 B**	**3 B**	**4.1 B**

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples from the Energy Park/Longe/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	EPL-SW01 9/30/2003	EPL-SW02 9/30/2003	EPL-SW03 9/30/2003
Potassium	**3990 B**	**4040 B**	**3930 B**
Selenium	1.9 U	**3.1 B**	1.9 U
Silver	1.5 U	1.5 U	1.5 U
Sodium	**15700 J**	**14400 J**	**15200 J**
Thallium	4.2 U	4.2 U	4.2 U
Vanadium	**1.8 B**	**2.1 B**	**4.2 B**
Zinc	**26.4 J**	**24.4 J**	**35 J**
Mercury	0.1 U	0.1 U	0.1 U
Total Cyanide (µg/L)			
Cyanide Tot.	5 U	5 U	**8**
Anions (mg/L)			
Bromide	0.100 U	0.100 U	0.100 U
Chloride	**26.6**	**26**	**23.2**
Fluoride	**0.102**	**0.121**	**0.107**
Nitrate-N	**0.396**	**0.388**	**0.726**
Nitrite-N	0.100 U	0.100 U	0.100 U
Phosphate	0.100 U	0.100 U	0.100 U
Sulfate	**23**	**24.1**	**23.6**
Hardness (mg/L)			
Hardness (As CaCO3)	**275**	**270**	**285**

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples from the Energy Park/Longe/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
EPL = Energy Park/Longe site/NYS Canal Corporation Site.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SW = Surface water sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-4-3
Complete Analytical Data Summary for Surface Water Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Source: Ecology and Environment, Inc., 2004
2 of 2

Table D-4-4
Complete Analytical Data Summary for Sediment Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID:	EPL-SE01	EPL-SE02	EPL-SE03
	Date:	9/30/2003	9/30/2003	9/30/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)				
1,1,1-Trichloroethane		10 U	17 U	21 UJ
1,1,2,2-Tetrachloroethane		10 U	17 U	21 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	17 U	21 UJ
1,1,2-Trichloroethane		10 U	17 U	21 UJ
1,1-Dichloroethane		10 U	17 U	21 UJ
1,1-Dichloroethene		10 U	17 U	21 UJ
1,2,4-Trichlorobenzene		10 U	17 U	21 UJ
1,2-Dibromo-3-Chloropropane		10 U	17 U	21 UJ
1,2-Dibromoethane		10 U	17 U	21 UJ
1,2-Dichlorobenzene		10 U	17 U	21 UJ
1,2-Dichloroethane		10 U	17 U	21 UJ
1,2-Dichloropropane		10 U	17 U	21 UJ
1,3-Dichlorobenzene		10 U	17 U	21 UJ
1,4-Dichlorobenzene		10 U	17 U	21 UJ
2-Butanone		10 U	17 U	21 UJ
2-Hexanone		10 U	17 U	21 UJ
4-Methyl-2-Pentanone		10 U	17 U	21 UJ
Acetone		10 U	17 U	21 UJ
Benzene		10 U	17 U	21 UJ
Bromodichloromethane		10 U	17 U	21 UJ
Bromoform		10 U	17 U	21 UJ
Bromomethane		10 U	17 U	21 UJ
Carbon Disulfide		10 U	17 U	21 UJ
Carbon Tetrachloride		10 U	17 U	21 UJ
Chlorobenzene		10 U	17 U	21 UJ
Chloroethane		10 U	17 U	21 UJ
Chloroform		10 U	17 U	21 UJ
Chloromethane		10 U	17 U	21 UJ
cis-1,2-Dichloroethene		10 U	17 U	21 UJ
cis-1,3-Dichloropropene		10 U	17 U	21 UJ
Cyclohexane		10 U	17 U	21 UJ
Dibromochloromethane		10 U	17 U	21 UJ
Dichlorodifluoromethane		10 U	17 U	21 UJ
Ethylbenzene		10 U	17 U	21 UJ
Isopropylbenzene		10 U	17 U	21 UJ
Methyl Acetate		10 U	17 U	21 UJ
Methyl tert-Butyl Ether		10 U	17 U	21 UJ
Methylcyclohexane		10 U	17 U	21 UJ
Methylene Chloride		10 U	17 U	21 UJ
Styrene		10 U	17 U	21 UJ
Tetrachloroethene		10 U	17 U	21 UJ
Toluene		10 U	17 U	21 UJ
trans-1,2-Dichloroethene		10 U	17 U	21 UJ

Table D-4-4
Complete Analytical Data Summary for Sediment Samples from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: EPL-SE01 Date: 9/30/2003 Depth: 0 - 2 in	EPL-SE02 9/30/2003 0 - 2 in	EPL-SE03 9/30/2003 0 - 2 in
trans-1,3-Dichloropropene	10 U	17 U	21 UJ
Trichloroethene	10 U	17 U	21 UJ
Trichlorofluoromethane	10 U	17 U	**3 J**
Vinyl Chloride	10 U	17 U	21 UJ
Xylenes (Total)	10 U	17 U	21 UJ
TCL Semivolatile Organic Compounds (µg/Kg)			
1,1'-Biphenyl	430 U	600 U	770 UJ
2,2'-Oxybis(1- Chloropropane)	430 U	600 U	770 UJ
2,4,5-Trichlorophenol	1100 U	1500 U	1900 UJ
2,4,6-Trichlorophenol	430 U	600 U	770 UJ
2,4-Dichlorophenol	430 U	600 U	770 UJ
2,4-Dimethylphenol	430 U	600 U	770 UJ
2,4-Dinitrophenol	1100 UJ	1500 UJ	1900 UJ
2,4-Dinitrotoluene	430 U	600 U	770 UJ
2,6-Dinitrotoluene	430 U	600 U	770 UJ
2-Chloronaphthalene	430 U	600 U	770 UJ
2-Chlorophenol	430 U	600 U	770 UJ
2-Methylnaphthalene	430 U	600 U	770 UJ
2-Methylphenol	430 U	600 U	770 UJ
2-Nitroaniline	1100 U	1500 U	1900 UJ
2-Nitrophenol	430 U	600 U	770 UJ
3,3'-Dichlorobenzidine	430 UJ	600 UJ	770 UJ
3-Nitroaniline	1100 U	1500 U	1900 UJ
4,6-Dinitro-2-Methylphenol	1100 U	1500 U	1900 UJ
4-Bromophenyl-Phenylether	430 U	600 U	770 UJ
4-Chloro-3-Methylphenol	430 U	600 U	770 UJ
4-Chloroaniline	430 U	600 U	770 UJ
4-Chlorophenyl-Phenyl Ether	430 U	600 U	770 UJ
4-Methylphenol	430 U	600 U	770 UJ
4-Nitroaniline	1100 U	1500 U	1900 UJ
4-Nitrophenol	1100 U	1500 U	1900 UJ
Acenaphthene	430 U	600 U	770 UJ
Acenaphthylene	430 U	600 U	770 UJ
Acetophenone	**120 J**	**120 J**	**190 J**
Anthracene	430 U	600 U	770 UJ
Atrazine	430 U	600 U	770 UJ
Benzaldehyde	430 U	600 U	770 UJ
Benzo(a)anthracene	430 U	600 U	770 UJ
Benzo(a)pyrene	430 U	600 U	770 UJ
Benzo(b)fluoranthene	430 U	600 U	770 UJ
Benzo(g,h,i)perylene	430 U	600 U	770 UJ
Benzo(k)fluoranthene	430 U	600 U	770 UJ
Bis(2-Chloroethoxy)Methane	430 U	600 U	770 UJ
Bis-(2-Chloroethyl)Ether	430 U	600 U	770 UJ
Bis(2-Ethylhexyl)Phthalate	430 U	600 U	770 UJ

Table D-4-4
Complete Analytical Data Summary for Sediment Samples
from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	EPL-SE01 9/30/2003 0 - 2 in	EPL-SE02 9/30/2003 0 - 2 in	EPL-SE03 9/30/2003 0 - 2 in
Butylbenzylphthalate		430 U	600 U	770 UJ
Caprolactam		430 U	600 U	770 UJ
Carbazole		430 UJ	600 UJ	770 UJ
Chrysene		430 U	600 U	770 UJ
Dibenzo(a,h)-anthracene		430 U	600 U	770 UJ
Dibenzofuran		430 U	600 U	770 UJ
Diethylphthalate		430 U	600 U	770 UJ
Dimethylphthalate		430 U	600 U	770 UJ
Di-n-Butylphthalate		430 U	600 U	770 UJ
Di-n-Octylphthalate		430 U	600 U	770 UJ
Fluoranthene		430 U	600 U	770 UJ
Fluorene		430 U	600 U	770 UJ
Hexachlorobenzene		430 U	600 U	770 UJ
Hexachlorobutadiene		430 U	600 U	770 UJ
Hexachlorocyclo-Pentadiene		430 UJ	600 UJ	770 UJ
Hexachloroethane		430 U	600 U	770 UJ
Indeno(1,2,3-cd)-pyrene		430 U	600 U	770 UJ
Isophorone		430 U	600 U	770 UJ
Naphthalene		430 U	600 U	770 UJ
Nitrobenzene		430 U	600 U	770 UJ
n-Nitroso Diphenylamine		430 U	600 U	770 UJ
n-Nitroso-Di-n Propylamine		430 U	600 U	770 UJ
Pentachlorophenol		1100 U	1500 U	1900 UJ
Phenanthrene		430 U	600 U	770 UJ
Phenol		430 U	600 U	770 UJ
Pyrene		430 U	600 U	770 UJ
TCL Pesticide and PCBs (µg/Kg)				
4,4'-DDD		4.3 U	6 U	7.7 UJ
4,4'-DDE		4.3 U	**2.7 J**	**9 J**
4,4'-DDT		4.3 U	6 U	7.7 UJ
Aldrin		2.2 U	3.1 U	4 UJ
Alpha-BHC		2.2 U	3.1 U	4 UJ
Alpha-Chlordane		2.2 U	3.1 U	**1.7 J**
Aroclor-1016		43 U	60 U	77 UJ
Aroclor-1221		87 U	120 U	160 UJ
Aroclor-1232		43 U	60 U	77 UJ
Aroclor-1242		43 U	60 U	77 UJ
Aroclor-1248		43 U	60 U	77 UJ
Aroclor-1254		43 U	**77**	**75**
Aroclor-1260		43 U	60 U	77 UJ
Beta-BHC		2.2 U	3.1 U	4 UJ
Delta-BBHC		2.2 U	3.1 U	4 UJ
Dieldrin		4.3 U	6 U	7.7 UJ
Endosulfan I		2.2 U	3.1 U	**1.1 J**
Endosulfan II		4.3 U	6 U	7.7 UJ

Table D-4-4
Complete Analytical Data Summary for Sediment Samples from the Energy Park/Longe/NYS Canal Corporation Site

Analyte	Sample ID:	EPL-SE01	EPL-SE02	EPL-SE03
	Date:	9/30/2003	9/30/2003	9/30/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
Endosulfan Sulfate		4.3 U	6 U	7.7 UJ
Endrin		4.3 U	6 U	7.7 UJ
Endrin Aldehyde		4.3 U	6 U	7.7 UJ
Endrin Ketone		4.3 U	6 U	7.7 UJ
Gamma-BHC (Lindane)		2.2 U	3.1 U	4 UJ
Gamma-Chlordane		2.2 U	3.1 U	4 UJ
Heptachlor		2.2 U	3.1 U	4 UJ
Heptachlor Epoxide		2.2 U	3.1 U	4 UJ
Methoxychlor		22 U	31 U	40 UJ
Toxaphene		220 U	310 U	400 UJ
TAL Metals and Mercury (mg/Kg)				
Aluminum		**4630**	**9330**	**9230**
Antimony		2 U	2.2 U	2.5 U
Arsenic		1.2 U	**4.1**	1.5 U
Barium		**28.4 B**	**64**	**80.5**
Beryllium		**0.31 B**	**0.82 B**	**0.82 B**
Cadmium		0.14 U	0.15 U	0.17 U
Calcium		**2170**	**3740**	**4660**
Chromium		**6.9 J**	**16.3 J**	**16.4 J**
Cobalt		**3.6 B**	**7.5 B**	**5.5 B**
Copper		**7.1**	**11.5**	**13.3**
Iron		**7760**	**20200**	**13300**
Lead		**7.2**	**14**	**11.9**
Magnesium		**1930**	**2580**	**2280**
Manganese		**47.6**	**195**	**108**
Nickel		**7.2 B**	**12.1**	**9.2 B**
Potassium		**335 B**	**455 B**	**414 B**
Selenium		0.52 U	**1 BJ**	0.65 U
Silver		0.41 U	0.45 U	0.52 U
Sodium		149 U	**212 B**	**327 B**
Thallium		1.2 U	1.3 U	1.4 U
Vanadium		**17.7**	**76.8**	**80.8**
Zinc		**38.9**	**54.5**	**45.8**
Mercury		0.07 U	0.08 U	0.08 U
Total Cyanide (mg/Kg)				
Cyanide Tot.		0.18 U	**0.35**	0.23 U
Total Organic Carbon (mg/Kg)				
Organic Carbon, Tot.		**9200**	**33000**	**62000**
Percent Solids (%)				
Percent Solids, 105DegC		**66**	**54**	**51**

Table D-4-4
Complete Analytical Data Summary for Sediments Samples from the Energy Park/Longe/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
EPL = Energy Park/Longe site/NYS Canal Corporation Site.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SE = Sediment sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-4-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Energy Park/Longe/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	EPL-GP01-GW 10/16/2003	EPL-GP02-GW 10/16/2003	EPL-GP03-GW 10/16/2003	EPL-GP04-GW 10/16/2003	EPL-GP05-GW 10/16/2003
TCL Volatile Organic Compounds (µg/L)					
1,1,1-Trichloroethane	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone	10 U	10 U	10 U	10 U	10 U
Acetone	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U	10 U	10 U
Bromoform	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Bromomethane	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Carbon Tetrachloride	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U	10 U	10 U
Chloromethane	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U
Cyclohexane	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Dibromochloromethane	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	10 U	10 U	10 U	10 U	10 U
Methyl Acetate	10 U	10 U	10 U	10 U	10 U
Methyl tert-Butyl Ether	10 U	10 U	10 U	10 U	10 U
Methylcyclohexane	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10 U	10 U	10 U	10 U	10 U
Styrene	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U
Toluene	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U

Table D-4-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Energy Park/Longe/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	EPL-GP01-GW 10/16/2003	EPL-GP02-GW 10/16/2003	EPL-GP03-GW 10/16/2003	EPL-GP04-GW 10/16/2003	EPL-GP05-GW 10/16/2003
Trichloroethene	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U
Xylenes (Total)	10 U	10 U	10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)					
1,1'-Biphenyl	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	26 U	25 U	25 U	26 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25 UJ	26 UJ	25 UJ	25 UJ	26 UJ
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	26 U	25 U	25 U	26 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
3-Nitroaniline	25 UJ	26 UJ	25 UJ	25 UJ	26 UJ
4,6-Dinitro-2-Methylphenol	25 U	26 U	25 U	25 U	26 U
4-Bromophenyl-Phenylether	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	25 UJ	26 UJ	25 UJ	25 UJ	26 UJ
4-Nitrophenol	25 U	26 U	25 U	25 U	26 U
Acenaphthene	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
Acetophenone	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Atrazine	10 U	10 U	10 U	10 U	10 U
Benzaldehyde	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)anthracene	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Bis(2-Chloroethoxy)Methane	10 U	10 U	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10 U	10 U	10 U	10 U	10 U

Table D-4-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Energy Park/Longe/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	EPL-GP01-GW 10/16/2003	EPL-GP02-GW 10/16/2003	EPL-GP03-GW 10/16/2003	EPL-GP04-GW 10/16/2003	EPL-GP05-GW 10/16/2003
Caprolactam	10 U	10 U	10 U	10 U	10 U
Carbazole	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Chrysene	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)-anthracene	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	10 U	10 U	10 U	10 U	10 U
Di-n-Butylphthalate	10 U	10 U	10 U	10 U	10 U
Di-n-Octylphthalate	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Hexachloroethane	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Pentachlorophenol	25 U	26 U	25 U	25 U	26 U
Phenanthrene	10 U	10 U	10 U	10 U	10 U
Phenol	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)					
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table D-4-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Energy Park/Longe/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	EPL-GP01-GW 10/16/2003	EPL-GP02-GW 10/16/2003	EPL-GP03-GW 10/16/2003	EPL-GP04-GW 10/16/2003	EPL-GP05-GW 10/16/2003
Endrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 U	5 U	5 U
TAL Metals and Mercury (µg/L)					
Aluminum	**244**	**324**	**275**	**149 B**	**182 B**
Antimony	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
Arsenic	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
Barium	**36.3 B**	**39.2 B**	**68.3 B**	**19.3 B**	**25.3 B**
Beryllium	0.1 U	0.1 U	**0.1 B**	0.1 U	**0.12 B**
Cadmium	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Calcium	**47000**	**42300**	**42500**	**35600**	**40200**
Chromium	**2.3 B**	1 U	1 U	1 U	**1.2 B**
Cobalt	**2.9 B**	1.3 U	**1.7 B**	1.3 U	1.3 U
Copper	**2.1 B**	1 U	**1.3 B**	**1.5 B**	1 U
Iron	**4840**	**6550**	**2390**	**4060**	**3530**
Lead	2.2 U	2.2 U	**3.1**	2.2 U	2.2 U
Magnesium	**9680**	**9110**	**7900**	**8530**	**9300**
Manganese	**119**	**176**	**119**	**121**	**164**
Nickel	**8.6 B**	**2.9 B**	**5 B**	2.3 U	2.3 U
Potassium	**4710 B**	**4480 B**	**12300 J**	**1310 B**	**1100 B**
Selenium	3.8 U	3.8 U	3.8 U	**5**	3.8 U
Silver	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Sodium	**34700 J**	**9890 J**	**19300 J**	**12100 J**	**6900 J**
Thallium	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Vanadium	**1.3 B**	**3.8 B**	0.9 U	**1.7 B**	**2 B**
Zinc	**26.8**	**33.9**	**29.9**	**27.5**	**20.8**
Mercury	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Total Cyanide (µg/L)					
Cyanide Tot.	5 U	5 U	5 U	5 U	5 U

Table D-4-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Energy Park/Longe/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
EPL = Energy Park/Longe site/NYS Canal Corporation Site.
GW = Groundwater sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-4-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Energy Park/Longe/NYS Canal Corporation Site

Source: Ecology and Environment, Inc., 2004

Table D-5-1
Complete Analytical Data Summary for Surface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: OM-SS01 Date: 10/1/2003 Depth: 0 - 2 in	OM-SS02 10/1/2003 0 - 2 in	OM-SS03 10/1/2003 0 - 2 in	OM-SS04 10/1/2003 0 - 2 in	OM-SS04/D 10/1/2003 0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)					
1,1,1-Trichloroethane	11 U	--	--	12 U	11 U
1,1,2,2-Tetrachloroethane	11 U	--	--	12 U	11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	11 U	--	--	12 U	11 U
1,1,2-Trichloroethane	11 U	--	--	12 U	11 U
1,1-Dichloroethane	11 U	--	--	12 U	11 U
1,1-Dichloroethene	11 U	--	--	12 U	11 U
1,2,4-Trichlorobenzene	11 U	--	--	12 U	11 U
1,2-Dibromo-3-Chloropropane	11 U	--	--	12 U	11 U
1,2-Dibromoethane	11 U	--	--	12 U	11 U
1,2-Dichlorobenzene	11 U	--	--	12 U	11 U
1,2-Dichloroethane	11 U	--	--	12 U	11 U
1,2-Dichloropropane	11 U	--	--	12 U	11 U
1,3-Dichlorobenzene	11 U	--	--	12 U	11 U
1,4-Dichlorobenzene	11 U	--	--	12 U	11 U
2-Butanone	11 U	--	--	12 U	11 U
2-Hexanone	11 U	--	--	12 U	11 U
4-Methyl-2-Pentanone	11 U	--	--	12 U	11 U
Acetone	11 U	--	--	12 U	11 U
Benzene	11 U	--	--	12 U	11 U
Bromodichloromethane	11 U	--	--	12 U	11 U
Bromoform	11 U	--	--	12 U	11 U
Bromomethane	11 U	--	--	12 U	11 U
Carbon Disulfide	11 U	--	--	12 U	11 U
Carbon Tetrachloride	11 U	--	--	12 U	11 U
Chlorobenzene	11 U	--	--	12 U	11 U
Chloroethane	11 U	--	--	12 U	11 U
Chloroform	11 U	--	--	12 U	11 U
Chloromethane	11 U	--	--	12 U	11 U
cis-1,2-Dichloroethene	11 U	--	--	12 U	11 U
cis-1,3-Dichloropropene	11 U	--	--	12 U	11 U
Cyclohexane	11 U	--	--	12 U	11 U
Dibromochloromethane	11 U	--	--	12 U	11 U
Dichlorodifluoromethane	11 U	--	--	12 U	11 U
Ethylbenzene	11 U	--	--	12 U	11 U
Isopropylbenzene	**2 J**	--	--	12 U	11 U
Methyl Acetate	**1 J**	--	--	12 U	**3 J**
Methyl tert-Butyl Ether	11 U	--	--	12 U	11 U
Methylcyclohexane	11 U	--	--	12 U	11 U
Methylene Chloride	11 U	--	--	12 U	11 U
Styrene	11 U	--	--	12 U	11 U
Tetrachloroethene	11 U	--	--	12 U	11 U
Toluene	11 U	--	--	12 U	11 U
trans-1,2-Dichloroethene	11 U	--	--	12 U	11 U
trans-1,3-Dichloropropene	11 U	--	--	12 U	11 U
Trichloroethene	11 U	--	--	12 U	11 U
Trichlorofluoromethane	11 U	--	--	12 U	11 U
Vinyl Chloride	11 U	--	--	12 U	11 U
Xylenes (Total)	**51**	--	--	12 U	11 U

Table D-5-1
Complete Analytical Data Summary for Surface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-SS01	OM-SS02	OM-SS03	OM-SS04	OM-SS04/D
	Date:	10/1/2003	10/1/2003	10/1/2003	10/1/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Semivolatile Organic Compounds (µg/Kg)						
1,1'-Biphenyl		450 U	420 U	380 U	440 U	450 U
2,2'-Oxybis(1- Chloropropane)		450 U	420 U	380 U	440 U	450 U
2,4,5-Trichlorophenol		1100 U	1100 U	970 U	1100 U	1100 U
2,4,6-Trichlorophenol		450 U	420 U	380 U	440 U	450 U
2,4-Dichlorophenol		450 U	420 U	380 U	440 U	450 U
2,4-Dimethylphenol		450 U	420 U	380 U	440 U	450 U
2,4-Dinitrophenol		1100 UJ	1100 UJ	970 UJ	1100 UJ	1100 UJ
2,4-Dinitrotoluene		450 U	420 U	380 U	440 U	450 U
2,6-Dinitrotoluene		450 U	420 U	380 U	440 U	450 U
2-Chloronaphthalene		450 U	420 U	380 U	440 U	450 U
2-Chlorophenol		450 U	420 U	380 U	440 U	450 U
2-Methylnaphthalene		450 U	420 U	380 U	440 U	450 U
2-Methylphenol		450 U	420 U	380 U	440 U	450 U
2-Nitroaniline		1100 U	1100 UJ	970 UJ	1100 U	1100 U
2-Nitrophenol		450 U	420 U	380 U	440 U	450 U
3,3'-Dichlorobenzidine		450 UJ	420 U	380 U	440 UJ	450 U
3-Nitroaniline		1100 U	1100 U	970 U	1100 U	1100 U
4,6-Dinitro-2-Methylphenol		1100 U	1100 U	970 U	1100 U	1100 UJ
4-Bromophenyl-Phenylether		450 U	420 U	380 U	440 U	450 U
4-Chloro-3-Methylphenol		450 U	420 U	380 U	440 U	450 U
4-Chloroaniline		450 U	420 U	380 U	440 U	450 U
4-Chlorophenyl-Phenyl Ether		450 U	420 U	380 U	440 U	450 U
4-Methylphenol		450 U	420 U	380 U	440 U	450 U
4-Nitroaniline		1100 U	1100 U	970 U	1100 U	1100 U
4-Nitrophenol		1100 U	1100 UJ	970 UJ	1100 U	1100 UJ
Acenaphthene		450 U	420 U	380 U	440 U	450 U
Acenaphthylene		450 U	420 U	380 U	440 U	450 U
Acetophenone		450 U	420 U	380 U	440 U	450 U
Anthracene		450 U	420 U	380 U	440 U	450 U
Atrazine		450 U	420 U	380 U	440 U	450 U
Benzaldehyde		450 U	420 UJ	380 UJ	440 U	450 UJ
Benzo(a)anthracene		450 U	420 U	380 U	**460**	450 U
Benzo(a)pyrene		450 U	420 U	380 U	**520**	450 U
Benzo(b)fluoranthene		450 U	420 U	380 U	**540**	450 U
Benzo(g,h,i)perylene		450 U	420 U	380 U	**320 J**	450 U
Benzo(k)fluoranthene		450 U	420 U	380 U	**580**	450 U
Bis(2-Chloroethoxy)Methane		450 U	420 U	380 U	440 U	450 U
Bis-(2-Chloroethyl)Ether		450 U	420 U	380 U	440 U	450 U
Bis(2-Ethylhexyl)Phthalate		450 U	420 U	380 U	440 U	**970**
Butylbenzylphthalate		450 U	420 U	380 U	440 U	450 U
Caprolactam		450 U	420 U	380 U	440 U	450 U
Carbazole		450 UJ	420 U	380 U	440 UJ	450 U
Chrysene		450 U	420 U	380 U	**590**	450 U
Dibenzo(a,h)-anthracene		450 U	420 U	380 U	**190 J**	450 U
Dibenzofuran		450 U	420 U	380 U	440 U	450 U
Diethylphthalate		450 U	420 U	380 U	440 U	450 U
Dimethylphthalate		450 U	420 U	380 U	440 U	450 U
Di-n-Butylphthalate		450 U	420 U	380 U	440 U	450 U

Table D-5-1
Complete Analytical Data Summary for Surface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: OM-SS01 Date: 10/1/2003 Depth: 0 - 2 in	OM-SS02 10/1/2003 0 - 2 in	OM-SS03 10/1/2003 0 - 2 in	OM-SS04 10/1/2003 0 - 2 in	OM-SS04/D 10/1/2003 0 - 2 in
Di-n-Octylphthalate	450 U	**110 J**	380 U	440 U	450 U
Fluoranthene	450 U	420 U	380 U	**720**	450 U
Fluorene	450 U	420 U	380 U	440 U	450 U
Hexachlorobenzene	450 U	420 U	380 U	440 U	450 U
Hexachlorobutadiene	450 U	420 U	380 U	440 U	450 U
Hexachlorocyclo-Pentadiene	450 UJ	420 U	380 U	440 UJ	450 U
Hexachloroethane	450 U	420 U	380 U	440 U	450 U
Indeno(1,2,3-cd)-pyrene	450 U	420 U	380 U	**450**	450 U
Isophorone	450 U	420 U	380 U	440 U	450 U
Naphthalene	450 U	420 U	380 U	440 U	450 U
Nitrobenzene	450 U	420 U	380 U	440 U	450 U
n-Nitroso Diphenylamine	450 U	420 U	380 U	440 U	450 U
n-Nitroso-Di-n Propylamine	450 U	420 U	380 U	440 U	450 U
Pentachlorophenol	1100 U	1100 UJ	970 UJ	1100 U	1100 UJ
Phenanthrene	450 U	420 U	380 U	**290 J**	450 U
Phenol	450 U	420 U	380 U	440 U	450 U
Pyrene	450 U	420 UJ	380 UJ	**630**	450 UJ
TCL Pesticides and PCBs (µg/Kg)					
4,4'-DDD	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
4,4'-DDE	4.5 U	4.2 U	3.8 U	4.4 U	**0.88 J**
4,4'-DDT	4.5 U	4.2 U	3.8 U	4.4 U	**4.5 J**
Aldrin	2.3 U	2.2 U	2 U	2.3 U	2.3 U
Alpha-BHC	2.3 U	2.2 U	2 U	2.3 U	2.3 UJ
Alpha-Chlordane	2.3 U	2.2 U	2 U	**2 J**	2.3 U
Aroclor-1016	45 U	42 U	38 U	44 U	45 U
Aroclor-1221	92 U	85 U	78 U	89 U	91 U
Aroclor-1232	45 U	42 U	38 U	44 U	45 U
Aroclor-1242	45 U	42 U	38 U	44 U	45 U
Aroclor-1248	45 U	42 U	38 U	44 U	45 U
Aroclor-1254	45 U	42 U	38 U	44 U	45 U
Aroclor-1260	45 U	42 U	38 U	44 U	45 U
Beta-BHC	2.3 U	2.2 U	2 U	2.3 U	2.3 U
Delta-BBHC	2.3 U	2.2 U	2 U	2.3 U	2.3 U
Dieldrin	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
Endosulfan I	2.3 U	2.2 U	2 U	2.3 U	**1 J**
Endosulfan II	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
Endosulfan Sulfate	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
Endrin	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
Endrin Aldehyde	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
Endrin Ketone	4.5 U	4.2 U	3.8 U	4.4 U	4.5 U
Gamma-BHC (Lindane)	2.3 U	2.2 U	2 U	2.3 U	2.3 UJ
Gamma-Chlordane	2.3 U	2.2 U	2 U	**1.8 J**	2.3 U
Heptachlor	2.3 U	2.2 U	2 U	2.3 U	2.3 U
Heptachlor Epoxide	2.3 U	2.2 U	2 U	2.3 U	2.3 U
Methoxychlor	23 U	22 U	20 U	23 U	23 U
Toxaphene	230 U	220 U	200 U	230 U	230 U
Herbicides (µg/Kg)					
2,4,5-T	--	--	--	21.9 U	19.9 U
2,4,5-TP (SILVEX)	--	--	--	21.9 U	19.9 U

Table D-5-1
Complete Analytical Data Summary for Surface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: OM-SS01 Date: 10/1/2003 Depth: 0 - 2 in	OM-SS02 10/1/2003 0 - 2 in	OM-SS03 10/1/2003 0 - 2 in	OM-SS04 10/1/2003 0 - 2 in	OM-SS04/D 10/1/2003 0 - 2 in
2,4-D	--	--	--	21.9 U	19.9 U
2,4-DB	--	--	--	21.9 U	19.9 U
Dalapon	--	--	--	65.4 U	59.7 U
Dicamba	--	--	--	21.9 U	19.9 U
Dichlorprop	--	--	--	21.9 U	19.9 U
Dinoseb	--	--	--	21.9 U	19.9 U
MCPA	--	--	--	6540 U	5970 U
MCPP	--	--	--	6540 U	5970 U
TAL Metals and Mercury (mg/Kg)					
Aluminum	**19200**	**7840**	**4070**	**12300**	**15400**
Antimony	2 U	1.8 U	1.6 U	1.8 U	2 U
Arsenic	**5.3**	1.1 U	**1.1 B**	**4.4**	**6.3**
Barium	**186**	**29.6 B**	**15.2 B**	**153**	**158**
Beryllium	**0.97 B**	**0.3 B**	**0.22 B**	**0.64 B**	**0.77 B**
Cadmium	0.14 U	0.13 U	**0.28 B**	0.13 U	0.14 U
Calcium	**23200**	**2450**	**22200**	**17700**	**31300**
Chromium	**32.7**	**5.3**	**4**	**22**	**26.4**
Cobalt	**20.8**	**4.4 B**	**3.2 B**	**13.9**	**15.7**
Copper	**27.4**	**5.7 B**	**18.7**	**26.6**	**31.3**
Iron	**31300**	**10300**	**7350**	**22700**	**28800**
Lead	**20.2**	**8.7**	**15.5**	**13**	**15.9**
Magnesium	**9500**	**1600**	**12000**	**7810**	**12000**
Manganese	**1000**	**122**	**135**	**668**	**728**
Nickel	**38.5**	**5.3 B**	**5.1 B**	**31.3**	**35.7**
Potassium	**2430 J**	**244 B**	**324 B**	**1800 J**	**2170 J**
Selenium	0.52 U	**0.57 BJ**	0.43 UJ	0.49 UJ	**0.73 BJ**
Silver	0.41 UJ	0.38 UJ	0.34 UJ	0.38 UJ	0.41 UJ
Sodium	149 U	138 U	**175 B**	**167 B**	151 U
Thallium	1.1 U	1.1 U	0.94 U	1.1 U	1.2 U
Vanadium	**42.2**	**16.2**	**10.6 B**	**27.4**	**32.2**
Zinc	**84.3**	**31.8**	**1150**	**70.9**	**79**
Mercury	0.07 U	0.06 U	0.05 U	0.06 U	0.07 U
Total Cyanide (mg/Kg)					
Cyanide Tot.	**0.29**	**0.23**	**0.34**	0.16 U	0.16 U
Total Petroleum Hydrocarbons (mg/Kg)					
n-Hexane Extractable Material	--	--	--	281 U	262 U
Percent Moisture (wt%)					
Percent Moisture	--	--	--	**30.2**	**23.7**
Percent Solids (%)					
Percent Solids	**75**	**80**	**88**	**76**	77

Table D-5-1
Complete Analytical Data Summary for Surface Soil Samples from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
OM = Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-5-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	OM-GP01-SB 10/2/2003 11 - 13 ft	OM-GP02-SB 10/2/2003 8 - 10 ft	OM-GP03-SB 10/2/2003 4.25 - 5.75 ft	OM-GP04-SB 10/2/2003 12.8 - 14.8 ft	OM-GP05-SB1 10/2/2003 11 - 13 ft	OM-GP05-SB2 10/2/2003 17 - 18.6 ft
TCL Volatile Organic Compounds (µg/Kg)							
1,1,1-Trichloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 UJ	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,2-Dibromoethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 UJ	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
2-Butanone		10 U	10 UJ	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 UJ	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 UJ	10 U	10 U	10 U	10 U
Acetone		10 U	10 UJ	10 U	**15**	10 U	25 U
Benzene		10 U	10 UJ	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 UJ	10 U	10 U	10 U	10 U
Bromoform		10 U	10 UJ	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 UJ	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 UJ	10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 UJ	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 UJ	10 U	10 U	10 U	10 U
Chloroform		10 U	10 UJ	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 UJ	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 UJ	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 UJ	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 UJ	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 UJ	10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 UJ	10 U	10 U	10 U	10 U
Ethylbenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
Isopropylbenzene		10 U	10 UJ	10 U	10 U	10 U	10 U
Methyl Acetate		10 U	10 UJ	10 U	10 U	10 U	10 U
Methyl tert-Butyl Ether		10 U	10 UJ	10 U	10 U	10 U	10 U
Methylcyclohexane		10 U	10 UJ	10 U	10 U	10 U	10 U
Methylene Chloride		10 U	10 UJ	10 U	10 U	10 U	10 U
Styrene		10 U	10 UJ	10 U	10 U	10 U	10 U
Tetrachloroethene		10 U	10 UJ	10 U	10 U	10 U	10 U
Toluene		**1 J**	10 UJ	**1 J**	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 UJ	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 UJ	10 U	10 U	10 U	10 U
Trichloroethene		10 U	10 UJ	10 U	10 U	10 U	10 U
Trichlorofluoromethane		**0.7 J**	**1 J**	**0.8 J**	10 U	10 U	10 U
Vinyl Chloride		10 U	10 UJ	10 U	10 U	10 U	10 U
Xylenes (Total)		10 U	10 UJ	10 U	10 U	10 U	10 U

Table D-5-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-GP01-SB	OM-GP02-SB	OM-GP03-SB	OM-GP04-SB	OM-GP05-SB1	OM-GP05-SB2
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	11 - 13 ft	8 - 10 ft	4.25 - 5.75 ft	12.8 - 14.8 ft	11 - 13 ft	17 - 18.6 ft
TCL Semivolatile Organic Compounds (µg/Kg)							
1,1'-Biphenyl		460 U	470 U	440 U	400 U	340 U	430 U
2,2'-Oxybis(1- Chloropropane)		460 U	470 U	440 U	400 U	340 U	430 U
2,4,5-Trichlorophenol		1200 U	1200 U	1100 U	1000 U	860 U	1100 U
2,4,6-Trichlorophenol		460 U	470 U	440 U	400 U	340 U	430 U
2,4-Dichlorophenol		460 U	470 U	440 U	400 U	340 U	430 U
2,4-Dimethylphenol		460 U	470 U	440 U	400 U	340 U	430 U
2,4-Dinitrophenol		1200 UJ	1200 UJ	1100 UJ	1000 UJ	860 UJ	1100 UJ
2,4-Dinitrotoluene		460 U	470 U	440 U	400 U	340 U	430 U
2,6-Dinitrotoluene		460 U	470 U	440 U	400 U	340 U	430 U
2-Chloronaphthalene		460 U	470 U	440 U	400 U	340 U	430 U
2-Chlorophenol		460 U	470 U	440 U	400 U	340 U	430 U
2-Methylnaphthalene		460 U	470 U	440 U	400 U	340 U	430 U
2-Methylphenol		460 U	470 U	440 U	400 U	340 U	430 U
2-Nitroaniline		1200 UJ	1200 UJ	1100 UJ	1000 UJ	860 UJ	1100 UJ
2-Nitrophenol		460 U	470 U	440 U	400 U	340 U	430 U
3,3'-Dichlorobenzidine		460 U	470 U	440 U	400 U	340 U	430 U
3-Nitroaniline		1200 U	1200 U	1100 U	1000 U	860 U	1100 U
4,6-Dinitro-2-Methylphenol		1200 U	1200 U	1100 U	1000 U	860 U	1100 U
4-Bromophenyl-Phenylether		460 U	470 U	440 U	400 U	340 U	430 U
4-Chloro-3-Methylphenol		460 U	470 U	440 U	400 U	340 U	430 U
4-Chloroaniline		460 U	470 U	440 U	400 U	340 U	430 U
4-Chlorophenyl-Phenyl Ether		460 U	470 U	440 U	400 U	340 U	430 U
4-Methylphenol		460 U	470 U	440 U	400 U	340 U	430 U
4-Nitroaniline		1200 U	1200 U	1100 U	1000 U	860 U	1100 U
4-Nitrophenol		1200 UJ	1200 UJ	1100 UJ	1000 UJ	860 UJ	1100 UJ
Acenaphthene		460 U	470 U	440 U	400 U	340 U	430 U
Acenaphthylene		460 U	470 U	440 U	400 U	340 U	430 U
Acetophenone		460 U	470 U	440 U	400 U	340 U	430 U
Anthracene		460 U	470 U	440 U	400 U	340 U	430 U
Atrazine		460 U	470 U	440 U	400 U	340 U	430 U
Benzaldehyde		460 UJ	470 UJ	440 UJ	400 UJ	340 UJ	430 UJ
Benzo(a)anthracene		460 U	470 U	440 U	400 U	340 U	430 U
Benzo(a)pyrene		460 U	470 U	440 U	400 U	340 U	430 U
Benzo(b)fluoranthene		460 U	470 U	440 U	400 U	340 U	430 U
Benzo(g,h,i)perylene		460 U	470 U	440 U	400 U	340 U	430 U
Benzo(k)fluoranthene		460 U	470 U	440 U	400 U	340 U	430 U
Bis(2-Chloroethoxy)Methane		460 U	470 U	440 U	400 U	340 U	430 U
Bis-(2-Chloroethyl)Ether		460 U	470 U	440 U	400 U	340 U	430 U
Bis(2-Ethylhexyl)Phthalate		460 U	470 U	440 U	400 U	340 U	430 U
Butylbenzylphthalate		460 U	470 U	440 U	400 U	340 U	430 U
Caprolactam		460 U	470 U	440 U	400 U	340 U	430 U
Carbazole		460 U	470 U	440 U	400 U	340 U	430 U
Chrysene		460 U	470 U	440 U	400 U	340 U	430 U
Dibenzo(a,h)-anthracene		460 U	470 U	440 U	400 U	340 U	430 U
Dibenzofuran		460 U	470 U	440 U	400 U	340 U	430 U
Diethylphthalate		460 U	470 U	440 U	400 U	340 U	430 U
Dimethylphthalate		460 U	470 U	440 U	400 U	340 U	430 U
Di-n-Butylphthalate		460 U	470 U	440 U	400 U	340 U	430 U

Table D-5-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	OM-GP01-SB 10/2/2003 11 - 13 ft	OM-GP02-SB 10/2/2003 8 - 10 ft	OM-GP03-SB 10/2/2003 4.25 - 5.75 ft	OM-GP04-SB 10/2/2003 12.8 - 14.8 ft	OM-GP05-SB1 10/2/2003 11 - 13 ft	OM-GP05-SB2 10/2/2003 17 - 18.6 ft
Di-n-Octylphthalate		460 U	470 U	440 U	400 U	340 U	430 U
Fluoranthene		460 U	470 U	440 U	400 U	340 U	430 U
Fluorene		460 U	470 U	440 U	400 U	340 U	430 U
Hexachlorobenzene		460 U	470 U	440 U	400 U	340 U	430 U
Hexachlorobutadiene		460 U	470 U	440 U	400 U	340 U	430 U
Hexachlorocyclo-Pentadiene		460 U	470 U	440 U	400 U	340 U	430 U
Hexachloroethane		460 U	470 U	440 U	400 U	340 U	430 U
Indeno(1,2,3-cd)-pyrene		460 U	470 U	440 U	400 U	340 U	430 U
Isophorone		460 U	470 U	440 U	400 U	340 U	430 U
Naphthalene		460 U	470 U	440 U	400 U	340 U	430 U
Nitrobenzene		460 U	470 U	440 U	400 U	340 U	430 U
n-Nitroso Diphenylamine		460 U	470 U	440 U	400 U	340 U	430 U
n-Nitroso-Di-n Propylamine		460 U	470 U	440 U	400 U	340 U	430 U
Pentachlorophenol		1200 UJ	1200 UJ	1100 UJ	1000 UJ	860 UJ	1100 UJ
Phenanthrene		460 U	470 U	440 U	400 U	340 U	430 U
Phenol		460 U	470 U	440 U	400 U	340 U	430 U
Pyrene		460 UJ	470 UJ	440 UJ	400 UJ	340 UJ	430 UJ
TCL Pesticide and PCBs (µg/Kg)							
4,4'-DDD		4.6 U	4.7 U	4.4 U	4 U	3.4 U	4.3 U
4,4'-DDE		4.6 UJ	4.7 UJ	4.4 UJ	4 U	3.4 UJ	4.3 UJ
4,4'-DDT		4.6 U	4.7 U	4.4 U	4 U	3.4 U	**1.8 J**
Aldrin		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Alpha-BHC		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Alpha-Chlordane		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Aroclor-1016		46 U	47 U	44 U	40 U	34 U	43 U
Aroclor-1221		93 U	96 U	89 U	82 U	70 U	87 U
Aroclor-1232		46 U	47 U	44 U	40 U	34 U	43 U
Aroclor-1242		46 U	47 U	44 U	40 U	34 U	43 U
Aroclor-1248		46 U	47 U	44 U	40 U	34 U	43 U
Aroclor-1254		46 U	47 U	44 U	40 U	34 U	43 U
Aroclor-1260		46 U	47 U	44 U	40 U	34 U	43 U
Beta-BHC		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Delta-BBHC		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Dieldrin		4.6 U	4.7 U	4.4 U	4 U	3.4 U	4.3 U
Endosulfan I		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Endosulfan II		4.6 UJ	4.7 UJ	4.4 UJ	4 U	3.4 UJ	4.3 UJ
Endosulfan Sulfate		4.6 U	4.7 U	4.4 U	4 U	3.4 U	4.3 U
Endrin		4.6 U	4.7 U	4.4 U	4 U	3.4 U	4.3 U
Endrin Aldehyde		4.6 UJ	4.7 UJ	4.4 UJ	4 U	3.4 UJ	4.3 UJ
Endrin Ketone		4.6 UJ	4.7 UJ	4.4 UJ	4 U	3.4 UJ	4.3 UJ
Gamma-BHC (Lindane)		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Gamma-Chlordane		2.4 UJ	2.4 UJ	2.3 UJ	2.1 U	1.8 UJ	2.2 UJ
Heptachlor		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Heptachlor Epoxide		2.4 U	2.4 U	2.3 U	2.1 U	1.8 U	2.2 U
Methoxychlor		24 U	24 U	23 U	21 U	18 U	22 U
Toxaphene		240 U	240 U	230 U	210 U	180 U	220 U
TAL Metals and Mercury (mg/Kg)							
Aluminum		**7660**	**17900**	**19500**	**14100**	**5230**	**4260**
Antimony		2 U	2 U	2 U	1.6 U	2.3 U	1.8 U

Table D-5-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-GP01-SB	OM-GP02-SB	OM-GP03-SB	OM-GP04-SB	OM-GP05-SB1	OM-GP05-SB2
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	11 - 13 ft	8 - 10 ft	4.25 - 5.75 ft	12.8 - 14.8 ft	11 - 13 ft	17 - 18.6 ft
Arsenic		3	4.8	4.7	0.99 U	1.8 B	7.1
Barium		79.8	184	207	62.8	31.9 B	82.8
Beryllium		0.42 B	0.94 B	1.1 B	0.52 B	0.29 B	0.24 B
Cadmium		0.14 U	0.14 U	0.14 U	0.11 U	0.16 U	0.13 U
Calcium		12700	54500	34600	2880	2190	1770
Chromium		11.5	28.2	29.1	12.5	3.5	3.6
Cobalt		7.9 B	15.4	16.9	5.7	4.6 B	11 B
Copper		14.3	30.7	31.2	10.8 J	6 BJ	7.6 J
Iron		16300	31600	35100	13800	12300	24600
Lead		5.4	13.4	13.6	3.8	1.6 J	2.9 J
Magnesium		5390	13100	12500	2500	1960	1520
Manganese		235	681	678	54	195	106
Nickel		15.4	39.5	44.3	9.7	5.8 B	10.4
Potassium		1170 B	3190 J	3390 J	576 B	403 B	349 B
Selenium		1.6 J	0.53 UJ	0.52 UJ	0.87 BJ	0.6 U	0.48 U
Silver		0.42 UJ	0.42 UJ	0.41 UJ	0.34 U	0.48 U	0.38 U
Sodium		195 B	190 B	220 B	123 U	174 U	138 U
Thallium		1.2 U	1.2 U	1.2 U	0.94 U	1.3 U	1.1 U
Vanadium		18.4	31.8	35.3	26.1	10.7 B	10.9 B
Zinc		44.2	84.2	93.3	38	37.1	54.2
Mercury		0.07 U	0.06 U	0.07 U	0.05 U	0.08 U	0.06 U
Total Cyanide (mg/Kg)							
Cyanide Tot.		0.18 U	0.18 U	0.16 U	0.15 U	0.12 U	0.15 U
Percent Solids (%)							
Percent Solids, 105DegC		67	69	74	83	97	80

Table D-5-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
ft = Feet.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
OM = Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-5-3
Complete Analytical Data Summary for Surface Water Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date:	OM-SW01 9/30/2003	OM-SW02 9/30/2003	OM-SW05 9/30/2003	OM-SW07 10/1/2003
TCL Volatile Organic Compounds (µg/L)					
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		**10 R**	**10 R**	**10 R**	**10 R**
1,2-Dibromoethane		10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U
2-Butanone		10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U
Acetone		10 UJ	10 UJ	10 UJ	10 UJ
Benzene		10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U
Chloroform		10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U
Ethylbenzene		10 U	10 U	10 U	10 U
Isopropylbenzene		10 U	10 U	10 U	10 U
Methyl Acetate		10 U	10 U	10 U	10 U
Methyl tert-Butyl Ether		10 U	10 U	10 U	10 U
Methylcyclohexane		10 U	10 U	10 U	10 U
Methylene Chloride		10 U	10 U	10 U	10 U
Styrene		10 U	10 U	10 U	10 U
Tetrachloroethene		10 U	10 U	10 U	10 U
Toluene		10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U
Trichloroethene		10 U	10 U	10 U	10 U
Trichlorofluoromethane		10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U

Table D-5-3
Complete Analytical Data Summary for Surface Water Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date:	OM-SW01 9/30/2003	OM-SW02 9/30/2003	OM-SW05 9/30/2003	OM-SW07 10/1/2003
Xylenes (Total)		10 U	10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)					
1,1'-Biphenyl		10 U	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol		25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol		10 U	10 U	10 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U	10 U
2,4-Dinitrophenol		25 UJ	25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U	10 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U	10 U
2-Chlorophenol		10 U	10 U	10 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U	10 U
2-Methylphenol		10 U	10 U	10 U	10 U
2-Nitroaniline		25 U	25 U	25 U	25 U
2-Nitrophenol		10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine		10 U	10 U	10 U	10 U
3-Nitroaniline		25 U	25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol		25 U	25 U	25 U	25 UJ
4-Bromophenyl-Phenylether		10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U	10 U
4-Nitroaniline		25 U	25 U	25 U	25 U
4-Nitrophenol		25 UJ	25 UJ	25 UJ	25 UJ
Acenaphthene		10 U	10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U	10 U
Anthracene		10 U	10 U	10 U	10 U
Atrazine		10 U	10 U	10 U	10 U
Benzaldehyde		10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U	10 U
Benzo(k)fluoranthene		10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U	**3 J**
Butylbenzylphthalate		10 U	10 U	10 U	10 U
Caprolactam		10 U	10 U	10 U	10 U
Carbazole		10 U	10 U	10 U	10 U
Chrysene		10 U	10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U	10 U

Table D-5-3
Complete Analytical Data Summary for Surface Water Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte / Sample ID: / Date:	OM-SW01 9/30/2003	OM-SW02 9/30/2003	OM-SW05 9/30/2003	OM-SW07 10/1/2003
Dimethylphthalate	10 U	10 U	10 U	10 U
Di-n-Butylphthalate	10 U	10 U	10 U	10 U
Di-n-Octylphthalate	10 U	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U	10 U	10 U
Pentachlorophenol	25 UJ	25 UJ	25 UJ	25 UJ
Phenanthrene	10 U	10 U	10 U	10 U
Phenol	10 U	10 U	10 U	10 U
Pyrene	10 UJ	10 UJ	10 UJ	10 UJ
TCL Pesticides and PCBs (µg/L)				
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 U	5 U

Table D-5-3
Complete Analytical Data Summary for Surface Water Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date:	OM-SW01 9/30/2003	OM-SW02 9/30/2003	OM-SW05 9/30/2003	OM-SW07 10/1/2003
TAL Metals and Mercury (µg/L)					
Aluminum		**105 B**	**162 B**	19 U	19 U
Antimony		7.2 U	7.2 U	7.2 U	7.2 U
Arsenic		4.4 UJ	4.4 UJ	4.4 UJ	4.4 UJ
Barium		**58.2 B**	**27.9 B**	**11.8 B**	**10.7 B**
Beryllium		0.1 U	0.1 U	0.1 U	0.1 U
Cadmium		0.5 U	0.5 U	0.5 U	0.5 U
Calcium		**84400**	**25300**	**11400**	**10100**
Chromium		**1.7 B**	**1.6 B**	1.1 U	1.1 U
Cobalt		**2.2 B**	1.4 U	**1.7 B**	**2.2 B**
Copper		**2.8 B**	**5.5 B**	1.2 U	1.2 U
Iron		**560**	**950**	**372**	**323**
Lead		2.6 U	**6.1**	2.6 U	2.6 U
Magnesium		**15800**	**5190**	**2090 B**	**1680 B**
Manganese		**90.6**	**138**	**55.4**	**43.1**
Nickel		**4.5 B**	1.8 U	1.8 U	1.8 U
Potassium		**1660 B**	**779 B**	**492 B**	**776 B**
Selenium		1.9 U	1.9 U	1.9 U	1.9 U
Silver		1.5 U	1.5 U	1.5 U	1.5 U
Sodium		**10300 J**	**7140 J**	**6820 J**	**254000 J**
Thallium		4.2 U	4.2 U	4.2 U	4.2 U
Vanadium		**3.1 B**	**2.6 B**	**2.1 B**	1.6 U
Zinc		**140 J**	**177 J**	**33.5 J**	**17.3 B**
Mercury		**0.13 B**	0.1 U	0.1 U	0.1 U
Total Cyanide (µg/L)					
Cyanide Tot.		5 U	5 U	5 U	5 U
Anions (mg/L)					
Bromide		0.100 U	0.100 U	0.100 U	0.100 U
Chloride		**6.6**	**9.87**	**10.8**	**11.1**
Fluoride		**0.149**	**0.0914 J**	**0.0813 J**	**0.092 J**
Nitrate-N		**0.111**	**0.177**	**0.182**	**0.2**
Nitrite-N		0.100 U	0.100 U	0.100 U	0.100 U
Phosphate		0.100 U	0.100 U	0.100 U	0.100 U
Sulfate		**29.8**	**15.7**	**10.4**	**10.7**
Hardness (mg/L)					
Hardness (As CaCO3)		**440**	**235**	**185**	**175**

Table D-5-3
Complete Analytical Data Summary for Surface Water Samples from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
NYS = New York State.
OM = Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SW = Surface water sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-5-4
Complete Analytical Data Summary for Sediment Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-SE01	OM-SE02	OM-SE03	OM-SE04	OM-SE05	OM-SE06	OM-SE07
	Date:	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)								
1,1,1-Trichloroethane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
1,1,2,2-Tetrachloroethane		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		13 U	**1 J**	**0.8 J**	14 U	29 UJ	15 U	10 U
1,1,2-Trichloroethane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
1,1-Dichloroethane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
1,1-Dichloroethene		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
1,2,4-Trichlorobenzene		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
1,2-Dibromo-3-Chloropropane		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
1,2-Dibromoethane		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
1,2-Dichlorobenzene		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
1,2-Dichloroethane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
1,2-Dichloropropane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
1,3-Dichlorobenzene		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
1,4-Dichlorobenzene		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
2-Butanone		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
2-Hexanone		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
4-Methyl-2-Pentanone		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
Acetone		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Benzene		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Bromodichloromethane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Bromoform		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Bromomethane		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Carbon Disulfide		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Carbon Tetrachloride		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Chlorobenzene		13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
Chloroethane		13 UJ	24 UJ	14 UJ	14 UJ	29 UJ	15 U	10 U
Chloroform		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Chloromethane		13 U	**1 J**	14 U	14 U	29 UJ	15 U	10 U
cis-1,2-Dichloroethene		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
cis-1,3-Dichloropropene		13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U

Table D-5-4
Complete Analytical Data Summary for Sediment Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte / Sample ID:	OM-SE01	OM-SE02	OM-SE03	OM-SE04	OM-SE05	OM-SE06	OM-SE07
Date:	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Cyclohexane	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Dibromochloromethane	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Dichlorodifluoromethane	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Ethylbenzene	13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
Isopropylbenzene	13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
Methyl Acetate	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Methyl tert-Butyl Ether	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Methylcyclohexane	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Methylene Chloride	10 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Styrene	13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
Tetrachloroethene	13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
Toluene	13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
trans-1,2-Dichloroethene	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
trans-1,3-Dichloropropene	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Trichloroethene	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Trichlorofluoromethane	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Vinyl Chloride	13 U	24 UJ	14 U	14 U	29 UJ	15 U	10 U
Xylenes (Total)	13 U	24 UJ	14 U	14 U	29 UJ	15 UJ	10 U
TCL Semivolatile Organic Compounds (µg/Kg)							
1,1'-Biphenyl	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2,2'-Oxybis(1- Chloropropane)	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2,4,5-Trichlorophenol	1300 U	1800 UJ	1300 U	1100 U	2200 UJ	1400 U	1100 U
2,4,6-Trichlorophenol	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2,4-Dichlorophenol	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2,4-Dimethylphenol	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2,4-Dinitrophenol	1300 UJ	1800 UJ	1300 UJ	1100 UJ	2200 UJ	1400 UJ	1100 UJ
2,4-Dinitrotoluene	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2,6-Dinitrotoluene	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2-Chloronaphthalene	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2-Chlorophenol	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2-Methylnaphthalene	530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U

Table D-5-4
Complete Analytical Data Summary for Sediment Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-SE01	OM-SE02	OM-SE03	OM-SE04	OM-SE05	OM-SE06	OM-SE07
	Date:	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
2-Methylphenol		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
2-Nitroaniline		1300 U	1800 UJ	1300 U	1100 U	2200 UJ	1400 U	1100 U
2-Nitrophenol		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
3,3'-Dichlorobenzidine		530 UJ	720 UJ	520 UJ	450 UJ	870 UJ	570 U	420 U
3-Nitroaniline		1300 U	1800 UJ	1300 U	1100 U	2200 UJ	1400 U	1100 U
4,6-Dinitro-2-Methylphenol		1300 U	1800 UJ	1300 UJ	1100 UJ	2200 UJ	1400 UJ	1100 UJ
4-Bromophenyl-Phenylether		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
4-Chloro-3-Methylphenol		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
4-Chloroaniline		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
4-Chlorophenyl-Phenyl Ether		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
4-Methylphenol		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
4-Nitroaniline		1300 U	1800 UJ	1300 U	1100 U	2200 UJ	1400 U	1100 U
4-Nitrophenol		1300 U	1800 UJ	1300 U	1100 U	2200 UJ	1400 UJ	1100 UJ
Acenaphthene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Acenaphthylene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Acetophenone		530 U	**240 J**	520 U	450 U	870 UJ	570 U	420 U
Anthracene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Atrazine		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Benzaldehyde		530 U	720 UJ	520 U	450 U	870 UJ	**420 J**	420 UJ
Benzo(a)anthracene		530 U	**190 J**	520 U	450 U	**430 J**	570 U	420 U
Benzo(a)pyrene		530 U	**190 J**	520 U	450 U	**450 J**	570 U	420 U
Benzo(b)fluoranthene		530 U	**160 J**	520 U	450 U	**470 J**	570 U	420 U
Benzo(g,h,i)perylene		530 U	720 UJ	520 U	450 U	**270 J**	570 U	420 U
Benzo(k)fluoranthene		530 U	**220 J**	520 U	450 U	**390 J**	570 U	420 U
Bis(2-Chloroethoxy)Methane		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Bis-(2-Chloroethyl)Ether		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Bis(2-Ethylhexyl)Phthalate		**410 J**	**390 J**	520 U	450 U	**340 J**	570 U	420 U
Butylbenzylphthalate		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Caprolactam		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Carbazole		530 UJ	720 UJ	520 UJ	450 UJ	870 UJ	570 U	420 U
Chrysene		530 U	**250 J**	520 U	450 U	**550 J**	570 U	420 U

Table D-5-4
Complete Analytical Data Summary for Sediment Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-SE01	OM-SE02	OM-SE03	OM-SE04	OM-SE05	OM-SE06	OM-SE07
	Date:	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dibenzo(a,h)-anthracene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Dibenzofuran		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Diethylphthalate		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Dimethylphthalate		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Di-n-Butylphthalate		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Di-n-Octylphthalate		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Fluoranthene		530 U	**310 J**	520 U	450 U	**720 J**	570 U	420 U
Fluorene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Hexachlorobenzene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Hexachlorobutadiene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Hexachlorocyclo-Pentadiene		530 UJ	720 UJ	520 UJ	450 UJ	870 UJ	570 U	420 U
Hexachloroethane		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Indeno(1,2,3-cd)-pyrene		530 U	720 UJ	520 U	450 U	**350 J**	570 U	420 U
Isophorone		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Naphthalene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Nitrobenzene		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
n-Nitroso Diphenylamine		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
n-Nitroso-Di-n Propylamine		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Pentachlorophenol		1300 U	1800 UJ	1300 U	1100 U	2200 UJ	1400 UJ	1100 UJ
Phenanthrene		530 U	720 UJ	520 U	450 U	**290 J**	570 U	420 U
Phenol		530 U	720 UJ	520 U	450 U	870 UJ	570 U	420 U
Pyrene		530 U	**370 J**	520 U	450 U	**750 J**	570 UJ	420 UJ
TCL Pesticide and PCBs (µg/Kg)								
4,4'-DDD		5.3 U	7.2 UJ	5.2 U	4.5 U	8.7 UJ	5.7 U	4.2 U
4,4'-DDE		**14 J**	**40 J**	5.2 U	**5.7 JN**	**46 J**	**4.9 J**	4.2 U
4,4'-DDT		5.3 U	7.2 UJ	5.2 U	4.5 U	8.7 UJ	5.7 U	4.2 U
Aldrin		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 U	2.2 U
Alpha-BHC		2.7 UJ	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 UJ	2.2 UJ
Alpha-Chlordane		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 U	2.2 U
Aroclor-1016		53 U	72 UJ	52 U	45 U	87 UJ	57 U	42 U
Aroclor-1221		110 U	150 UJ	110 U	91 U	180 UJ	120 U	86 U

Table D-5-4
Complete Analytical Data Summary for Sediment Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-SE01	OM-SE02	OM-SE03	OM-SE04	OM-SE05	OM-SE06	OM-SE07
	Date:	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Aroclor-1232		53 U	72 UJ	52 U	45 U	87 UJ	57 U	42 U
Aroclor-1242		53 U	**19000 J**	52 U	45 U	87 UJ	57 U	42 U
Aroclor-1248		**1600 J**	72 UJ	**130 J**	**360**	**2600 J**	**520**	**440 J**
Aroclor-1254		53 U	**3300 J**	52 U	**110**	**3800 J**	57 U	42 U
Aroclor-1260		**93 J**	**780 J**	52 U	45 U	87 UJ	57 U	42 U
Beta-BHC		2.7 U	3.7 UJ	2.7 U	**7.8 J**	4.5 UJ	2.9 U	2.2 U
Delta-BBHC		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 U	2.2 U
Dieldrin		**14**	**49 J**	**1.8 J**	**4.6 JN**	**49 J**	5.7 U	**3 J**
Endosulfan I		**4 R**	**22 JN**	**1 J**	**5.8 J**	**15 R**	**4.4 J**	2.2 U
Endosulfan II		5.3 U	7.2 UJ	5.2 U	4.5 U	8.7 UJ	5.7 U	4.2 U
Endosulfan Sulfate		5.3 U	7.2 UJ	5.2 U	4.5 U	**38 J**	5.7 U	4.2 U
Endrin		5.3 U	7.2 UJ	5.2 U	4.5 U	8.7 UJ	5.7 U	4.2 U
Endrin Aldehyde		5.3 U	7.2 UJ	5.2 U	4.5 U	8.7 UJ	5.7 U	4.2 U
Endrin Ketone		5.3 U	7.2 UJ	5.2 U	4.5 U	8.7 UJ	5.7 U	4.2 U
Gamma-BHC (Lindane)		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 UJ	2.2 UJ
Gamma-Chlordane		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 U	**3.5**
Heptachlor		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 U	2.2 U
Heptachlor Epoxide		2.7 U	3.7 UJ	2.7 U	2.3 U	4.5 UJ	2.9 U	2.2 U
Methoxychlor		27 U	37 UJ	27 U	23 U	45 UJ	29 U	22 U
Toxaphene		270 U	370 UJ	270 U	230 U	450 UJ	290 U	220 U
TAL Metals and Mercury (mg/Kg)								
Aluminum		**10300**	**10700**	**16100**	**5040**	**7380**	**4090**	**4240**
Antimony		**2.8 B**	**4.5 B**	2 U	2 U	**3.8 B**	2.4 U	1.9 U
Arsenic		**2.2 B**	**2.8 B**	**2.5 B**	1.2 U	**2.5 B**	**1.9 B**	**4.6**
Barium		**86.3**	**93.3**	**110**	**161**	**52.1 B**	**277**	**56**
Beryllium		**0.46 B**	**0.49 B**	**0.71 B**	**0.21 B**	**0.3 B**	**0.2 B**	**0.26 B**
Cadmium		**0.89 B**	**10.4**	0.14 U	0.14 U	**8.3**	0.17 U	0.13 U
Calcium		**10800**	**4800**	**6220**	**4140**	**2570**	**6180**	**13500**
Chromium		**26.4 J**	**214 J**	**15.5 J**	**5.5 J**	**275 J**	**4.5**	**15.5**
Cobalt		**7.4 B**	**9.9 B**	**10.2 B**	**11.2 B**	**6 B**	**12.4 B**	**5 B**
Copper		**24.8**	**52.8**	**18.7**	**6.9 B**	**47.6**	**5.3 B**	**14.6**

Table D-5-4
Complete Analytical Data Summary for Sediment Samples
from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID:	OM-SE01	OM-SE02	OM-SE03	OM-SE04	OM-SE05	OM-SE06	OM-SE07
	Date:	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	9/30/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Iron		13900	14000	21100	41200	7230	34300	23400
Lead		38	238	13.4	1.5 J	271	4.7	33.5
Magnesium		5640	3070	3650	1470	1290 B	1380 B	1870
Manganese		142	150	132	1010	70.4	3860	216
Nickel		17.7	20.6	19.6	13.4	14.5	15.1	9.3 B
Potassium		714 B	691 B	1080 B	429 B	267 B	318 B	346 B
Selenium		0.61 U	1.4 BJ	0.76 BJ	0.54 U	0.83 BJ	0.64 U	0.51 UJ
Silver		0.48 U	0.59 U	0.41 U	0.43 U	0.5 U	0.5 UJ	0.4 UJ
Sodium		291 B	270 B	150 U	155 U	310 B	184 U	147 U
Thallium		1.4 U	1.7 U	1.2 U	1.2 U	1.4 U	1.4 U	1.1 U
Vanadium		31.6	46.7	33.4	10.4 B	43.3	9.5 B	11.9 B
Zinc		1650	981	75.6	31.1	288	36.2	115
Mercury		0.07 U	0.99	0.07 U	0.07 U	0.63	0.08 U	0.1 B
Total Cyanide (mg/Kg)								
Cyanide Tot.		0.89	3.1	0.27	0.16 U	11	1 L	0.4
Total Organic Carbon (mg/Kg)								
Organic Carbon, Tot.		28000	51000	47000	6900	73000	38000	8200
Percent Solids (%)								
Percent Solids, 105DegC		54	37	63	75	28	53	92

Table D-5-4
Complete Analytical Data Summary for Sediment Samples from the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

/D = Duplicate sample.

in = Inches.

J = The reported value is an estimated quantity.

JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.

mg/Kg = Milligrams per kilogram.

NYS = New York State.

OM = Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.

PCB = Polychlorinated biphenyl.

R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.

SE = Sediment sample.

TAL = Target Analyte List.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.

µg/Kg = Micrograms per kilogram.

- = Sample was not analyzed for this parameter.

% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-5-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date:	OM-GP01-GW 10/16/2003	OM-GP02-GW 10/16/2003	OM-GP03-GW 10/15/2003	OM-GP04-GW 10/15/2003	OM-GP05-GW 10/14/2003
TCL Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
1,2-Dibromo-3-Chloropropane		10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane		10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
2-Butanone		10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U	10 U
Acetone		10 UJ	10 U	10 U	10 U	10 U
Benzene		10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U
Chloroform		10 U	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U	10 U
Ethylbenzene		10 U	10 U	10 U	10 U	10 U
Isopropylbenzene		10 U	10 U	10 U	10 U	10 U
Methyl Acetate		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Methyl tert-Butyl Ether		10 U	10 U	10 U	10 U	10 U
Methylcyclohexane		10 U	10 U	10 U	10 U	10 U
Methylene Chloride		10 U	10 U	10 U	10 U	10 U
Styrene		10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		10 U	10 U	10 U	10 U	10 U
Toluene		10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U

Table D-5-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte	Sample ID: / Date:	OM-GP01-GW 10/16/2003	OM-GP02-GW 10/16/2003	OM-GP03-GW 10/15/2003	OM-GP04-GW 10/15/2003	OM-GP05-GW 10/14/2003
Trichloroethene		10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane		10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U
Xylenes (Total)		10 U	10 U	10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)						
1,1'-Biphenyl		10 U	10 U	10 U	11 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U	10 U	11 U	10 U
2,4,5-Trichlorophenol		25 U	25 U	25 U	28 U	25 U
2,4,6-Trichlorophenol		10 U	10 U	10 U	11 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U	11 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U	11 U	10 U
2,4-Dinitrophenol		25 U	25 U	25 UJ	28 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U	10 U	11 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U	11 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U	11 U	10 U
2-Chlorophenol		10 U	10 U	10 U	11 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U	11 U	10 U
2-Methylphenol		10 U	10 U	10 U	11 U	10 U
2-Nitroaniline		25 U	25 U	25 U	28 U	25 U
2-Nitrophenol		10 U	10 U	10 U	11 U	10 U
3,3'-Dichlorobenzidine		10 UJ	10 UJ	10 UJ	11 U	10 UJ
3-Nitroaniline		25 U	25 U	25 UJ	28 U	25 UJ
4,6-Dinitro-2-Methylphenol		25 U	25 U	25 U	28 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U	10 U	11 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U	11 U	10 U
4-Chloroaniline		10 U	10 U	10 U	11 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U	11 U	10 U
4-Methylphenol		10 U	10 U	10 U	11 U	10 U
4-Nitroaniline		25 U	25 U	25 UJ	28 UJ	25 UJ
4-Nitrophenol		25 U	25 U	25 U	28 UJ	25 U
Acenaphthene		10 U	10 U	10 U	11 U	10 U
Acenaphthylene		10 U	10 U	10 U	11 U	10 U
Acetophenone		10 U	10 U	10 U	11 U	10 U
Anthracene		10 U	10 U	10 U	11 U	10 U
Atrazine		10 U	10 U	10 U	11 U	10 U
Benzaldehyde		10 U	10 U	10 UJ	11 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U	11 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U	11 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U	11 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U	11 U	10 U
Benzo(k)fluoranthene		10 U	10 U	10 U	11 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U	11 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U	11 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U	11 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U	11 U	10 U

Table D-5-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte / Sample ID: / Date:	OM-GP01-GW 10/16/2003	OM-GP02-GW 10/16/2003	OM-GP03-GW 10/15/2003	OM-GP04-GW 10/15/2003	OM-GP05-GW 10/14/2003
Caprolactam	**1900**	**3 J**	**3600**	**44**	10 U
Carbazole	10 UJ	10 UJ	10 UJ	11 U	10 UJ
Chrysene	10 U	10 U	10 U	11 U	10 U
Dibenzo(a,h)-anthracene	10 U	10 U	10 U	11 U	10 U
Dibenzofuran	10 U	10 U	10 U	11 U	10 U
Diethylphthalate	**3 J**	10 U	**9 J**	11 U	10 U
Dimethylphthalate	10 U	10 U	10 U	11 U	10 U
Di-n-Butylphthalate	10 U	10 U	**2 J**	11 U	10 U
Di-n-Octylphthalate	10 U	10 U	10 U	11 U	10 U
Fluoranthene	10 U	10 U	10 U	11 U	10 U
Fluorene	10 U	10 U	10 U	11 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	11 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	11 U	10 U
Hexachlorocyclo-Pentadiene	10 U	10 U	10 UJ	11 U	10 UJ
Hexachloroethane	10 U	10 U	10 U	11 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U	11 U	10 U
Isophorone	10 U	10 U	10 U	11 U	10 U
Naphthalene	10 U	10 U	10 U	11 U	10 U
Nitrobenzene	10 U	10 U	10 U	11 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U	11 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U	10 UJ	11 U	10 UJ
Pentachlorophenol	25 U	25 U	25 U	28 U	25 U
Phenanthrene	10 U	10 U	10 U	11 U	10 U
Phenol	10 U	10 U	10 U	11 U	10 U
Pyrene	10 U	10 U	10 U	11 U	10 U
TCL Pesticides and PCBs (µg/L)					
4,4'-DDD	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 UJ	1 U	1 U
Aroclor-1221	2 U	2 U	2 UJ	2 U	2 U
Aroclor-1232	1 U	1 U	1 UJ	1 U	1 U
Aroclor-1242	1 U	1 U	1 UJ	1 U	1 U
Aroclor-1248	1 U	1 U	1 UJ	**1.6**	1 U
Aroclor-1254	1 U	1 U	1 UJ	1 U	1 U
Aroclor-1260	1 U	1 U	1 UJ	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U

Table D-5-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site

Analyte / Sample ID: / Date:	OM-GP01-GW 10/16/2003	OM-GP02-GW 10/16/2003	OM-GP03-GW 10/15/2003	OM-GP04-GW 10/15/2003	OM-GP05-GW 10/14/2003
Endrin	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U
Endrin Ketone	**0.068 J**	0.1 U	0.1 UJ	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.05 UJ	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 UJ	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 UJ	5 U	5 U
TAL Metals and Mercury (µg/L)					
Aluminum	**30.3 B**	**85.7 B**	**689**	**95.1 B**	**71.9 B**
Antimony	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
Arsenic	5.8 U	5.8 U	5.8 U	**9.2 B**	5.8 U
Barium	**78.9 B**	**114 B**	**95.7 B**	**38.8 B**	**225**
Beryllium	0.1 U	**0.12 B**	**0.16 B**	0.1 U	0.1 U
Cadmium	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Calcium	**60200**	**76100**	**78600**	**205000**	**106000**
Chromium	1 U	1 U	1 U	1 U	1 U
Cobalt	**4.8 B**	**10.5 B**	**3.7 B**	**5.6 B**	**14.3 B**
Copper	**3.9 B**	**2.8 B**	**4.7 B**	1 U	1 U
Iron	27.9 U	27.9 U	**923**	**84300**	**99900**
Lead	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Magnesium	**91500**	**114000**	**81700**	**33500**	**21300**
Manganese	**59.4**	**967**	**819**	**10600 J**	**4450 J**
Nickel	2.3 U	**4.6 B**	**6.1 B**	2.3 U	**3.2 B**
Potassium	**2750 B**	**8320 J**	**3980 B**	**899 B**	**2390 B**
Selenium	3.8 U	**5.2 J**	**5.6 J**	3.8 U	3.8 U
Silver	1.4 U	1.4 U	1.4 U	1.4 UJ	1.4 UJ
Sodium	**23800 J**	**55500 J**	**54200 J**	**2950 B**	**22700**
Thallium	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Vanadium	0.9 U	0.9 U	0.9 U	**2 B**	**2.6 B**
Zinc	**37.2**	**33**	**35.2**	**19.3 B**	**18.9 B**
Mercury	0.1 UJ	0.1 UJ	0.1 UJ	0.1 U	0.1 U
Total Cyanide (µg/L)					
Cyanide Tot.	5 U	5 U	5 U	5 U	5 U

Table D-5-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
GW = Groundwater sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
NYS = New York State.
OM = Old Moreau Dredge Spoils Area / NYS Canal Corporation Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS01 Date: 10/9/2003 Depth: 0 - 2 in	GPS-SS02 10/8/2003 0 - 2 in	GPS-SS03 10/8/2003 0 - 2 in	GPS-SS04 10/8/2003 0 - 2 in	GPS-SS05 10/8/2003 0 - 2 in	GPS-SS06 10/8/2003 0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)						
1,1,1-Trichloroethane	10 U	--	--	--	10 U	11 U
1,1,2,2-Tetrachloroethane	10 U	--	--	--	10 U	11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.6 J	--	--	--	10 U	11 U
1,1,2-Trichloroethane	10 U	--	--	--	10 U	11 U
1,1-Dichloroethane	10 U	--	--	--	10 U	11 U
1,1-Dichloroethene	10 UJ	--	--	--	10 U	11 U
1,2,4-Trichlorobenzene	10 U	--	--	--	10 U	11 U
1,2-Dibromo-3-Chloropropane	10 U	--	--	--	10 U	11 U
1,2-Dibromoethane	10 U	--	--	--	10 U	11 U
1,2-Dichlorobenzene	10 U	--	--	--	10 U	11 U
1,2-Dichloroethane	10 U	--	--	--	10 U	11 U
1,2-Dichloropropane	10 U	--	--	--	10 U	11 U
1,3-Dichlorobenzene	10 U	--	--	--	10 U	11 U
1,4-Dichlorobenzene	10 U	--	--	--	10 U	11 U
2-Butanone	10 U	--	--	--	10 U	11 U
2-Hexanone	10 U	--	--	--	10 U	11 U
4-Methyl-2-Pentanone	10 U	--	--	--	10 U	11 U
Acetone	10 U	--	--	--	10 U	11 U
Benzene	10 U	--	--	--	10 U	11 U
Bromodichloromethane	10 U	--	--	--	10 U	11 U
Bromoform	10 U	--	--	--	10 U	11 U
Bromomethane	10 UJ	--	--	--	10 U	11 U
Carbon Disulfide	10 UJ	--	--	--	10 U	11 U
Carbon Tetrachloride	10 U	--	--	--	10 U	11 U
Chlorobenzene	10 U	--	--	--	10 U	11 U
Chloroethane	10 U	--	--	--	10 U	11 U
Chloroform	10 U	--	--	--	10 U	11 U
Chloromethane	10 U	--	--	--	10 U	11 U
cis-1,2-Dichloroethene	10 U	--	--	--	10 U	11 U
cis-1,3-Dichloropropene	10 U	--	--	--	10 U	11 U
Cyclohexane	10 U	--	--	--	10 U	11 U
Dibromochloromethane	10 U	--	--	--	10 UJ	11 UJ
Dichlorodifluoromethane	10 U	--	--	--	10 U	11 U
Ethylbenzene	10 U	--	--	--	10 U	11 U
Isopropylbenzene	10 U	--	--	--	10 U	11 U
Methyl Acetate	10 U	--	--	--	10 U	11 U
Methyl tert-Butyl Ether	10 U	--	--	--	10 U	11 U
Methylcyclohexane	10 U	--	--	--	10 U	11 U
Methylene Chloride	10 U	--	--	--	10 U	11 U
Styrene	10 U	--	--	--	10 U	11 U
Tetrachloroethene	10 U	--	--	--	10 U	11 U
Toluene	10 U	--	--	--	10 U	11 U
trans-1,2-Dichloroethene	10 U	--	--	--	10 U	11 U
trans-1,3-Dichloropropene	10 U	--	--	--	10 U	11 U
Trichloroethene	10 U	--	--	--	10 U	11 U
Trichlorofluoromethane	10 U	--	--	--	10 UJ	11 UJ
Vinyl Chloride	10 U	--	--	--	10 U	11 U
Xylenes (Total)	10 U	--	--	--	10 U	11 U

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS01 Date: 10/9/2003 Depth: 0 - 2 in	GPS-SS02 10/8/2003 0 - 2 in	GPS-SS03 10/8/2003 0 - 2 in	GPS-SS04 10/8/2003 0 - 2 in	GPS-SS05 10/8/2003 0 - 2 in	GPS-SS06 10/8/2003 0 - 2 in
TCL Semivolatile Organic Compounds (µg/Kg)						
1,1'-Biphenyl	460 U	380 U	410 U	450 U	390 U	430 U
2,2'-Oxybis(1- Chloropropane)	460 U	380 U	410 U	450 U	390 U	430 U
2,4,5-Trichlorophenol	1200 U	940 U	1000 U	1100 U	980 U	1100 U
2,4,6-Trichlorophenol	460 U	380 U	410 U	450 U	390 U	430 U
2,4-Dichlorophenol	460 U	380 U	410 U	450 U	390 U	430 U
2,4-Dimethylphenol	460 U	380 U	410 U	450 U	390 U	430 U
2,4-Dinitrophenol	1200 U	940 U	1000 U	1100 U	980 UJ	1100 UJ
2,4-Dinitrotoluene	460 U	380 U	410 U	450 U	390 U	430 U
2,6-Dinitrotoluene	460 U	380 U	410 U	450 U	390 U	430 U
2-Chloronaphthalene	460 U	380 U	410 U	450 U	390 U	430 U
2-Chlorophenol	460 U	380 U	410 U	450 U	390 U	430 U
2-Methylnaphthalene	460 U	380 U	410 U	450 U	390 U	430 U
2-Methylphenol	460 U	380 U	410 U	450 U	390 U	430 U
2-Nitroaniline	1200 U	940 U	1000 U	1100 U	980 U	1100 U
2-Nitrophenol	460 U	380 U	410 U	450 U	390 U	430 U
3,3'-Dichlorobenzidine	460 UJ	380 UJ	410 UJ	450 UJ	390 U	430 U
3-Nitroaniline	1200 U	940 U	1000 U	1100 U	980 U	1100 U
4,6-Dinitro-2-Methylphenol	1200 U	940 U	1000 U	1100 U	980 U	1100 U
4-Bromophenyl-Phenylether	460 U	380 U	410 U	450 U	390 U	430 U
4-Chloro-3-Methylphenol	460 U	380 U	410 U	450 U	390 U	430 U
4-Chloroaniline	460 U	380 U	410 U	450 U	390 U	430 U
4-Chlorophenyl-Phenyl Ether	460 U	380 U	410 U	450 U	390 U	430 U
4-Methylphenol	460 U	380 U	410 U	450 U	390 U	430 U
4-Nitroaniline	1200 U	940 U	1000 U	1100 U	980 U	1100 U
4-Nitrophenol	1200 UJ	940 UJ	1000 UJ	1100 UJ	980 UJ	1100 UJ
Acenaphthene	460 U	380 U	410 U	450 U	390 U	430 U
Acenaphthylene	460 U	**88 J**	410 U	450 U	**150 J**	430 U
Acetophenone	460 U	380 U	410 U	450 U	390 U	430 U
Anthracene	460 U	**110 J**	410 U	450 U	**120 J**	430 U
Atrazine	460 U	380 U	410 U	450 U	390 U	430 U
Benzaldehyde	**98 J**	380 U	410 U	450 U	390 U	430 U
Benzo(a)anthracene	460 U	**250 J**	410 U	450 U	**520**	430 U
Benzo(a)pyrene	460 U	**330 J**	410 U	450 U	**490**	430 U
Benzo(b)fluoranthene	460 U	**530**	410 U	**110 J**	**770**	430 U
Benzo(g,h,i)perylene	460 U	**250 J**	410 U	450 U	**290 J**	430 U
Benzo(k)fluoranthene	**110 J**	**500**	410 U	**110 J**	**510**	430 U
Bis(2-Chloroethoxy)Methane	460 U	380 U	410 U	450 U	390 U	430 U
Bis-(2-Chloroethyl)Ether	460 U	380 U	410 U	450 U	390 U	430 U
Bis(2-Ethylhexyl)Phthalate	460 U	380 U	410 U	450 U	**81 J**	**100 J**
Butylbenzylphthalate	460 U	380 U	410 U	450 U	390 U	430 U
Caprolactam	460 U	380 U	410 U	450 U	390 U	430 U
Carbazole	460 UJ	380 UJ	410 UJ	450 UJ	390 UJ	430 UJ
Chrysene	**110 J**	**420**	410 U	**120 J**	**750**	430 U
Dibenzo(a,h)-anthracene	460 U	**110 J**	410 U	450 U	**190 J**	430 U
Dibenzofuran	460 U	380 U	410 U	450 U	390 U	430 U
Diethylphthalate	460 U	380 U	410 U	450 U	390 U	430 U
Dimethylphthalate	460 U	380 U	410 U	450 U	390 U	430 U
Di-n-Butylphthalate	460 U	380 U	410 U	450 U	**180 J**	430 U

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS01 Date: 10/9/2003 Depth: 0 - 2 in	GPS-SS02 10/8/2003 0 - 2 in	GPS-SS03 10/8/2003 0 - 2 in	GPS-SS04 10/8/2003 0 - 2 in	GPS-SS05 10/8/2003 0 - 2 in	GPS-SS06 10/8/2003 0 - 2 in
Di-n-Octylphthalate	460 U	380 U	410 U	450 U	390 U	430 U
Fluoranthene	**170 J**	**520**	410 U	**160 J**	**1100**	430 U
Fluorene	460 U	380 U	410 U	450 U	390 U	430 U
Hexachlorobenzene	460 U	380 U	410 U	450 U	390 U	430 U
Hexachlorobutadiene	460 U	380 U	410 U	450 U	390 U	430 U
Hexachlorocyclo-Pentadiene	460 UJ	380 UJ	410 UJ	450 UJ	390 U	430 U
Hexachloroethane	460 U	380 U	410 U	450 U	390 U	430 U
Indeno(1,2,3-cd)-pyrene	460 U	**370 J**	410 U	450 U	**420**	430 U
Isophorone	460 U	380 U	410 U	450 U	390 U	430 U
Naphthalene	460 U	380 U	410 U	450 U	390 U	430 U
Nitrobenzene	460 U	380 U	410 U	450 U	390 U	430 U
n-Nitroso Diphenylamine	460 U	380 U	410 U	450 U	390 U	430 U
n-Nitroso-Di-n Propylamine	460 U	380 U	410 U	450 U	390 U	430 U
Pentachlorophenol	1200 U	940 U	1000 U	1100 U	980 U	1100 U
Phenanthrene	460 U	**170 J**	410 U	450 U	**530**	430 U
Phenol	460 U	380 U	410 U	450 U	390 U	430 U
Pyrene	**160 J**	**530**	410 U	**140 J**	**1000**	430 U
TCL Pesticides and PCBs (µg/Kg)						
4,4'-DDD	4.6 U	3.8 U	4.1 U	4.5 U	3.9 U	4.3 U
4,4'-DDE	**9.1**	**9.7 JN**	4.1 U	4.5 U	**16**	4.3 U
4,4'-DDT	4.6 U	3.8 U	4.1 U	4.5 U	**36 J**	4.3 U
Aldrin	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Alpha-BHC	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Alpha-Chlordane	2.4 U	1.9 U	2.1 U	2.3 U	**2.4**	2.2 U
Aroclor-1016	46 U	38 U	41 U	45 U	39 U	43 U
Aroclor-1221	93 U	76 U	83 U	91 U	79 U	87 U
Aroclor-1232	46 U	38 U	41 U	45 U	39 U	43 U
Aroclor-1242	46 U	38 U	41 U	45 U	39 U	43 U
Aroclor-1248	46 U	38 U	41 U	45 U	**150**	43 U
Aroclor-1254	46 U	**970**	41 U	45 U	**440**	43 U
Aroclor-1260	46 U	**630**	41 U	45 U	39 U	43 U
Beta-BHC	2.4 U	**3.6 R**	2.1 U	2.3 U	2 U	2.2 U
Delta-BBHC	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Dieldrin	4.6 U	3.8 U	4.1 U	4.5 U	**11 J**	4.3 U
Endosulfan I	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Endosulfan II	4.6 U	3.8 U	4.1 U	4.5 U	3.9 U	4.3 U
Endosulfan Sulfate	4.6 U	3.8 U	4.1 U	4.5 U	3.9 U	4.3 U
Endrin	4.6 U	3.8 U	4.1 U	4.5 U	3.9 U	4.3 U
Endrin Aldehyde	4.6 U	3.8 U	4.1 U	4.5 U	**11**	4.3 U
Endrin Ketone	4.6 U	3.8 U	4.1 U	4.5 U	3.9 U	4.3 U
Gamma-BHC (Lindane)	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Gamma-Chlordane	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Heptachlor	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Heptachlor Epoxide	2.4 U	1.9 U	2.1 U	2.3 U	2 U	2.2 U
Methoxychlor	24 U	19 U	21 U	23 U	**20 J**	22 U
Toxaphene	240 U	190 U	210 U	230 U	200 U	220 U

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS01 Date: 10/9/2003 Depth: 0 - 2 in	GPS-SS02 10/8/2003 0 - 2 in	GPS-SS03 10/8/2003 0 - 2 in	GPS-SS04 10/8/2003 0 - 2 in	GPS-SS05 10/8/2003 0 - 2 in	GPS-SS06 10/8/2003 0 - 2 in
Herbicides (µg/Kg)						
2,4,5-T	--	--	--	--	--	--
2,4,5-TP (SILVEX)	--	--	--	--	--	--
2,4-D	--	--	--	--	--	--
2,4-DB	--	--	--	--	--	--
Dalapon	--	--	--	--	--	--
Dicamba	--	--	--	--	--	--
Dichlorprop	--	--	--	--	--	--
Dinoseb	--	--	--	--	--	--
MCPA	--	--	--	--	--	--
MCPP	--	--	--	--	--	--
TAL Metals and Mercury (mg/Kg)						
Aluminum	8340	7830	8760	8160	3020	9700
Antimony	2 U	1.6 U	1.7 U	1.9 U	101	1.8 U
Arsenic	7.1 J	7.7 J	5.2 J	9.9 J	27.5 J	8.9 J
Barium	75.3	75.8	38.5 B	81.4	204	140
Beryllium	0.35 B	0.51 B	0.27 B	0.3 B	0.32 B	0.45 B
Cadmium	0.44 B	0.11 U	0.12 U	0.13 U	0.12 U	0.13 U
Calcium	6320	18100	2680	13200	1150 B	2190
Chromium	26.1	25.7	9.5	12.2	73.7	23.3
Cobalt	9.5 B	11.8	7.5 B	9.2 B	13.1	9.2 B
Copper	721	85.1	19.4	33.5	774	41.4
Iron	31900	27000	19700	26400	121000	19800
Lead	1230	203	11.7	72	2470	174
Magnesium	4070	4300	5070	7280	804 B	3380
Manganese	701	390	454	622	584	431
Nickel	34	31.4	17.1	24	54.3	17.2
Potassium	677 B	1070 B	506 B	728 B	268 B	816 B
Selenium	0.52 UJ	0.42 UJ	0.45 UJ	0.5 UJ	0.44 U	0.49 U
Silver	0.41 U	0.33 U	0.35 U	0.39 U	7.4	0.38 U
Sodium	151 U	120 U	129 U	143 U	128 U	140 U
Thallium	1.5 B	0.92 U	0.99 U	1.1 U	3.6	1.1 U
Vanadium	149	32.4	10 B	44.3	60.5	18.4
Zinc	271	169	49.8	94.6	636	196
Mercury	0.06 U	0.17 J	0.06 U	0.17 J	7.7	0.06 U
Total Cyanide (mg/Kg)						
Cyanide Tot.	0.18	0.3	0.23	0.3	0.42	0.15 U
Total Petroleum Hydrocarbons (mg/Kg)						
n-Hexane Extractable Material	1500	--	--	--	--	--
Percent Moisture (wt%)						
Percent Moisture	19.7	--	--	--	--	--
Percent Solids (%)						
Percent Solids, 105DegC	70	68	85	72	86	78

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS07 Date: 10/8/2003 Depth: 0 - 2 in	GPS-SS08 10/8/2003 0 - 2 in	GPS-SS09 10/8/2003 0 - 2 in	GPS-SS10 10/9/2003 0 - 2 in	GPS-SS11 10/9/2003 0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)					
1,1,1-Trichloroethane	--	13 U	--	11 U	28 U
1,1,2,2-Tetrachloroethane	--	13 U	--	11 UJ	28 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	13 U	--	11 UJ	**5 J**
1,1,2-Trichloroethane	--	13 U	--	11 U	28 U
1,1-Dichloroethane	--	13 U	--	11 U	28 U
1,1-Dichloroethene	--	13 U	--	11 UJ	28 UJ
1,2,4-Trichlorobenzene	--	13 U	--	11 UJ	28 UJ
1,2-Dibromo-3-Chloropropane	--	13 U	--	11 UJ	28 UJ
1,2-Dibromoethane	--	13 U	--	11 UJ	28 UJ
1,2-Dichlorobenzene	--	13 U	--	11 UJ	28 UJ
1,2-Dichloroethane	--	13 U	--	11 U	28 U
1,2-Dichloropropane	--	13 U	--	11 U	28 U
1,3-Dichlorobenzene	--	13 U	--	11 UJ	28 UJ
1,4-Dichlorobenzene	--	13 U	--	11 UJ	28 UJ
2-Butanone	--	13 U	--	11 U	28 U
2-Hexanone	--	13 U	--	11 UJ	28 UJ
4-Methyl-2-Pentanone	--	13 U	--	11 UJ	28 UJ
Acetone	--	13 U	--	11 U	28 U
Benzene	--	13 U	--	11 U	28 U
Bromodichloromethane	--	13 U	--	11 U	28 U
Bromoform	--	13 U	--	11 U	28 U
Bromomethane	--	13 U	--	11 UJ	28 UJ
Carbon Disulfide	--	13 U	--	11 UJ	28 UJ
Carbon Tetrachloride	--	13 U	--	11 U	28 U
Chlorobenzene	--	13 U	--	11 UJ	28 UJ
Chloroethane	--	13 U	--	11 U	28 U
Chloroform	--	13 U	--	11 U	28 U
Chloromethane	--	13 U	--	11 U	28 U
cis-1,2-Dichloroethene	--	13 U	--	11 U	28 U
cis-1,3-Dichloropropene	--	13 U	--	11 U	28 U
Cyclohexane	--	13 U	--	11 U	28 U
Dibromochloromethane	--	13 UJ	--	11 U	28 U
Dichlorodifluoromethane	--	13 U	--	11 U	28 U
Ethylbenzene	--	13 U	--	11 UJ	28 UJ
Isopropylbenzene	--	13 U	--	11 UJ	28 UJ
Methyl Acetate	--	13 U	--	11 U	28 U
Methyl tert-Butyl Ether	--	13 U	--	11 U	28 U
Methylcyclohexane	--	13 U	--	11 U	28 U
Methylene Chloride	--	13 U	--	11 U	**65**
Styrene	--	13 U	--	11 UJ	28 UJ
Tetrachloroethene	--	13 U	--	11 UJ	28 UJ
Toluene	--	13 U	--	11 UJ	28 UJ
trans-1,2-Dichloroethene	--	13 U	--	11 U	28 U
trans-1,3-Dichloropropene	--	13 U	--	11 U	28 U
Trichloroethene	--	13 U	--	11 U	28 U
Trichlorofluoromethane	--	13 UJ	--	11 U	28 U
Vinyl Chloride	--	13 U	--	11 U	28 U
Xylenes (Total)	--	13 U	--	11 UJ	28 UJ

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS07 Date: 10/8/2003 Depth: 0 - 2 in	GPS-SS08 10/8/2003 0 - 2 in	GPS-SS09 10/8/2003 0 - 2 in	GPS-SS10 10/9/2003 0 - 2 in	GPS-SS11 10/9/2003 0 - 2 in
TCL Semivolatile Organic Compounds (µg/Kg)					
1,1'-Biphenyl	450 U	390 U	400 U	420 U	620 U
2,2'-Oxybis(1- Chloropropane)	450 U	390 U	400 U	420 U	620 U
2,4,5-Trichlorophenol	1100 U	990 U	1000 U	1100 U	1600 U
2,4,6-Trichlorophenol	450 U	390 U	400 U	420 U	620 U
2,4-Dichlorophenol	450 U	390 U	400 U	420 U	620 U
2,4-Dimethylphenol	450 U	390 U	400 U	420 U	620 U
2,4-Dinitrophenol	1100 UJ	990 UJ	1000 UJ	1100 U	1600 U
2,4-Dinitrotoluene	450 U	390 U	400 U	420 U	620 U
2,6-Dinitrotoluene	450 U	390 U	400 U	420 U	620 U
2-Chloronaphthalene	450 U	390 U	400 U	420 U	620 U
2-Chlorophenol	450 U	390 U	400 U	420 U	620 U
2-Methylnaphthalene	450 U	390 U	400 U	420 U	620 U
2-Methylphenol	450 U	390 U	400 U	420 U	620 U
2-Nitroaniline	1100 U	990 U	1000 U	1100 U	1600 U
2-Nitrophenol	450 U	390 U	400 U	420 U	620 U
3,3'-Dichlorobenzidine	450 U	390 U	400 U	420 UJ	620 UJ
3-Nitroaniline	1100 U	990 U	1000 U	1100 UJ	1600 UJ
4,6-Dinitro-2-Methylphenol	1100 U	990 U	1000 U	1100 U	1600 U
4-Bromophenyl-Phenylether	450 U	390 U	400 U	420 U	620 U
4-Chloro-3-Methylphenol	**100 J**	390 U	400 U	420 U	620 U
4-Chloroaniline	450 U	390 U	400 U	420 U	620 U
4-Chlorophenyl-Phenyl Ether	450 U	390 U	400 U	420 U	620 U
4-Methylphenol	450 U	390 U	400 U	420 U	620 U
4-Nitroaniline	1100 U	990 U	1000 U	1100 U	1600 U
4-Nitrophenol	**590 J**	990 UJ	1000 UJ	1100 U	1600 U
Acenaphthene	450 U	390 U	400 U	420 U	620 U
Acenaphthylene	450 U	390 U	400 U	**1100**	620 U
Acetophenone	450 U	390 U	400 U	420 U	620 U
Anthracene	450 U	390 U	400 U	**1000**	620 U
Atrazine	450 U	390 U	400 U	420 U	620 U
Benzaldehyde	450 U	390 U	400 U	420 U	620 U
Benzo(a)anthracene	450 U	**90 J**	400 U	**2700**	**130 J**
Benzo(a)pyrene	450 U	**89 J**	400 U	**2600**	**130 J**
Benzo(b)fluoranthene	450 U	**130 J**	400 U	**4500**	**140 J**
Benzo(g,h,i)perylene	450 U	390 U	400 U	**1600**	620 U
Benzo(k)fluoranthene	450 U	**110 J**	400 U	**2000**	**180 J**
Bis(2-Chloroethoxy)Methane	450 U	390 U	400 U	420 U	620 U
Bis-(2-Chloroethyl)Ether	450 U	390 U	400 U	420 U	620 U
Bis(2-Ethylhexyl)Phthalate	450 U	390 U	400 U	**190 J**	620 U
Butylbenzylphthalate	450 U	390 U	400 U	420 U	620 U
Caprolactam	450 U	390 U	400 U	420 U	620 U
Carbazole	450 UJ	390 UJ	400 UJ	**300 J**	620 UJ
Chrysene	450 U	**150 J**	400 U	**3200**	**140 J**
Dibenzo(a,h)-anthracene	450 U	390 U	400 U	**730**	620 U
Dibenzofuran	450 U	390 U	400 U	420 U	620 U
Diethylphthalate	450 U	390 U	400 U	420 U	620 U
Dimethylphthalate	450 U	390 U	400 U	420 U	620 U
Di-n-Butylphthalate	450 U	390 U	400 U	420 U	620 U

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS07 Date: 10/8/2003 Depth: 0 - 2 in	GPS-SS08 10/8/2003 0 - 2 in	GPS-SS09 10/8/2003 0 - 2 in	GPS-SS10 10/9/2003 0 - 2 in	GPS-SS11 10/9/2003 0 - 2 in
Di-n-Octylphthalate	450 U	390 U	400 U	**390 J**	620 U
Fluoranthene	450 U	**190 J**	400 U	**4400**	**190 J**
Fluorene	450 U	390 U	400 U	420 U	620 U
Hexachlorobenzene	450 U	390 U	400 U	420 U	620 U
Hexachlorobutadiene	450 U	390 U	400 U	420 U	620 U
Hexachlorocyclo-Pentadiene	450 UJ	390 U	400 UJ	420 U	620 U
Hexachloroethane	450 U	390 U	400 U	420 U	620 U
Indeno(1,2,3-cd)-pyrene	450 U	**81 J**	400 U	**2700**	**130 J**
Isophorone	450 U	390 U	400 U	420 U	620 U
Naphthalene	450 U	390 U	400 U	420 U	620 U
Nitrobenzene	450 U	390 U	400 U	420 U	620 U
n-Nitroso Diphenylamine	450 U	390 U	400 U	420 U	620 U
n-Nitroso-Di-n Propylamine	450 U	390 U	400 U	420 U	620 U
Pentachlorophenol	1100 U	990 U	1000 U	1100 U	1600 U
Phenanthrene	450 U	390 U	400 U	**640**	620 U
Phenol	450 U	390 U	400 U	420 U	620 U
Pyrene	450 U	**190 J**	400 U	**4400**	**230 J**
TCL Pesticides and PCBs (µg/Kg)					
4,4'-DDD	4.5 U	3.9 U	4 U	4.2 U	6.2 U
4,4'-DDE	**1 J**	**1.3 J**	4 U	4.2 U	6.2 U
4,4'-DDT	4.5 U	**2.8 J**	4 U	**15 J**	6.2 U
Aldrin	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Alpha-BHC	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Alpha-Chlordane	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Aroclor-1016	45 U	39 U	40 U	42 U	62 U
Aroclor-1221	91 U	80 U	82 U	85 U	130 U
Aroclor-1232	45 U	39 U	40 U	42 U	62 U
Aroclor-1242	45 U	39 U	40 U	42 U	62 U
Aroclor-1248	45 U	39 U	40 U	42 U	62 U
Aroclor-1254	45 U	39 U	40 U	42 U	62 U
Aroclor-1260	45 U	39 U	40 U	42 U	62 U
Beta-BHC	**2.3 J**	2 U	2.1 U	**5.5 R**	3.2 U
Delta-BBHC	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Dieldrin	4.5 U	3.9 U	4 U	4.2 U	6.2 U
Endosulfan I	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Endosulfan II	4.5 U	3.9 U	4 U	4.2 U	6.2 U
Endosulfan Sulfate	4.5 U	3.9 U	4 U	4.2 U	6.2 U
Endrin	4.5 U	3.9 U	4 U	4.2 U	6.2 U
Endrin Aldehyde	4.5 U	3.9 U	4 U	4.2 U	6.2 U
Endrin Ketone	4.5 U	3.9 U	4 U	**47**	6.2 U
Gamma-BHC (Lindane)	2.3 U	2 U	2.1 U	2.2 U	**0.9 J**
Gamma-Chlordane	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Heptachlor	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Heptachlor Epoxide	2.3 U	2 U	2.1 U	2.2 U	3.2 U
Methoxychlor	23 U	20 U	21 U	**49 J**	32 U
Toxaphene	230 U	200 U	210 U	220 U	320 U

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SS07 Date: 10/8/2003 Depth: 0 - 2 in	GPS-SS08 10/8/2003 0 - 2 in	GPS-SS09 10/8/2003 0 - 2 in	GPS-SS10 10/9/2003 0 - 2 in	GPS-SS11 10/9/2003 0 - 2 in
Herbicides (µg/Kg)					
2,4,5-T	--	--	--	22.9 U	--
2,4,5-TP (SILVEX)	--	--	--	22.9 U	--
2,4-D	--	--	--	22.9 U	--
2,4-DB	--	--	--	56.6	--
Dalapon	--	--	--	68.6 U	--
Dicamba	--	--	--	22.9 U	--
Dichlorprop	--	--	--	22.9 U	--
Dinoseb	--	--	--	22.9 U	--
MCPA	--	--	--	6860 U	--
MCPP	--	--	--	6860 U	--
TAL Metals and Mercury (mg/Kg)					
Aluminum	8470	3630	6440	3660	2120
Antimony	1.9 U	13 B	1.8 U	2.2 B	3.1 U
Arsenic	5.2 J	4.5	25 J	12.5	1.9 U
Barium	67.4	99	59.1	65	38 B
Beryllium	0.38 B	0.28 B	0.41 B	0.33 B	0.08 B
Cadmium	0.13 U	12	0.12 U	0.13 U	0.33 B
Calcium	3630	1840	2130	6760	10100
Chromium	10.9	16.9	8.5	12.6	13
Cobalt	8.7 B	5.9 B	6.1 B	7.8 B	3.2 B
Copper	20.9	180	22	49.3	25.2
Iron	17700	15300	22800	15700	11000
Lead	73	612	15.5	111	36.8
Magnesium	4060	1080 B	2660	3100	1450 B
Manganese	497	223	204	337	224
Nickel	21.5	17.6	12.7	19	13.6
Potassium	764 B	266 B	512 B	509 B	582 B
Selenium	0.51 U	0.59 B	0.47 U	0.49 U	1.3 U
Silver	0.4 U	0.37 B	0.37 U	0.39 U	0.46 U
Sodium	146 U	129 U	135 U	142 U	156 U
Thallium	1.1 U	0.99 U	1 U	1.1 U	2.3 U
Vanadium	44.8	28	15	41	34
Zinc	85.7	1630	40.6	144	320
Mercury	0.07 U	0.83	0.06 U	0.07 BJ	0.09 BR
Total Cyanide (mg/Kg)					
Cyanide Tot.	0.16 U	0.3	0.14 U	0.15 U	0.32 U
Total Petroleum Hydrocarbons (mg/Kg)					
n-Hexane Extractable Material	--	--	--	800	1360
Percent Moisture (wt%)					
Percent Moisture	--	--	--	21.9	58.5
Percent Solids (%)					
Percent Solids, 105DegC	75	84	83	78	37

Table D-6-1
Complete Analytical Data Summary for Surface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
GPS = Georgia Pacific Site/NYS Canal Corporation Site.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP01-SB 10/9/2003 10 - 12 ft	GPS-GP02-SB 10/8/2003 7 - 9 ft	GPS-GP03-SB 10/8/2003 9.5 - 12 ft	GPS-GP03-SB/D 10/8/2003 9.5 - 12 ft	GPS-GP04-SB 10/8/2003 22 - 24 ft	GPS-GP05-SB1 10/8/2003 12 - 16 ft	GPS-GP05-SB2 10/8/2003 22 - 24 ft	GPS-GP06-SB 10/9/2003 10 - 12 ft	GPS-GP07-SB 10/9/2003 9 - 11 ft
TCL Volatile Organic Compounds (µg/Kg)										
1,1,1-Trichloroethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,1,2,2-Tetrachloroethane		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		**7 J**	10 U	10 U	12 U	10 U	10 U	10 U	10 UJ	**1 J**
1,1,2-Trichloroethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,1-Dichloroethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,1-Dichloroethene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 UJ	11 U
1,2,4-Trichlorobenzene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,2-Dibromo-3-Chloropropane		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,2-Dibromoethane		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,2-Dichlorobenzene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,2-Dichloroethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,2-Dichloropropane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,3-Dichlorobenzene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
1,4-Dichlorobenzene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
2-Butanone		**86 J**	10 U	10 U	12 U	10 U	10 U	10 U	10 U	**9 J**
2-Hexanone		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
4-Methyl-2-Pentanone		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Acetone		**520 J**	20 U	**25 J**	12 UJ	19 UJ	10 UJ	47 UJ	10 U	**63**
Benzene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Bromodichloromethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Bromoform		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Bromomethane		23 U	10 U	10 U	12 UJ	10 U	10 U	10 UJ	10 UJ	11 U
Carbon Disulfide		23 UJ	10 UJ	**0.8 J**	12 UJ	**0.4 J**	10 U	**2 J**	10 UJ	**1 J**
Carbon Tetrachloride		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Chlorobenzene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Chloroethane		23 U	10 U	10 U	12 UJ	10 U	10 U	10 UJ	10 U	11 U
Chloroform		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Chloromethane		23 U	10 U	10 U	12 UJ	10 U	10 U	10 UJ	10 U	11 U
cis-1,2-Dichloroethene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
cis-1,3-Dichloropropene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Cyclohexane		23 U	10 U	**0.5 J**	**0.6 J**	**1 J**	10 U	10 U	10 U	11 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP01-SB 10/9/2003 10 - 12 ft	GPS-GP02-SB 10/8/2003 7 - 9 ft	GPS-GP03-SB 10/8/2003 9.5 - 12 ft	GPS-GP03-SB/D 10/8/2003 9.5 - 12 ft	GPS-GP04-SB 10/8/2003 22 - 24 ft	GPS-GP05-SB1 10/8/2003 12 - 16 ft	GPS-GP05-SB2 10/8/2003 22 - 24 ft	GPS-GP06-SB 10/9/2003 10 - 12 ft	GPS-GP07-SB 10/9/2003 9 - 11 ft
Dibromochloromethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Dichlorodifluoromethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Ethylbenzene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Isopropylbenzene		23 UJ	10 UJ	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Methyl Acetate		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Methyl tert-Butyl Ether		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Methylcyclohexane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Methylene Chloride		41 UJ	10 U	10 U	12 U	10 U	10 U	10 U	15 U	11 U
Styrene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Tetrachloroethene		23 UJ	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Toluene		**46 J**	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
trans-1,2-Dichloroethene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
trans-1,3-Dichloropropene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Trichloroethene		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Trichlorofluoromethane		23 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
Vinyl Chloride		23 U	10 U	10 U	12 UJ	10 U	10 U	10 UJ	10 U	11 U
Xylenes (Total)		**4 J**	10 U	10 U	12 U	10 U	10 U	10 U	10 U	11 U
TCL Semivolatile Organic Compounds (µg/Kg)										
1,1'-Biphenyl		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2,2'-Oxybis(1- Chloropropane)		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2,4,5-Trichlorophenol		1300 U	1200 U	1000 U	1200 U	1100 U	970 U	1100 U	1100 U	1000 U
2,4,6-Trichlorophenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2,4-Dichlorophenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2,4-Dimethylphenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2,4-Dinitrophenol		1300 U	1200 U	1000 UJ	1200 UJ	1100 UJ	970 UJ	1100 UJ	1100 U	1000 U
2,4-Dinitrotoluene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2,6-Dinitrotoluene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2-Chloronaphthalene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2-Chlorophenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2-Methylnaphthalene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2-Methylphenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
2-Nitroaniline		1300 U	1200 U	1000 U	1200 U	1100 U	970 U	1100 U	1100 U	1000 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID:	GPS-GP01-SB	GPS-GP02-SB	GPS-GP03-SB	GPS-GP03-SB/D	GPS-GP04-SB	GPS-GP05-SB1	GPS-GP05-SB2	GPS-GP06-SB	GPS-GP07-SB
	Date:	10/9/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/9/2003	10/9/2003
	Depth:	10 - 12 ft	7 - 9 ft	9.5 - 12 ft	9.5 - 12 ft	22 - 24 ft	12 - 16 ft	22 - 24 ft	10 - 12 ft	9 - 11 ft
2-Nitrophenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
3,3'-Dichlorobenzidine		520 UJ	490 UJ	400 U	490 U	440 U	380 U	450 U	420 UJ	400 UJ
3-Nitroaniline		1300 UJ	1200 UJ	1000 U	1200 U	1100 U	970 U	1100 U	1100 UJ	1000 UJ
4,6-Dinitro-2-Methylphenol		1300 U	1200 U	1000 U	1200 U	1100 U	970 U	1100 U	1100 U	1000 U
4-Bromophenyl-Phenylether		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
4-Chloro-3-Methylphenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
4-Chloroaniline		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
4-Chlorophenyl-Phenyl Ether		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
4-Methylphenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
4-Nitroaniline		1300 U	1200 U	1000 U	1200 U	1100 U	970 U	1100 U	1100 U	1000 UJ
4-Nitrophenol		1300 U	1200 U	1000 UJ	1200 UJ	1100 UJ	970 UJ	1100 UJ	1100 U	1000 U
Acenaphthene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Acenaphthylene		520 U	490 U	400 U	490 U	440 U	**310 J**	450 U	420 U	400 U
Acetophenone		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Anthracene		520 U	490 U	400 U	490 U	440 U	**280 J**	450 U	420 U	400 U
Atrazine		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Benzaldehyde		520 U	490 U	400 U	490 U	440 U	380 U	**230 J**	420 U	400 U
Benzo(a)anthracene		520 U	490 U	400 U	490 U	440 U	**690**	450 U	420 U	400 U
Benzo(a)pyrene		520 U	490 U	400 U	490 U	440 U	**940**	450 U	420 U	400 U
Benzo(b)fluoranthene		520 U	490 U	400 U	490 U	440 U	**1100**	450 U	420 U	400 U
Benzo(g,h,i)perylene		520 U	490 U	400 U	490 U	440 U	**540**	450 U	420 U	400 U
Benzo(k)fluoranthene		520 U	490 U	400 U	490 U	440 U	**990**	450 U	420 U	400 U
Bis(2-Chloroethoxy)Methane		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Bis-(2-Chloroethyl)Ether		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Bis(2-Ethylhexyl)Phthalate		520 U	**1100**	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Butylbenzylphthalate		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Caprolactam		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Carbazole		520 UJ	490 UJ	400 UJ	490 UJ	440 UJ	**140 J**	450 UJ	420 UJ	400 UJ
Chrysene		520 U	490 U	400 U	490 U	440 U	**980**	450 U	420 U	400 U
Dibenzo(a,h)-anthracene		520 U	490 U	400 U	490 U	440 U	**290 J**	450 U	420 U	400 U
Dibenzofuran		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Diethylphthalate		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID:	GPS-GP01-SB	GPS-GP02-SB	GPS-GP03-SB	GPS-GP03-SB/D	GPS-GP04-SB	GPS-GP05-SB1	GPS-GP05-SB2	GPS-GP06-SB	GPS-GP07-SB
	Date:	10/9/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/9/2003	10/9/2003
	Depth:	10 - 12 ft	7 - 9 ft	9.5 - 12 ft	9.5 - 12 ft	22 - 24 ft	12 - 16 ft	22 - 24 ft	10 - 12 ft	9 - 11 ft
Dimethylphthalate		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Di-n-Butylphthalate		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Di-n-Octylphthalate		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Fluoranthene		520 U	490 U	400 U	490 U	440 U	**1700**	450 U	420 U	400 U
Fluorene		520 U	490 U	400 U	490 U	440 U	**84 J**	450 U	420 U	400 U
Hexachlorobenzene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Hexachlorobutadiene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Hexachlorocyclo-Pentadiene		520 U	490 U	400 U	490 UJ	440 U	380 U	450 UJ	420 U	400 UJ
Hexachloroethane		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Indeno(1,2,3-cd)-pyrene		520 U	490 U	400 U	490 U	440 U	**860**	450 U	420 U	400 U
Isophorone		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Naphthalene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Nitrobenzene		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
n-Nitroso Diphenylamine		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
n-Nitroso-Di-n Propylamine		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Pentachlorophenol		1300 U	1200 U	1000 U	1200 U	1100 U	970 U	1100 U	1100 U	1000 U
Phenanthrene		520 U	490 U	400 U	490 U	440 U	**1000**	450 U	420 U	400 U
Phenol		520 U	490 U	400 U	490 U	440 U	380 U	450 U	420 U	400 U
Pyrene		520 U	490 U	400 U	490 U	440 U	**1300**	450 U	420 U	400 U
TCL Pesticides and PCBs (µg/Kg)										
4,4'-DDD		**1.5 J**	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
4,4'-DDE		5.2 U	4.9 U	4 U	4.9 U	4.4 U	**1.2 J**	4.5 U	4.2 U	4 U
4,4'-DDT		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	**1.1 J**	4 U
Aldrin		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Alpha-BHC		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Alpha-Chlordane		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Aroclor-1016		52 U	49 U	40 U	49 U	44 U	38 U	45 U	42 U	40 U
Aroclor-1221		100 U	100 U	82 U	99 U	89 U	78 U	92 U	86 U	82 U
Aroclor-1232		52 U	49 U	40 U	49 U	44 U	38 U	45 U	42 U	40 U
Aroclor-1242		52 U	49 U	40 U	49 U	44 U	38 U	45 U	42 U	40 U
Aroclor-1248		52 U	49 U	40 U	49 U	44 U	38 U	45 U	42 U	40 U
Aroclor-1254		52 U	49 U	40 U	49 U	44 U	38 U	45 U	42 U	40 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP01-SB 10/9/2003 10 - 12 ft	GPS-GP02-SB 10/8/2003 7 - 9 ft	GPS-GP03-SB 10/8/2003 9.5 - 12 ft	GPS-GP03-SB/D 10/8/2003 9.5 - 12 ft	GPS-GP04-SB 10/8/2003 22 - 24 ft	GPS-GP05-SB1 10/8/2003 12 - 16 ft	GPS-GP05-SB2 10/8/2003 22 - 24 ft	GPS-GP06-SB 10/9/2003 10 - 12 ft	GPS-GP07-SB 10/9/2003 9 - 11 ft
Aroclor-1260		52 U	49 U	40 U	49 U	44 U	38 U	45 U	42 U	40 U
Beta-BHC		2.7 U	**6.7**	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Delta-BBHC		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Dieldrin		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
Endosulfan I		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Endosulfan II		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
Endosulfan Sulfate		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
Endrin		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
Endrin Aldehyde		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
Endrin Ketone		5.2 U	4.9 U	4 U	4.9 U	4.4 U	3.8 U	4.5 U	4.2 U	4 U
Gamma-BHC (Lindane)		2.7 U	**1.5 J**	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Gamma-Chlordane		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Heptachlor		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Heptachlor Epoxide		2.7 U	2.5 U	2.1 U	2.5 U	2.3 U	2 U	2.3 U	2.2 U	2.1 U
Methoxychlor		27 U	25 U	21 U	25 U	23 U	**26 JN**	23 U	22 U	21 U
Toxaphene		270 U	250 U	210 U	250 U	230 U	200 U	230 U	220 U	210 U
TAL Metals and Mercury (mg/Kg)										
Aluminum		**2620**	**4370**	**8710**	**8660**	**6860**	**9440**	**4760**	**7550**	**6390**
Antimony		2.8 U	2.3 U	1.8 U	1.8 U	1.9 U	2.1 U	2.1 U	2.5 U	2.3 U
Arsenic		1.8 U	1.5 U	**8.2 J**	**13.2**	**4**	**3**	**1.5 B**	**5.7**	1.4 U
Barium		**24.6 B**	**35.4 B**	**81.9**	**95.3**	**70.3**	**144**	**46.1 B**	**31.9 B**	**24.9 B**
Beryllium		**0.12 B**	**0.22 B**	**0.54 B**	**0.57 B**	**0.33 B**	**0.4 B**	**0.32 B**	**0.46 B**	**0.21 B**
Cadmium		0.21 U	0.18 U	0.12 U	0.12 U	0.13 U	0.15 U	0.14 U	0.19 U	0.17 U
Calcium		**1990**	**2340**	**2990**	**2580**	**39800**	**12800**	**2820**	**1090 B**	**1400**
Chromium		**4.4**	**6.6**	**11.2**	**14**	**12.5**	**41.7**	**6.4 B**	**9.2**	**7.9**
Cobalt		**2.6 B**	**4.5 B**	**11.2 B**	**14.3**	**10.3 B**	**8.1 B**	**5.4**	**10.3 B**	**6.6 B**
Copper		**4 B**	**11.8**	**22**	**20.7**	**24.6**	**128**	**8.5**	**27.2**	**11**
Iron		**5110**	**12200**	**27800**	**28600**	**18500**	**12200**	**9210**	**22400**	**12300**
Lead		**6**	**18.1**	**12.8**	**11.7**	**12.5**	**229**	**5.9**	**11.2**	**7.2**
Magnesium		**1120 B**	**1440**	**4050**	**3660**	**15400**	**7200**	**2260**	**3230**	**2820**
Manganese		**81.3**	**74.3**	**2360**	**1880**	**757**	**333**	**114**	**231**	**100**
Nickel		**3.7 B**	**6 B**	**21.1**	**24.6**	**17.8**	**15.2**	**9.1 B**	**14.6**	**11.4**

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID:	GPS-GP01-SB	GPS-GP02-SB	GPS-GP03-SB	GPS-GP03-SB/D	GPS-GP04-SB	GPS-GP05-SB1	GPS-GP05-SB2	GPS-GP06-SB	GPS-GP07-SB
	Date:	10/9/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/9/2003	10/9/2003
	Depth:	10 - 12 ft	7 - 9 ft	9.5 - 12 ft	9.5 - 12 ft	22 - 24 ft	12 - 16 ft	22 - 24 ft	10 - 12 ft	9 - 11 ft
Potassium		**238 B**	**302 B**	**517 B**	**576 B**	**1090 B**	**837 B**	**383 B**	**605 B**	**392 B**
Selenium		1.2 U	0.96 U	0.46 U	0.47 U	**0.61 B**	0.56 U	0.55 U	1 U	0.95 U
Silver		0.42 U	0.35 U	0.37 U	0.37 U	0.4 U	**3.4**	0.43 U	0.37 U	0.35 U
Sodium		142 U	119 U	134 U	136 U	145 U	**192 B**	158 U	126 U	117 U
Thallium		2.1 U	1.7 U	1 U	1 U	1.1 U	1.2 U	1.2 U	1.8 U	1.7 U
Vanadium		**8 B**	**15.6**	**16.8**	**17.4**	**10.8 B**	**19.9**	**11.1 B**	**11.4 B**	**9.7 B**
Zinc		**26.9**	**44.5**	**52.9**	**55.1**	**47.7**	**244**	**37.4**	**49.3**	**36.5**
Mercury		**0.27 R**	**0.07 BR**	0.06 U	0.06 U	0.06 U	**1.1**	0.07 U	0.06 U	0.06 U
Total Cyanide (mg/Kg)										
Cyanide Tot.		0.29 U	**0.31**	0.15 U	0.15 U	0.16 U	**0.21**	0.15 U	0.15 U	0.15 U
Percent Solids (%)										
Percent Solids, 105DegC		**41**	**77**	**80**	**78**	**76**	**80**	**80**	**79**	**82**

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP08-SB / 10/8/2003 / 5.3 - 7.3 ft
TCL Volatile Organic Compounds (µg/Kg)		
1,1,1-Trichloroethane		10 U
1,1,2,2-Tetrachloroethane		10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U
1,1,2-Trichloroethane		10 U
1,1-Dichloroethane		10 U
1,1-Dichloroethene		10 U
1,2,4-Trichlorobenzene		10 U
1,2-Dibromo-3-Chloropropane		10 U
1,2-Dibromoethane		10 U
1,2-Dichlorobenzene		10 U
1,2-Dichloroethane		10 U
1,2-Dichloropropane		10 U
1,3-Dichlorobenzene		10 U
1,4-Dichlorobenzene		10 U
2-Butanone		10 U
2-Hexanone		10 U
4-Methyl-2-Pentanone		10 U
Acetone		10 UJ
Benzene		10 U
Bromodichloromethane		10 U
Bromoform		10 U
Bromomethane		10 UJ
Carbon Disulfide		10 UJ
Carbon Tetrachloride		10 U
Chlorobenzene		10 U
Chloroethane		10 UJ
Chloroform		10 U
Chloromethane		10 UJ
cis-1,2-Dichloroethene		10 U
cis-1,3-Dichloropropene		10 U
Cyclohexane		10 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-GP08-SB Date: 10/8/2003 Depth: 5.3 - 7.3 ft
Dibromochloromethane	10 U
Dichlorodifluoromethane	10 U
Ethylbenzene	10 U
Isopropylbenzene	10 U
Methyl Acetate	10 U
Methyl tert-Butyl Ether	10 U
Methylcyclohexane	10 U
Methylene Chloride	10 U
Styrene	10 U
Tetrachloroethene	10 U
Toluene	10 U
trans-1,2-Dichloroethene	10 U
trans-1,3-Dichloropropene	10 U
Trichloroethene	10 U
Trichlorofluoromethane	10 U
Vinyl Chloride	10 UJ
Xylenes (Total)	10 U
TCL Semivolatile Organic Compounds (µg/Kg)	
1,1'-Biphenyl	400 U
2,2'-Oxybis(1- Chloropropane)	400 U
2,4,5-Trichlorophenol	1000 U
2,4,6-Trichlorophenol	400 U
2,4-Dichlorophenol	400 U
2,4-Dimethylphenol	400 U
2,4-Dinitrophenol	1000 UJ
2,4-Dinitrotoluene	400 U
2,6-Dinitrotoluene	400 U
2-Chloronaphthalene	400 U
2-Chlorophenol	400 U
2-Methylnaphthalene	400 U
2-Methylphenol	400 U
2-Nitroaniline	1000 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP08-SB / 10/8/2003 / 5.3 - 7.3 ft
2-Nitrophenol		400 U
3,3'-Dichlorobenzidine		400 U
3-Nitroaniline		1000 U
4,6-Dinitro-2-Methylphenol		1000 U
4-Bromophenyl-Phenylether		400 U
4-Chloro-3-Methylphenol		400 U
4-Chloroaniline		400 U
4-Chlorophenyl-Phenyl Ether		400 U
4-Methylphenol		400 U
4-Nitroaniline		1000 U
4-Nitrophenol		1000 UJ
Acenaphthene		400 U
Acenaphthylene		400 U
Acetophenone		400 U
Anthracene		400 U
Atrazine		400 U
Benzaldehyde		400 U
Benzo(a)anthracene		400 U
Benzo(a)pyrene		400 U
Benzo(b)fluoranthene		400 U
Benzo(g,h,i)perylene		400 U
Benzo(k)fluoranthene		400 U
Bis(2-Chloroethoxy)Methane		400 U
Bis-(2-Chloroethyl)Ether		400 U
Bis(2-Ethylhexyl)Phthalate		400 U
Butylbenzylphthalate		400 U
Caprolactam		400 U
Carbazole		400 UJ
Chrysene		400 U
Dibenzo(a,h)-anthracene		400 U
Dibenzofuran		400 U
Diethylphthalate		400 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP08-SB / 10/8/2003 / 5.3 - 7.3 ft
Dimethylphthalate		400 U
Di-n-Butylphthalate		400 U
Di-n-Octylphthalate		400 U
Fluoranthene		400 U
Fluorene		400 U
Hexachlorobenzene		400 U
Hexachlorobutadiene		400 U
Hexachlorocyclo-Pentadiene		400 U
Hexachloroethane		400 U
Indeno(1,2,3-cd)-pyrene		400 U
Isophorone		400 U
Naphthalene		400 U
Nitrobenzene		400 U
n-Nitroso Diphenylamine		400 U
n-Nitroso-Di-n Propylamine		400 U
Pentachlorophenol		1000 U
Phenanthrene		400 U
Phenol		400 U
Pyrene		400 U
TCL Pesticides and PCBs (µg/Kg)		
4,4'-DDD		4 U
4,4'-DDE		4 U
4,4'-DDT		4 U
Aldrin		2.1 U
Alpha-BHC		2.1 U
Alpha-Chlordane		2.1 U
Aroclor-1016		40 U
Aroclor-1221		82 U
Aroclor-1232		40 U
Aroclor-1242		40 U
Aroclor-1248		40 U
Aroclor-1254		40 U

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-GP08-SB Date: 10/8/2003 Depth: 5.3 - 7.3 ft
Aroclor-1260	40 U
Beta-BHC	2.1 U
Delta-BBHC	2.1 U
Dieldrin	4 U
Endosulfan I	2.1 U
Endosulfan II	4 U
Endosulfan Sulfate	4 U
Endrin	4 U
Endrin Aldehyde	4 U
Endrin Ketone	4 U
Gamma-BHC (Lindane)	2.1 U
Gamma-Chlordane	2.1 U
Heptachlor	2.1 U
Heptachlor Epoxide	2.1 U
Methoxychlor	21 U
Toxaphene	210 U
TAL Metals and Mercury (mg/Kg)	
Aluminum	**6900**
Antimony	1.7 U
Arsenic	**6.4**
Barium	**30 B**
Beryllium	**0.26 B**
Cadmium	0.12 U
Calcium	**1370**
Chromium	**10.1**
Cobalt	**5.2 B**
Copper	**14.7**
Iron	**14600**
Lead	**7.8**
Magnesium	**3350**
Manganese	**206**
Nickel	**14.5**

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date: / Depth:	GPS-GP08-SB / 10/8/2003 / 5.3 - 7.3 ft
Potassium		**627 B**
Selenium		0.44 U
Silver		0.35 U
Sodium		128 U
Thallium		0.98 U
Vanadium		**10.1 B**
Zinc		**39.8**
Mercury		0.05 U
Total Cyanide (mg/Kg)		
Cyanide Tot.		0.14 U
Percent Solids (%)		
Percent Solids, 105DegC		**84**

Table D-6-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Georgia Pacific/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
ft = Feet.
GPS = Georgia Pacific Site/NYS Canal Corporation Site.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-6-3
Complete Analytical Data Summary for Surface Water Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	GPS-SW02 10/9/2003	GPS-SW03 10/9/2003	GPS-SW03/D 10/9/2003	GPS-SW04 10/9/2003	GPS-SW05 10/9/2003
TCL Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane		10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
2-Butanone		10 U	10 U	10 U	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U	10 U
Acetone		10 U	10 U	10 U	10 U	10 U
Benzene		10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U
Chloroform		10 U	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U	10 U
Ethylbenzene		10 U	10 U	10 U	10 U	10 U
Isopropylbenzene		10 U	10 U	10 U	10 U	10 U
Methyl Acetate		10 U	10 U	10 U	10 U	10 U
Methyl tert-Butyl Ether		10 U	10 U	10 U	10 U	10 U
Methylcyclohexane		10 U	10 U	10 U	10 U	10 U
Methylene Chloride		10 U	10 U	10 U	10 U	10 U
Styrene		10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		10 U	10 U	10 U	10 U	10 U
Toluene		10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U
Trichloroethene		10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane		10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U
Xylenes (Total)		10 U	10 U	10 U	10 U	10 U

Table D-6-3
Complete Analytical Data Summary for Surface Water Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	GPS-SW02 10/9/2003	GPS-SW03 10/9/2003	GPS-SW03/D 10/9/2003	GPS-SW04 10/9/2003	GPS-SW05 10/9/2003
TCL Semivolatile Organic Compounds (µg/L)						
1,1'-Biphenyl		10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol		25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol		10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U	10 U	10 U
2-Chlorophenol		10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U	10 U	10 U
2-Methylphenol		10 U	10 U	10 U	10 U	10 U
2-Nitroaniline		25 U	25 U	25 U	25 U	25 U
2-Nitrophenol		10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine		10 U	10 UJ	10 UJ	10 U	10 U
3-Nitroaniline		25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol		25 U	25 U	25 U	25 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U	10 U	10 U
4-Nitroaniline		25 U	25 U	25 U	25 U	25 U
4-Nitrophenol		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
Acenaphthene		10 U	10 U	10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U	10 U	10 U
Anthracene		10 U	10 U	10 U	10 U	10 U
Atrazine		10 U	10 U	10 U	10 U	10 U
Benzaldehyde		10 U	10 U	10 U	**3 J**	10 U
Benzo(a)anthracene		10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(k)fluoranthene		10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U	10 U	10 U
Caprolactam		10 U	10 U	10 U	**96**	**39**
Carbazole		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Chrysene		10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U	10 U	10 U
Dimethylphthalate		10 U	10 U	10 U	10 U	10 U
Di-n-Butylphthalate		10 U	10 U	10 U	10 U	10 U
Di-n-Octylphthalate		10 U	10 U	10 U	10 U	10 U

Table D-6-3
Complete Analytical Data Summary for Surface Water Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	GPS-SW02 10/9/2003	GPS-SW03 10/9/2003	GPS-SW03/D 10/9/2003	GPS-SW04 10/9/2003	GPS-SW05 10/9/2003
Fluoranthene		10 U	10 U	10 U	10 U	10 U
Fluorene		10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene		10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene		10 U	10 U	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Hexachloroethane		10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene		10 U	10 U	10 U	10 U	10 U
Isophorone		10 U	10 U	10 U	10 U	10 U
Naphthalene		10 U	10 U	10 U	10 U	10 U
Nitrobenzene		10 U	10 U	10 U	10 U	10 U
n-Nitroso Diphenylamine		10 U	10 U	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine		10 U	10 U	10 U	10 U	10 U
Pentachlorophenol		25 U	25 U	25 U	25 U	25 U
Phenanthrene		10 U	10 U	10 U	10 U	10 U
Phenol		10 U	10 U	10 U	10 U	10 U
Pyrene		10 U	10 U	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)						
4,4'-DDD		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aldrin		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-Chlordane		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016		1 U	1 U	1 U	1 U	1 U
Aroclor-1221		2 U	2 U	2 U	2 U	2 U
Aroclor-1232		1 U	1 U	1 U	1 U	1 U
Aroclor-1242		1 U	1 U	1 U	**1.1 J**	1 U
Aroclor-1248		1 U	1 U	1 U	1 U	1 U
Aroclor-1254		1 U	1 U	1 U	1 U	1 U
Aroclor-1260		1 U	1 U	1 U	1 U	1 U
Beta-BHC		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BBHC		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Ketone		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-Chlordane		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene		5 U	5 U	5 U	5 U	5 U
TAL Metals and Mercury (µg/L)						
Aluminum		**48.3 B**	**216**	**256**	**3750**	**3560**
Antimony		9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
Arsenic		5.8 U	5.8 U	5.8 U	5.8 U	**16.4**
Barium		**33.7 B**	**15 B**	**15.7 B**	**232**	**216**

Table D-6-3
Complete Analytical Data Summary for Surface Water Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	GPS-SW02 10/9/2003	GPS-SW03 10/9/2003	GPS-SW03/D 10/9/2003	GPS-SW04 10/9/2003	GPS-SW05 10/9/2003
Beryllium	0.1 U	0.1 U	0.1 U	**0.28 B**	**0.27 B**
Cadmium	0.7 U	0.7 U	0.7 U	**3.9 B**	**4 B**
Calcium	**98000**	**18100**	**18100**	**121000**	**86500**
Chromium	1 U	1 U	**12.8**	**24.8**	**45.1**
Cobalt	1.3 U	1.3 U	1.3 U	**2.4 B**	**5.1 B**
Copper	**1 B**	**3.7 B**	**4.1 B**	**24.1 B**	**36.1**
Iron	**1190**	**597**	**886**	**14500**	**38400**
Lead	2.2 U	2.2 U	2.2 U	**79.7**	**316**
Magnesium	**27600**	**5440**	**5430**	**18800**	**17900**
Manganese	**280 J**	**54.2 J**	**65.2 J**	**608 J**	**819 J**
Nickel	2.3 U	**2.3 B**	**9.8 B**	**8 B**	**18.4 B**
Potassium	**111 B**	**1690 B**	**1730 B**	**10100**	**6790**
Selenium	3.8 U	3.8 U	3.8 U	**13.2**	**84.6**
Silver	1.4 UJ	1.4 UJ	1.4 UJ	1.4 UJ	1.4 UJ
Sodium	**2820 B**	**6210**	**6130**	**16600**	**58200**
Thallium	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Vanadium	0.9 U	**3 B**	**3 B**	**55.7**	**23.6 B**
Zinc	**25.6 J**	**39 J**	**34.5 J**	**185 J**	**361 J**
Mercury	0.1 U	0.1 U	0.1 U	**0.25**	**0.31**
Total Cyanide (µg/L)					
Cyanide Tot.	5 U	5 U	5 U	5 U	5 U
Anions (mg/L)					
Bromide	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Chloride	**1.46**	**9.69**	**9.56**	**27.1**	**89.2**
Fluoride	**0.176**	**0.083 J**	**0.107**	**0.0973 J**	**0.103**
Nitrate-N	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Nitrite-N	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Phosphate	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Sulfate	**6.19**	**17.1**	**16.8**	**37.5**	**21.1**
Hardness (mg/L)					
Hardness (As CaCO3)	**500**	**145**	**165**	**480**	**400**

Table D-6-4
Complete Analytical Data Summary for Sediment Samples
from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID:	GPS-SE01	GPS-SE02	GPS-SE03	GPS-SE04	GPS-SE05
	Date:	10/9/2003	10/9/2003	10/9/2003	10/9/2003	10/9/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)						
1,1,1-Trichloroethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,1,2,2-Tetrachloroethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane		14 U	**3 J**	**3 J**	36 UJ	8500 UJ
1,1,2-Trichloroethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,1-Dichloroethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,1-Dichloroethene		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,2,4-Trichlorobenzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,2-Dibromo-3-Chloropropane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,2-Dibromoethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,2-Dichlorobenzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,2-Dichloroethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,2-Dichloropropane		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,3-Dichlorobenzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
1,4-Dichlorobenzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
2-Butanone		14 U	15 U	38 UJ	36 UJ	8500 UJ
2-Hexanone		14 U	15 U	38 UJ	36 UJ	8500 UJ
4-Methyl-2-Pentanone		14 U	15 U	38 UJ	36 UJ	8500 UJ
Acetone		14 U	15 U	38 UJ	36 UJ	8500 UJ
Benzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Bromodichloromethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Bromoform		14 U	15 U	38 UJ	36 UJ	8500 UJ
Bromomethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Carbon Disulfide		14 UJ	15 UJ	38 UJ	**3 J**	8500 UJ
Carbon Tetrachloride		14 U	15 U	38 UJ	36 UJ	8500 UJ
Chlorobenzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Chloroethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Chloroform		14 U	15 U	38 UJ	36 UJ	8500 UJ
Chloromethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
cis-1,2-Dichloroethene		14 U	15 U	38 UJ	36 UJ	8500 UJ
cis-1,3-Dichloropropene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Cyclohexane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Dibromochloromethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Dichlorodifluoromethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Ethylbenzene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Isopropylbenzene		14 UJ	15 U	38 UJ	36 UJ	8500 UJ
Methyl Acetate		14 U	15 U	38 UJ	**10 J**	**15000 J**
Methyl tert-Butyl Ether		14 U	15 U	38 UJ	36 UJ	8500 UJ
Methylcyclohexane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Methylene Chloride		14 U	15 U	38 UJ	36 UJ	8500 UJ
Styrene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Tetrachloroethene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Toluene		14 U	15 U	38 UJ	36 UJ	8500 UJ
trans-1,2-Dichloroethene		14 U	15 U	38 UJ	36 UJ	8500 UJ
trans-1,3-Dichloropropene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Trichloroethene		14 U	15 U	38 UJ	36 UJ	8500 UJ
Trichlorofluoromethane		14 U	15 U	38 UJ	36 UJ	8500 UJ
Vinyl Chloride		14 U	15 U	38 UJ	36 UJ	8500 UJ
Xylenes (Total)		14 U	15 U	38 UJ	36 UJ	8500 UJ

Table D-6-4
Complete Analytical Data Summary for Sediment Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SE01 Date: 10/9/2003 Depth: 0 - 2 in	GPS-SE02 10/9/2003 0 - 2 in	GPS-SE03 10/9/2003 0 - 2 in	GPS-SE04 10/9/2003 0 - 2 in	GPS-SE05 10/9/2003 0 - 2 in
TCL Semivolatile Organic Compounds (µg/Kg)					
1,1'-Biphenyl	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2,2'-Oxybis(1- Chloropropane)	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2,4,5-Trichlorophenol	1300 U	1300 U	2800 UJ	2600 UJ	3800 UJ
2,4,6-Trichlorophenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2,4-Dichlorophenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2,4-Dimethylphenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2,4-Dinitrophenol	1300 UJ	1300 UJ	2800 UJ	2600 UJ	3800 UJ
2,4-Dinitrotoluene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2,6-Dinitrotoluene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2-Chloronaphthalene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2-Chlorophenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2-Methylnaphthalene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2-Methylphenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
2-Nitroaniline	1300 U	1300 U	2800 UJ	2600 UJ	3800 UJ
2-Nitrophenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
3,3'-Dichlorobenzidine	500 UJ	510 UJ	1100 UJ	1000 UJ	1500 UJ
3-Nitroaniline	1300 U	1300 U	2800 UJ	2600 UJ	3800 UJ
4,6-Dinitro-2-Methylphenol	1300 U	1300 U	2800 UJ	2600 UJ	3800 UJ
4-Bromophenyl-Phenylether	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
4-Chloro-3-Methylphenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
4-Chloroaniline	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
4-Chlorophenyl-Phenyl Ether	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
4-Methylphenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
4-Nitroaniline	1300 U	1300 U	2800 UJ	2600 UJ	3800 UJ
4-Nitrophenol	1300 UJ	1300 UJ	2800 UJ	2600 UJ	3800 UJ
Acenaphthene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Acenaphthylene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Acetophenone	500 U	510 U	1100 UJ	**230 J**	1500 UJ
Anthracene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Atrazine	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Benzaldehyde	500 U	510 U	1100 UJ	1000 UJ	**330 J**
Benzo(a)anthracene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Benzo(a)pyrene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Benzo(b)fluoranthene	500 U	510 U	1100 UJ	1000 UJ	**310 J**
Benzo(g,h,i)perylene	500 UJ	510 UJ	1100 UJ	1000 UJ	1500 UJ
Benzo(k)fluoranthene	500 U	510 U	1100 UJ	1000 UJ	**340 J**
Bis(2-Chloroethoxy)Methane	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Bis-(2-Chloroethyl)Ether	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Bis(2-Ethylhexyl)Phthalate	500 U	510 U	1100 UJ	1000 UJ	**980 J**
Butylbenzylphthalate	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Caprolactam	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Carbazole	500 UJ	510 UJ	1100 UJ	1000 UJ	1500 UJ
Chrysene	500 U	510 U	1100 UJ	1000 UJ	**420 J**
Dibenzo(a,h)-anthracene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Dibenzofuran	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Diethylphthalate	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Dimethylphthalate	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Di-n-Butylphthalate	500 U	510 U	1100 UJ	1000 UJ	1500 UJ

Table D-6-4
Complete Analytical Data Summary for Sediment Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-SE01 Date: 10/9/2003 Depth: 0 - 2 in	GPS-SE02 10/9/2003 0 - 2 in	GPS-SE03 10/9/2003 0 - 2 in	GPS-SE04 10/9/2003 0 - 2 in	GPS-SE05 10/9/2003 0 - 2 in
Di-n-Octylphthalate	500 U	510 U	1100 UJ	1000 UJ	**1500 J**
Fluoranthene	500 U	510 U	1100 UJ	1000 UJ	**1100 J**
Fluorene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Hexachlorobenzene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Hexachlorobutadiene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Hexachlorocyclo-Pentadiene	500 UJ	510 UJ	1100 UJ	1000 UJ	1500 UJ
Hexachloroethane	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Indeno(1,2,3-cd)-pyrene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Isophorone	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Naphthalene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Nitrobenzene	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
n-Nitroso Diphenylamine	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
n-Nitroso-Di-n Propylamine	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Pentachlorophenol	1300 U	1300 U	2800 UJ	2600 UJ	3800 UJ
Phenanthrene	500 U	510 U	1100 UJ	1000 UJ	**380 J**
Phenol	500 U	510 U	1100 UJ	1000 UJ	1500 UJ
Pyrene	500 U	510 U	1100 UJ	1000 UJ	**760 J**
TCL Pesticide and PCBs (µg/Kg)					
4,4'-DDD	5 U	5.1 U	11 UJ	10 UJ	15 UJ
4,4'-DDE	5 U	5.1 U	11 UJ	10 UJ	15 UJ
4,4'-DDT	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Aldrin	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Alpha-BHC	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Alpha-Chlordane	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Aroclor-1016	50 U	51 U	110 UJ	100 UJ	150 UJ
Aroclor-1221	100 U	100 U	220 UJ	210 UJ	300 UJ
Aroclor-1232	50 U	51 U	110 UJ	100 UJ	150 UJ
Aroclor-1242	50 U	51 U	110 UJ	100 UJ	150 UJ
Aroclor-1248	50 U	51 U	110 UJ	**310 J**	**1600 J**
Aroclor-1254	50 U	51 U	110 UJ	100 UJ	150 UJ
Aroclor-1260	50 U	51 U	110 UJ	100 UJ	**180 J**
Beta-BHC	2.6 U	2.6 U	5.7 UJ	5.3 UJ	**19 R**
Delta-BBHC	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Dieldrin	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Endosulfan I	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Endosulfan II	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Endosulfan Sulfate	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Endrin	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Endrin Aldehyde	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Endrin Ketone	5 U	5.1 U	11 UJ	10 UJ	15 UJ
Gamma-BHC (Lindane)	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Gamma-Chlordane	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Heptachlor	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Heptachlor Epoxide	2.6 U	2.6 U	5.7 UJ	5.3 UJ	7.7 UJ
Methoxychlor	26 U	26 U	57 UJ	53 UJ	77 UJ
Toxaphene	260 U	260 U	570 UJ	530 UJ	770 UJ

Table D-6-4
Complete Analytical Data Summary for Sediment Samples from the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID:	GPS-SE01	GPS-SE02	GPS-SE03	GPS-SE04	GPS-SE05
	Date:	10/9/2003	10/9/2003	10/9/2003	10/9/2003	10/9/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TAL Metals and Mercury (mg/Kg)						
Aluminum		7680	7890	6670	2760	3170
Antimony		2.1 U	2.1 U	2.9 U	2.8 U	2.9 U
Arsenic		3.7	4.2 J	2.9 BJ	1.7 U	1.8 U
Barium		64.3	78.4	80.2	69 B	51.9 B
Beryllium		0.49 B	0.46 B	0.49 B	0.21 B	0.25 B
Cadmium		0.14 U	0.15 U	0.2 U	0.69 B	4.9
Calcium		42500	23200	3030	24100	3200
Chromium		11.1	10.2	8.6	18.7	65.4
Cobalt		8.6 B	7 B	5.4 B	2.4 B	4.2 B
Copper		20.3	18.1	18.1	9.5 B	25.4
Iron		18200	17500	9090	8970	16300
Lead		9.6	8	18.8	24	183
Magnesium		15400	10200	2370	1260 B	1140 B
Manganese		461	311	137	144	169
Nickel		18.9	16.6	12.6 B	5.9 B	11.9 B
Potassium		1040 B	752 B	549 B	344 B	286 B
Selenium		0.55 U	0.56 U	0.85 B	0.74 U	1.7 B
Silver		0.43 U	0.44 U	0.6 U	0.58 U	0.6 U
Sodium		158 U	162 U	219 U	212 U	219 U
Thallium		1.2 U	1.2 U	1.7 U	1.6 U	1.7 U
Vanadium		16.3	17	25.5	17.9 B	21.1
Zinc		49.2	48.6	111	48.1	138
Mercury		0.07 U	0.07 U	0.1 U	0.1 U	0.42
Total Cyanide (mg/Kg)						
Cyanide Tot.		0.18 U	0.23 U	0.43 U	0.71 U	5.7
Total Organic Carbon (mg/Kg)						
Organic Carbon, Tot.		17000	10000	92000	120000	110000
Percent Solids (%)						
Percent Solids, 105DegC		67	52	28	17	20

Table D-6-4
Complete Analytical Data Summary for Sediment Samples from the Georgia Pacific/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
GPS = Georgia Pacific Site/NYS Canal Corporation Site.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SE = Sediment sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-6-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: GPS-GP01-GW Date: 10/13/2003	GPS-GP02-GW 10/14/2003	GPS-GP03-GW 10/14/2003	GPS-GP04-GW 10/14/2003	GPS-GP05-GW 10/13/2003	GPS-GP06-GW 10/14/2003	GPS-GP07-GW 10/14/2003	GPS-GP08-GW 10/13/2003
TCL Volatile Organic Compounds (µg/L)								
1,1,1-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U	10 U	10 U	**0.9 J**	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
1,2-Dibromo-3-Chloropropane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
4-Methyl-2-Pentanone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ
Benzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Carbon Disulfide	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
cis-1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-6-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells
at the Georgia Pacific/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	GPS-GP01-GW 10/13/2003	GPS-GP02-GW 10/14/2003	GPS-GP03-GW 10/14/2003	GPS-GP04-GW 10/14/2003	GPS-GP05-GW 10/13/2003	GPS-GP06-GW 10/14/2003	GPS-GP07-GW 10/14/2003	GPS-GP08-GW 10/13/2003
Ethylbenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Acetate	10 UJ	10 U	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
Methyl tert-Butyl Ether	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylcyclohexane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U
Xylenes (Total)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)								
1,1'-Biphenyl	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
3-Nitroaniline	25 U	25 UJ	25 UJ	25 UJ	25 U	25 UJ	25 UJ	25 U
4,6-Dinitro-2-Methylphenol	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U

Table D-6-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells
at the Georgia Pacific/NYS Canal Corporation Site

Analyte	Sample ID: / Date:	GPS-GP01-GW 10/13/2003	GPS-GP02-GW 10/14/2003	GPS-GP03-GW 10/14/2003	GPS-GP04-GW 10/14/2003	GPS-GP05-GW 10/13/2003	GPS-GP06-GW 10/14/2003	GPS-GP07-GW 10/14/2003	GPS-GP08-GW 10/13/2003
4-Bromophenyl-Phenylether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
4-Nitrophenol		25 UJ	25 U	25 U	25 U	25 UJ	25 U	25 U	25 UJ
Acenaphthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzaldehyde		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene		10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Caprolactam		10 U	10 U	10 U	10 U	**280**	10 U	10 U	**1400**
Carbazole		10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
Chrysene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-Butylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-Octylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-6-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells
at the Georgia Pacific/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	GPS-GP01-GW 10/13/2003	GPS-GP02-GW 10/14/2003	GPS-GP03-GW 10/14/2003	GPS-GP04-GW 10/14/2003	GPS-GP05-GW 10/13/2003	GPS-GP06-GW 10/14/2003	GPS-GP07-GW 10/14/2003	GPS-GP08-GW 10/13/2003
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Hexachloroethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ	10 UJ	10 U
Pentachlorophenol	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)								
4,4'-DDD	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2.2 U	2 U	2 U	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1.1 U	1 U	1 U	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table D-6-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Georgia Pacific/NYS Canal Corporation Site

Analyte / Sample ID: / Date:	GPS-GP01-GW 10/13/2003	GPS-GP02-GW 10/14/2003	GPS-GP03-GW 10/14/2003	GPS-GP04-GW 10/14/2003	GPS-GP05-GW 10/13/2003	GPS-GP06-GW 10/14/2003	GPS-GP07-GW 10/14/2003	GPS-GP08-GW 10/13/2003
Endrin Aldehyde	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U	0.11 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.056 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.56 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5.6 U	5 U	5 U	5 U	5 U	5 U
TAL Metals and Mercury (µg/L)								
Aluminum	**91.9 B**	**82.2 B**	**56.8 B**	**57.5 B**	**50.4 B**	**68.8 B**	**57.9 B**	**67.3 B**
Antimony	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
Arsenic	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
Barium	**176 B**	**39.4 B**	**57.6 B**	**35.5 B**	**110 B**	**26.6 B**	**87.3 B**	**39.5 B**
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Calcium	**66900**	**104000**	**131000**	**210000**	**119000**	**48800**	**102000**	**85600**
Chromium	**4.3 B**	**1.4 B**	**29.6**	1 U	1 U	1 U	**3.1 B**	1 U
Cobalt	**13.2 B**	1.3 U	**2.7 B**	**18.7 B**	**5.7 B**	**4.7 B**	**4.5 B**	**4.6 B**
Copper	1 U	1 U	**5.9 B**	1 U	1 U	**1.1 B**	1 U	1 U
Iron	**101000**	**395**	**5040**	**9790**	**3040**	27.9 U	**2140**	**94.3 B**
Lead	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U
Magnesium	**19000**	**11000**	**35800**	**44300**	**25100**	**4040 B**	**22200**	**16000**
Manganese	**2140 J**	**122 J**	**426 J**	**7610 J**	**1600**	**196 J**	**394 J**	**603 J**
Nickel	**9 B**	**4.6 B**	**16.1 B**	**7.3 B**	**4.6 B**	2.3 U	2.3 U	**3 B**
Potassium	**2590 B**	**2590 B**	**2690 B**	**3620 B**	**11100 J**	**3170 B**	**3840 B**	**1390 B**
Selenium	3.8 U	**5.8**	3.8 U	3.8 U	**5.1 J**	3.8 U	3.8 U	3.8 U
Silver	1.4 UJ	1.4 UJ	1.4 UJ	1.4 UJ	1.4 U	1.4 UJ	1.4 UJ	1.4 UJ
Sodium	**9660**	**5240**	**46100**	**9830**	**35000 J**	**10400**	**69300**	**5660**
Thallium	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Vanadium	**3.8 B**	**1.8 B**	0.9 U	0.9 U	0.9 U	**1.2 B**	0.9 U	0.9 U
Zinc	**38.1 J**	**39.3 J**	**27.1 J**	**24.8 J**	**28.1**	**27.4 J**	**20.2 J**	**26.6 J**
Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.1 UJ	0.1 U	0.1 U	0.1 U
Total Cyanide (µg/L)								
Cyanide Tot.	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U

Table D-6-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Georgia Pacific/NYS Canal Corporation Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
GPS = Georgia Pacific Site/NYS Canal Corporation Site.
GW = Groundwater sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
NYS = New York State.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Source: Ecology and Environment, Inc., 2004

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS01	NCC-SS02	NCC-SS03	NCC-SS04	NCC-SS05	NCC-SS06	NCC-SS07	NCC-SS08
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)									
1,1,1-Trichloroethane		--	--	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane		--	--	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		--	--	--	--	--	--	--	--
1,1,2-Trichloroethane		--	--	--	--	--	--	--	--
1,1-Dichloroethane		--	--	--	--	--	--	--	--
1,1-Dichloroethene		--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene		--	--	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane		--	--	--	--	--	--	--	--
1,2-Dibromoethane		--	--	--	--	--	--	--	--
1,2-Dichlorobenzene		--	--	--	--	--	--	--	--
1,2-Dichloroethane		--	--	--	--	--	--	--	--
1,2-Dichloropropane		--	--	--	--	--	--	--	--
1,3-Dichlorobenzene		--	--	--	--	--	--	--	--
1,4-Dichlorobenzene		--	--	--	--	--	--	--	--
2-Butanone		--	--	--	--	--	--	--	--
2-Hexanone		--	--	--	--	--	--	--	--
4-Methyl-2-Pentanone		--	--	--	--	--	--	--	--
Acetone		--	--	--	--	--	--	--	--
Benzene		--	--	--	--	--	--	--	--
Bromodichloromethane		--	--	--	--	--	--	--	--
Bromoform		--	--	--	--	--	--	--	--
Bromomethane		--	--	--	--	--	--	--	--
Carbon Disulfide		--	--	--	--	--	--	--	--
Carbon Tetrachloride		--	--	--	--	--	--	--	--
Chlorobenzene		--	--	--	--	--	--	--	--
Chloroethane		--	--	--	--	--	--	--	--
Chloroform		--	--	--	--	--	--	--	--
Chloromethane		--	--	--	--	--	--	--	--
cis-1,2-Dichloroethene		--	--	--	--	--	--	--	--
cis-1,3-Dichloropropene		--	--	--	--	--	--	--	--
Cyclohexane		--	--	--	--	--	--	--	--

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS01	NCC-SS02	NCC-SS03	NCC-SS04	NCC-SS05	NCC-SS06	NCC-SS07	NCC-SS08
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dibromochloromethane		--	--	--	--	--	--	--	--
Dichlorodifluoromethane		--	--	--	--	--	--	--	--
Ethylbenzene		--	--	--	--	--	--	--	--
Isopropylbenzene		--	--	--	--	--	--	--	--
Methyl Acetate		--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether		--	--	--	--	--	--	--	--
Methylcyclohexane		--	--	--	--	--	--	--	--
Methylene Chloride		--	--	--	--	--	--	--	--
Styrene		--	--	--	--	--	--	--	--
Tetrachloroethene		--	--	--	--	--	--	--	--
Toluene		--	--	--	--	--	--	--	--
trans-1,2-Dichloroethene		--	--	--	--	--	--	--	--
trans-1,3-Dichloropropene		--	--	--	--	--	--	--	--
Trichloroethene		--	--	--	--	--	--	--	--
Trichlorofluoromethane		--	--	--	--	--	--	--	--
Vinyl Chloride		--	--	--	--	--	--	--	--
Xylenes (Total)		--	--	--	--	--	--	--	--
TCL Semivolatile Organic Compounds (µg/Kg)									
1,1'-Biphenyl		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2,2'-Oxybis(1- Chloropropane)		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2,4,5-Trichlorophenol		1200 U	1200 U	1300 U	1100 U	1100 U	1900 UJ	1200 U	1000 U
2,4,6-Trichlorophenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2,4-Dichlorophenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2,4-Dimethylphenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2,4-Dinitrophenol		1200 UJ	1200 UJ	1300 UJ	1100 UJ	1100 UJ	1900 UJ	1200 UJ	1000 UJ
2,4-Dinitrotoluene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2,6-Dinitrotoluene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2-Chloronaphthalene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2-Chlorophenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2-Methylnaphthalene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2-Methylphenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
2-Nitroaniline		1200 UJ	1200 UJ	1300 UJ	1100 UJ	1100 UJ	1900 UJ	1200 U	1000 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS01	NCC-SS02	NCC-SS03	NCC-SS04	NCC-SS05	NCC-SS06	NCC-SS07	NCC-SS08
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
2-Nitrophenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
3,3'-Dichlorobenzidine		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
3-Nitroaniline		1200 U	1200 U	1300 U	1100 U	1100 U	1900 UJ	1200 U	1000 U
4,6-Dinitro-2-Methylphenol		1200 U	1200 U	1300 U	1100 U	1100 U	1900 UJ	1200 U	1000 U
4-Bromophenyl-Phenylether		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
4-Chloro-3-Methylphenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
4-Chloroaniline		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
4-Chlorophenyl-Phenyl Ether		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
4-Methylphenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
4-Nitroaniline		1200 U	1200 U	1300 U	1100 U	1100 U	1900 UJ	1200 U	1000 U
4-Nitrophenol		1200 UJ	1200 UJ	1300 UJ	1100 UJ	1100 UJ	1900 UJ	1200 U	1000 U
Acenaphthene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Acenaphthylene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Acetophenone		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Anthracene		490 U	470 U	520 U	450 U	450 U	**300 J**	480 U	400 U
Atrazine		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Benzaldehyde		490 UJ	470 UJ	520 UJ	450 UJ	450 UJ	770 UJ	480 U	400 U
Benzo(a)anthracene		490 U	470 U	520 U	450 U	450 U	**1300 J**	480 U	400 U
Benzo(a)pyrene		490 U	470 U	520 U	450 U	450 U	**1200 J**	480 U	400 U
Benzo(b)fluoranthene		490 U	470 U	520 U	450 U	450 U	**1000 J**	480 U	400 U
Benzo(g,h,i)perylene		490 U	470 U	520 U	450 U	450 U	**480 J**	480 U	400 U
Benzo(k)fluoranthene		490 U	470 U	520 U	450 U	450 U	**1300 J**	480 U	400 U
Bis(2-Chloroethoxy)Methane		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Bis-(2-Chloroethyl)Ether		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Bis(2-Ethylhexyl)Phthalate		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Butylbenzylphthalate		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Caprolactam		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Carbazole		490 U	470 U	520 U	450 U	450 U	**230 J**	480 U	400 U
Chrysene		490 U	470 U	520 U	450 U	450 U	**1400 J**	480 U	400 U
Dibenzo(a,h)-anthracene		490 U	470 U	520 U	450 U	450 U	**220 J**	480 U	400 U
Dibenzofuran		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Diethylphthalate		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS01	NCC-SS02	NCC-SS03	NCC-SS04	NCC-SS05	NCC-SS06	NCC-SS07	NCC-SS08
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dimethylphthalate		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Di-n-Butylphthalate		490 U	470 U	520 U	450 U	450 U	**210 J**	480 U	400 U
Di-n-Octylphthalate		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Fluoranthene		490 U	470 U	520 U	450 U	450 U	**2300 J**	480 U	400 U
Fluorene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Hexachlorobenzene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Hexachlorobutadiene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Hexachlorocyclo-Pentadiene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Hexachloroethane		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Indeno(1,2,3-cd)-pyrene		490 U	470 U	520 U	450 U	450 U	**790 J**	480 U	400 U
Isophorone		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Naphthalene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Nitrobenzene		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
n-Nitroso Diphenylamine		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
n-Nitroso-Di-n Propylamine		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Pentachlorophenol		1200 UJ	1200 UJ	1300 UJ	1100 UJ	1100 UJ	1900 UJ	1200 U	1000 U
Phenanthrene		490 U	470 U	520 U	450 U	450 U	**1200 J**	480 U	400 U
Phenol		490 U	470 U	520 U	450 U	450 U	770 UJ	480 U	400 U
Pyrene		490 UJ	470 UJ	520 UJ	450 UJ	450 UJ	**2000 J**	480 U	400 U
TCL Pesticides and PCBs (µg/Kg)									
4,4'-DDD		4.9 U	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
4,4'-DDE		**64**	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
4,4'-DDT		**36 J**	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
Aldrin		2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Alpha-BHC		2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Alpha-Chlordane		**2.6 R**	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Aroclor-1016		49 U	47 U	52 U	45 U	45 U	77 UJ	48 U	40 U
Aroclor-1221		100 U	96 U	100 U	92 U	92 U	160 UJ	97 U	82 U
Aroclor-1232		49 U	47 U	52 U	45 U	45 U	77 UJ	48 U	40 U
Aroclor-1242		49 U	47 U	52 U	45 U	45 U	77 UJ	48 U	40 U
Aroclor-1248		49 U	47 U	52 U	45 U	45 U	77 UJ	48 U	40 U
Aroclor-1254		**560**	47 U	52 U	45 U	45 U	77 UJ	48 U	40 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SS01 Date: 10/2/2003 Depth: 0 - 2 in	NCC-SS02 10/2/2003 0 - 2 in	NCC-SS03 10/2/2003 0 - 2 in	NCC-SS04 10/2/2003 0 - 2 in	NCC-SS05 10/2/2003 0 - 2 in	NCC-SS06 10/2/2003 0 - 2 in	NCC-SS07 10/2/2003 0 - 2 in	NCC-SS08 10/2/2003 0 - 2 in
Aroclor-1260	**58 J**	47 U	52 U	45 U	45 U	77 UJ	48 U	40 U
Beta-BHC	2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	**4**	**1.8 J**
Delta-BBHC	2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Dieldrin	**15**	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
Endosulfan I	**2.7 R**	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Endosulfan II	4.9 U	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
Endosulfan Sulfate	4.9 U	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
Endrin	4.9 U	4.7 U	5.2 U	4.5 U	4.5 U	**6.3 J**	4.8 U	4 U
Endrin Aldehyde	**8.4**	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
Endrin Ketone	4.9 U	4.7 U	5.2 U	4.5 U	4.5 U	7.7 UJ	4.8 U	4 U
Gamma-BHC (Lindane)	2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Gamma-Chlordane	2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Heptachlor	2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Heptachlor Epoxide	2.5 U	2.4 U	2.7 U	2.3 U	2.3 U	4 UJ	2.5 U	2.1 U
Methoxychlor	25 U	24 U	27 U	23 U	23 U	40 UJ	25 U	21 U
Toxaphene	250 U	240 U	270 U	230 U	230 U	400 UJ	250 U	210 U
Herbicides (µg/Kg)								
2,4,5-T	--	--	--	--	--	--	--	--
2,4,5-TP (SILVEX)	--	--	--	--	--	--	--	--
2,4-D	--	--	--	--	--	--	--	--
2,4-DB	--	--	--	--	--	--	--	--
Dalapon	--	--	--	--	--	--	--	--
Dicamba	--	--	--	--	--	--	--	--
Dichlorprop	--	--	--	--	--	--	--	--
Dinoseb	--	--	--	--	--	--	--	--
MCPA	--	--	--	--	--	--	--	--
MCPP	--	--	--	--	--	--	--	--

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS01	NCC-SS02	NCC-SS03	NCC-SS04	NCC-SS05	NCC-SS06	NCC-SS07	NCC-SS08
	Date:	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TAL Metals and Mercury (mg/Kg)									
Aluminum		7900	7590	10500	8770	7160	4730	7530	11100
Antimony		2 U	2.2 U	2.2 U	1.9 U	2 U	2.9 U	2.1 U	1.8 U
Arsenic		3.9	5.6	4.8	4.2	4	2.7 B	4.8	6.5
Barium		76	59.4 B	92.2	81.4	73.9	47 B	80	110
Beryllium		0.38 B	0.37 B	0.44 B	0.49 B	0.4 B	0.31 B	0.43 B	0.59 B
Cadmium		2 J	0.15 U	0.15 U	0.13 U	0.14 U	4.9 J	0.14 U	0.13 U
Calcium		4920	13700	17600	3260	3280	7190	4550	3270
Chromium		50.3	11.4	14.4	11.4	15	14.2	13.1	13.9
Cobalt		7.7 B	9.7 B	12.7 B	8.6 B	7.2 B	5.1 B	7.2 B	9.9 B
Copper		25.6 J	29.8 J	26.3 J	15.9 J	18.6 J	55.6 J	18.5 J	23.1 J
Iron		16700	20500	25300	17800	14600	24100	15500	24800
Lead		110	33.8	31.8	33.6	47.2	222	28.7	26.8
Magnesium		3290	6650	12200	3380	2820	2360	3020	4800
Manganese		429	633	819	499	402	94.2	389	831
Nickel		15.1	21.3	25	13.8	12.7	75.8	12.1	21.9
Potassium		995 B	2150	2910	698 B	405 B	366 B	489 B	693 B
Selenium		0.8 B	0.57 U	0.57 U	0.5 U	0.52 U	1.9 B	0.62 B	0.49 U
Silver		0.42 U	0.45 U	0.45 U	0.4 U	0.41 U	0.59 U	0.43 U	0.38 U
Sodium		540 B	1440 B	1720	145 U	149 U	217 U	157 U	140 U
Thallium		1.2 U	1.3 U	1.3 U	1.1 U	1.1 U	1.7 U	1.2 U	1.1 U
Vanadium		17.8	16.1	16.3	17.2	14.6	13.4 B	15	19.2
Zinc		139	87.9	112	67	67.8	319	225	66.8
Mercury		0.39	0.07 U	0.14	0.14	0.38	0.14 B	0.09 B	0.06 U
Total Cyanide (mg/Kg)									
Cyanide Tot.		0.21	0.18 U	0.17 U	0.28	0.17 U	0.28 U	0.18 U	0.15 U
Total Petroleum Hydrocarbons (mg/Kg)									
n-Hexane Extractable Material		--	--	--	--	--	--	--	--
Percent Moisture (wt%)									
Percent Moisture		--	--	--	--	--	--	--	--
Percent Solids (%)									
Percent Solids, 105DegC		60	66	70	73	73	43	68	80

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SS09 Date: 10/1/2003 Depth: 0 - 2 in	NCC-SS10 10/1/2003 0 - 2 in	NCC-SS11 10/1/2003 0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)			
1,1,1-Trichloroethane	--	--	21 U
1,1,2,2-Tetrachloroethane	--	--	21 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	21 U
1,1,2-Trichloroethane	--	--	21 U
1,1-Dichloroethane	--	--	21 U
1,1-Dichloroethene	--	--	21 U
1,2,4-Trichlorobenzene	--	--	21 UJ
1,2-Dibromo-3-Chloropropane	--	--	21 UJ
1,2-Dibromoethane	--	--	21 UJ
1,2-Dichlorobenzene	--	--	21 UJ
1,2-Dichloroethane	--	--	21 U
1,2-Dichloropropane	--	--	21 U
1,3-Dichlorobenzene	--	--	21 UJ
1,4-Dichlorobenzene	--	--	21 UJ
2-Butanone	--	--	21 U
2-Hexanone	--	--	21 UJ
4-Methyl-2-Pentanone	--	--	21 UJ
Acetone	--	--	21 U
Benzene	--	--	21 U
Bromodichloromethane	--	--	21 U
Bromoform	--	--	21 U
Bromomethane	--	--	21 U
Carbon Disulfide	--	--	21 U
Carbon Tetrachloride	--	--	21 U
Chlorobenzene	--	--	21 UJ
Chloroethane	--	--	21 U
Chloroform	--	--	21 U
Chloromethane	--	--	21 U
cis-1,2-Dichloroethene	--	--	21 U
cis-1,3-Dichloropropene	--	--	21 U
Cyclohexane	--	--	21 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SS09 Date: 10/1/2003 Depth: 0 - 2 in	NCC-SS10 10/1/2003 0 - 2 in	NCC-SS11 10/1/2003 0 - 2 in
Dibromochloromethane	--	--	21 U
Dichlorodifluoromethane	--	--	21 U
Ethylbenzene	--	--	21 UJ
Isopropylbenzene	--	--	21 UJ
Methyl Acetate	--	--	21 U
Methyl tert-Butyl Ether	--	--	21 U
Methylcyclohexane	--	--	21 U
Methylene Chloride	--	--	21 U
Styrene	--	--	21 UJ
Tetrachloroethene	--	--	21 UJ
Toluene	--	--	21 UJ
trans-1,2-Dichloroethene	--	--	21 U
trans-1,3-Dichloropropene	--	--	21 U
Trichloroethene	--	--	21 U
Trichlorofluoromethane	--	--	21 U
Vinyl Chloride	--	--	21 U
Xylenes (Total)	--	--	21 UJ
TCL Semivolatile Organic Compounds (µg/Kg)			
1,1'-Biphenyl	350 U	390 U	520 U
2,2'-Oxybis(1- Chloropropane)	350 U	390 U	520 U
2,4,5-Trichlorophenol	890 U	980 U	1300 U
2,4,6-Trichlorophenol	350 U	390 U	520 U
2,4-Dichlorophenol	350 U	390 U	520 U
2,4-Dimethylphenol	350 U	390 U	520 U
2,4-Dinitrophenol	890 UJ	980 UJ	1300 UJ
2,4-Dinitrotoluene	350 U	390 U	520 U
2,6-Dinitrotoluene	350 U	390 U	520 U
2-Chloronaphthalene	350 U	390 U	520 U
2-Chlorophenol	350 U	390 U	520 U
2-Methylnaphthalene	350 U	390 U	520 U
2-Methylphenol	350 U	390 U	520 U
2-Nitroaniline	890 UJ	980 UJ	1300 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS09	NCC-SS10	NCC-SS11
	Date:	10/1/2003	10/1/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
2-Nitrophenol		350 U	390 U	520 U
3,3'-Dichlorobenzidine		350 U	390 U	520 U
3-Nitroaniline		890 U	980 U	1300 U
4,6-Dinitro-2-Methylphenol		890 U	980 U	1300 UJ
4-Bromophenyl-Phenylether		350 U	390 U	520 U
4-Chloro-3-Methylphenol		350 U	390 U	520 U
4-Chloroaniline		350 U	390 U	520 U
4-Chlorophenyl-Phenyl Ether		350 U	390 U	520 U
4-Methylphenol		350 U	390 U	520 U
4-Nitroaniline		890 U	980 U	1300 U
4-Nitrophenol		890 UJ	980 UJ	1300 UJ
Acenaphthene		350 U	390 U	520 U
Acenaphthylene		350 U	390 U	520 U
Acetophenone		350 U	390 U	520 U
Anthracene		350 U	390 U	520 U
Atrazine		350 U	390 U	520 U
Benzaldehyde		350 UJ	390 UJ	520 UJ
Benzo(a)anthracene		350 U	390 U	520 U
Benzo(a)pyrene		350 U	390 U	520 U
Benzo(b)fluoranthene		350 U	390 U	520 U
Benzo(g,h,i)perylene		350 U	390 U	520 U
Benzo(k)fluoranthene		350 U	390 U	520 U
Bis(2-Chloroethoxy)Methane		350 U	390 U	520 U
Bis-(2-Chloroethyl)Ether		350 U	390 U	520 U
Bis(2-Ethylhexyl)Phthalate		350 U	390 U	520 U
Butylbenzylphthalate		350 U	390 U	520 U
Caprolactam		350 U	390 U	520 U
Carbazole		350 U	390 U	520 U
Chrysene		350 U	390 U	520 U
Dibenzo(a,h)-anthracene		350 U	390 U	520 U
Dibenzofuran		350 U	390 U	520 U
Diethylphthalate		350 U	390 U	520 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SS09 Date: 10/1/2003 Depth: 0 - 2 in	NCC-SS10 10/1/2003 0 - 2 in	NCC-SS11 10/1/2003 0 - 2 in
Dimethylphthalate	350 U	390 U	520 U
Di-n-Butylphthalate	350 U	390 U	520 U
Di-n-Octylphthalate	350 U	390 U	520 U
Fluoranthene	350 U	390 U	520 U
Fluorene	350 U	390 U	520 U
Hexachlorobenzene	350 U	390 U	520 U
Hexachlorobutadiene	350 U	390 U	520 U
Hexachlorocyclo-Pentadiene	350 U	390 U	520 U
Hexachloroethane	350 U	390 U	520 U
Indeno(1,2,3-cd)-pyrene	350 U	390 U	520 U
Isophorone	350 U	390 U	520 U
Naphthalene	350 U	390 U	520 U
Nitrobenzene	350 U	390 U	520 U
n-Nitroso Diphenylamine	350 U	390 U	520 U
n-Nitroso-Di-n Propylamine	350 U	390 U	520 U
Pentachlorophenol	890 UJ	980 UJ	1300 UJ
Phenanthrene	350 U	390 U	520 U
Phenol	350 U	390 U	520 U
Pyrene	350 UJ	390 UJ	520 UJ
TCL Pesticides and PCBs (µg/Kg)			
4,4'-DDD	3.5 U	3.9 U	5.2 U
4,4'-DDE	3.5 U	**1.5 J**	**4.2 J**
4,4'-DDT	3.5 U	3.9 U	5.2 U
Aldrin	1.8 U	2 U	2.7 U
Alpha-BHC	1.8 U	2 U	2.7 UJ
Alpha-Chlordane	1.8 U	2 U	2.7 U
Aroclor-1016	35 U	39 U	52 U
Aroclor-1221	72 U	79 U	100 U
Aroclor-1232	35 U	39 U	52 U
Aroclor-1242	35 U	39 U	52 U
Aroclor-1248	35 U	39 U	52 U
Aroclor-1254	35 U	39 U	52 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS09	NCC-SS10	NCC-SS11
	Date:	10/1/2003	10/1/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
Aroclor-1260		35 U	39 U	52 U
Beta-BHC		1.8 U	2 U	2.7 U
Delta-BBHC		1.8 U	2 U	2.7 U
Dieldrin		3.5 U	3.9 U	5.2 U
Endosulfan I		1.8 U	2 U	**0.62 J**
Endosulfan II		3.5 U	3.9 U	5.2 U
Endosulfan Sulfate		3.5 U	3.9 U	5.2 U
Endrin		3.5 U	3.9 U	5.2 U
Endrin Aldehyde		3.5 U	3.9 U	5.2 U
Endrin Ketone		3.5 U	3.9 U	5.2 U
Gamma-BHC (Lindane)		1.8 U	2 U	2.7 UJ
Gamma-Chlordane		1.8 U	2 U	2.7 U
Heptachlor		1.8 U	2 U	2.7 U
Heptachlor Epoxide		1.8 U	2 U	2.7 U
Methoxychlor		18 U	20 U	27 U
Toxaphene		180 U	200 U	270 U
Herbicides (µg/Kg)				
2,4,5-T		--	--	28.4 U
2,4,5-TP (SILVEX)		--	--	28.4 U
2,4-D		--	--	28.4 U
2,4-DB		--	--	28.4 U
Dalapon		--	--	85.1 U
Dicamba		--	--	28.4 U
Dichlorprop		--	--	28.4 U
Dinoseb		--	--	28.4 U
MCPA		--	--	8510 U
MCPP		--	--	8510 U

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SS09	NCC-SS10	NCC-SS11
	Date:	10/1/2003	10/1/2003	10/1/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
TAL Metals and Mercury (mg/Kg)				
Aluminum		**5590**	**15600**	**8850**
Antimony		1.6 U	2 U	2.4 U
Arsenic		**5.9**	**8.3**	**10**
Barium		**41 B**	**123**	**131**
Beryllium		**0.33 B**	**1 B**	**0.64 B**
Cadmium		0.11 U	0.14 U	0.16 U
Calcium		**42800**	**1220 B**	**3950**
Chromium		**8.2**	**16.4**	**12.9**
Cobalt		**8.7 B**	**23.9**	**7 B**
Copper		**21.3**	**22.3**	**31**
Iron		**17600**	**38700**	**24400**
Lead		**18.2**	**44**	**54.6**
Magnesium		**14100**	**3760**	**2410**
Manganese		**439**	**1020**	**1010**
Nickel		**17.8**	**19**	**14.1**
Potassium		**558 B**	**823 B**	**552 B**
Selenium		0.41 UJ	0.51 UJ	**0.78 BJ**
Silver		0.32 UJ	0.41 UJ	0.49 UJ
Sodium		118 U	148 U	180 U
Thallium		0.91 U	1.1 U	1.4 U
Vanadium		**9.9 B**	**29.5**	**25.4**
Zinc		**52.6**	**69.1**	**81.8**
Mercury		0.05 U	0.07 U	**0.14 B**
Total Cyanide (mg/Kg)				
Cyanide Tot.		0.13 U	**0.21**	**0.49**
Total Petroleum Hydrocarbons (mg/Kg)				
n-Hexane Extractable Material		- -	- -	337 U
Percent Moisture (wt%)				
Percent Moisture		- -	- -	**42.6**
Percent Solids (%)				
Percent Solids, 105DegC		**93**	**73**	**62**

Table D-7-1
Complete Analytical Data Summary for Surface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

(1) New York State Department of Environmental Conservation, Technical and Administrative Guidance Memorandum #4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1994.

(2) Eastern United States background values.

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NCC = NYS Canal Corporation / Allco / Leyerle site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-7-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date: / Depth:	NCC-GP01-SB 10/9/2003 22 - 24 ft	NCC-GP02-SB 10/7/2003 0 - 2 ft	NCC-GP03-SB 10/9/2003 14 - 16 ft	NCC-GP04-SB 10/3/2003 21 - 24 in	NCC-GP05-SB 10/7/2003 2 - 4 ft
TCL Volatile Organic Compounds (µg/Kg)						
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	11 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U	11 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		**2 J**	10 U	**0.7 J**	10 U	11 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	11 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	11 U
1,1-Dichloroethene		10 U	10 U	10 UJ	10 U	11 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U	11 U
1,2-Dibromo-3-Chloropropane		10 U	10 U	10 U	**10 R**	**11 R**
1,2-Dibromoethane		10 U	10 U	10 U	10 U	11 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U	11 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U	11 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	11 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U	11 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U	11 U
2-Butanone		10 U	10 U	**11**	10 U	11 U
2-Hexanone		10 U	10 U	10 U	10 UJ	11 U
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U	11 UJ
Acetone		11 UJ	10 UJ	**66**	10 U	11 UJ
Benzene		10 U	10 U	10 U	10 U	11 U
Bromodichloromethane		10 U	10 U	10 U	10 U	11 U
Bromoform		10 U	10 U	10 U	10 U	11 U
Bromomethane		10 U	10 U	10 UJ	10 U	11 UJ
Carbon Disulfide		10 UJ	10 U	**1 J**	10 U	11 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U	11 U
Chlorobenzene		10 U	10 U	10 U	10 U	11 U
Chloroethane		10 U	10 U	10 U	10 U	11 UJ
Chloroform		10 U	10 U	10 U	10 U	11 U
Chloromethane		10 U	10 U	10 U	10 U	11 UJ
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	11 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	11 U
Cyclohexane		10 U	10 U	10 U	10 U	11 U
Dibromochloromethane		10 U	10 U	10 U	10 U	11 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U	11 U
Ethylbenzene		10 U	10 U	10 U	10 U	11 U
Isopropylbenzene		10 U	10 U	10 U	10 U	11 U
Methyl Acetate		10 U	10 U	10 U	10 U	11 UJ
Methyl tert-Butyl Ether		10 U	10 U	10 U	10 U	11 U
Methylcyclohexane		10 U	10 U	10 U	10 U	11 U
Methylene Chloride		10 UJ	10 U	10 U	10 U	11 U
Styrene		10 U	10 U	10 U	10 U	11 U
Tetrachloroethene		10 U	10 U	10 U	10 U	11 U
Toluene		10 UJ	10 U	10 U	10 U	11 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U	11 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U	11 U
Trichloroethene		10 U	10 U	10 U	10 U	11 U
Trichlorofluoromethane		10 U	10 U	10 U	10 U	11 U
Vinyl Chloride		10 U	10 U	10 U	10 U	11 UJ
Xylenes (Total)		10 U	10 U	10 U	10 U	11 U

Table D-7-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date: / Depth:	NCC-GP01-SB 10/9/2003 22 - 24 ft	NCC-GP02-SB 10/7/2003 0 - 2 ft	NCC-GP03-SB 10/9/2003 14 - 16 ft	NCC-GP04-SB 10/3/2003 21 - 24 in	NCC-GP05-SB 10/7/2003 2 - 4 ft
TCL Semivolatile Organic Compounds (µg/Kg)						
1,1'-Biphenyl		350 U	380 U	410 U	390 U	340 U
2,2'-Oxybis(1- Chloropropane)		350 U	380 U	410 U	390 U	340 U
2,4,5-Trichlorophenol		890 U	950 U	1000 U	990 U	860 U
2,4,6-Trichlorophenol		350 U	380 U	410 U	390 U	340 U
2,4-Dichlorophenol		350 U	380 U	410 U	390 U	340 U
2,4-Dimethylphenol		350 U	380 U	410 U	390 U	340 U
2,4-Dinitrophenol		890 UJ	950 UJ	1000 U	990 U	860 UJ
2,4-Dinitrotoluene		350 U	380 U	410 U	390 U	340 U
2,6-Dinitrotoluene		350 U	380 U	410 U	390 U	340 U
2-Chloronaphthalene		350 U	380 U	410 U	390 U	340 U
2-Chlorophenol		350 U	380 U	410 U	390 U	340 U
2-Methylnaphthalene		350 U	380 U	410 U	390 U	340 U
2-Methylphenol		350 U	380 U	410 U	390 U	340 U
2-Nitroaniline		890 U	950 U	1000 U	990 U	860 U
2-Nitrophenol		350 U	380 U	410 U	390 U	340 U
3,3'-Dichlorobenzidine		350 UJ	380 UJ	410 UJ	390 UJ	340 UJ
3-Nitroaniline		890 U	950 UJ	1000 UJ	990 U	860 UJ
4,6-Dinitro-2-Methylphenol		890 U	950 UJ	1000 U	990 U	860 UJ
4-Bromophenyl-Phenylether		350 U	380 U	410 U	390 U	340 U
4-Chloro-3-Methylphenol		350 U	380 U	410 U	390 U	340 U
4-Chloroaniline		350 U	380 U	410 U	390 U	340 U
4-Chlorophenyl-Phenyl Ether		350 U	380 U	410 U	390 U	340 U
4-Methylphenol		350 U	380 U	410 U	390 U	340 U
4-Nitroaniline		890 U	950 U	1000 U	990 U	860 U
4-Nitrophenol		890 UJ	950 UJ	1000 U	990 UJ	860 UJ
Acenaphthene		350 U	380 U	410 U	390 U	340 U
Acenaphthylene		350 U	380 U	410 U	390 U	340 U
Acetophenone		350 U	380 U	410 U	390 U	340 U
Anthracene		350 U	380 U	410 U	390 U	340 U
Atrazine		350 U	380 U	410 U	390 U	340 U
Benzaldehyde		350 U	380 U	410 U	390 U	340 U
Benzo(a)anthracene		350 U	380 U	410 U	390 U	340 U
Benzo(a)pyrene		350 U	380 U	410 U	390 U	340 U
Benzo(b)fluoranthene		350 U	380 U	410 U	390 U	340 U
Benzo(g,h,i)perylene		350 UJ	380 UJ	410 U	390 U	340 UJ
Benzo(k)fluoranthene		350 U	380 U	410 U	390 U	340 U
Bis(2-Chloroethoxy)Methane		350 U	380 U	410 U	390 U	340 U
Bis-(2-Chloroethyl)Ether		350 U	380 U	410 U	390 U	340 U
Bis(2-Ethylhexyl)Phthalate		350 U	380 U	**100 J**	**420**	**73 J**
Butylbenzylphthalate		350 U	380 U	410 U	390 U	340 U
Caprolactam		350 U	380 U	410 U	390 U	340 U
Carbazole		350 UJ	380 UJ	410 UJ	390 UJ	340 UJ
Chrysene		350 U	380 U	410 U	390 U	340 U
Dibenzo(a,h)-anthracene		350 U	380 U	410 U	390 U	340 U
Dibenzofuran		350 U	380 U	410 U	390 U	340 U
Diethylphthalate		350 U	380 U	410 U	390 U	340 U
Dimethylphthalate		350 U	380 U	410 U	390 U	340 U
Di-n-Butylphthalate		350 U	380 U	410 U	390 U	340 U

Table D-7-2
Complete Analytical Data Summary for Subsurface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-GP01-SB Date: 10/9/2003 Depth: 22 - 24 ft	NCC-GP02-SB 10/7/2003 0 - 2 ft	NCC-GP03-SB 10/9/2003 14 - 16 ft	NCC-GP04-SB 10/3/2003 21 - 24 in	NCC-GP05-SB 10/7/2003 2 - 4 ft
Di-n-Octylphthalate	350 U	380 U	410 U	390 U	340 U
Fluoranthene	350 U	380 U	410 U	390 U	340 U
Fluorene	350 U	380 U	410 U	390 U	340 U
Hexachlorobenzene	350 U	380 U	410 U	390 U	340 U
Hexachlorobutadiene	350 U	380 U	410 U	390 U	340 U
Hexachlorocyclo-Pentadiene	350 UJ	380 UJ	410 U	390 UJ	340 UJ
Hexachloroethane	350 U	380 U	410 U	390 U	340 U
Indeno(1,2,3-cd)-pyrene	350 U	380 UJ	410 U	390 U	340 UJ
Isophorone	350 U	380 U	410 U	390 U	340 U
Naphthalene	350 U	380 U	410 U	390 U	340 U
Nitrobenzene	350 U	380 U	410 U	390 U	340 U
n-Nitroso Diphenylamine	350 U	380 U	410 U	390 U	340 U
n-Nitroso-Di-n Propylamine	350 U	380 U	410 U	390 U	340 U
Pentachlorophenol	890 U	950 U	1000 U	990 U	860 U
Phenanthrene	350 U	380 U	410 U	390 U	340 U
Phenol	350 U	380 U	410 U	390 U	340 U
Pyrene	350 U	380 U	410 U	390 U	340 U
TCL Pesticides and PCBs (µg/Kg)					
4,4'-DDD	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
4,4'-DDE	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
4,4'-DDT	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Aldrin	1.8 U	2 U	2.1 U	2 U	1.8 U
Alpha-BHC	1.8 U	2 U	2.1 U	2 U	1.8 U
Alpha-Chlordane	1.8 U	2 U	2.1 U	2 U	1.8 U
Aroclor-1016	35 U	38 U	41 U	39 U	34 U
Aroclor-1221	72 U	77 U	84 U	80 U	70 U
Aroclor-1232	35 U	38 U	41 U	39 U	34 U
Aroclor-1242	35 U	38 U	41 U	39 U	34 U
Aroclor-1248	35 U	38 U	41 U	39 U	34 U
Aroclor-1254	35 U	38 U	41 U	39 U	34 U
Aroclor-1260	35 U	38 U	41 U	39 U	34 U
Beta-BHC	1.8 U	2 U	2.1 U	**0.78 J**	1.8 U
Delta-BBHC	1.8 U	2 U	2.1 U	2 U	1.8 U
Dieldrin	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Endosulfan I	1.8 U	2 U	2.1 U	2 U	1.8 U
Endosulfan II	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Endosulfan Sulfate	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Endrin	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Endrin Aldehyde	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Endrin Ketone	3.5 U	3.8 U	4.1 U	3.9 U	3.4 U
Gamma-BHC (Lindane)	1.8 U	2 U	2.1 U	2 U	1.8 U
Gamma-Chlordane	1.8 U	2 U	2.1 U	2 U	1.8 U
Heptachlor	1.8 U	2 U	2.1 U	2 U	1.8 U
Heptachlor Epoxide	1.8 U	2 U	2.1 U	2 U	1.8 U
Methoxychlor	18 U	20 U	21 U	20 U	18 U
Toxaphene	180 U	200 U	210 U	200 U	180 U

Table D-7-2
Complete Analytical Data Summary for Subsurface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date: / Depth:	NCC-GP01-SB 10/9/2003 22 - 24 ft	NCC-GP02-SB 10/7/2003 0 - 2 ft	NCC-GP03-SB 10/9/2003 14 - 16 ft	NCC-GP04-SB 10/3/2003 21 - 24 in	NCC-GP05-SB 10/7/2003 2 - 4 ft
TAL Metals and Mercury (mg/Kg)						
Aluminum		7210	19600	7170	19400	19200
Antimony		1.6 U	1.6 U	2.3 U	1.7 U	1.5 U
Arsenic		2.9	12.7 J	1.5 B	9.9	31.5 J
Barium		45	116	62.1	260	114
Beryllium		0.49 B	0.91 B	0.37 B	1.1 B	0.72 B
Cadmium		0.11 U	0.11 U	0.18 U	0.12 U	0.1 U
Calcium		3120	1500	3030	2590	2890
Chromium		10.9	26.6	10.1	22.5	28.4
Cobalt		11.4	18.8	6.5 B	17	28.7
Copper		22	39.9	12.2	37.9 J	57.8
Iron		20000	39600	13000	38100	44500
Lead		9.8	26	13.3	16.7	25.5
Magnesium		4930	10100	3350	8490	11800
Manganese		396	1140	85.6	454	1330
Nickel		19.9	39.9	11.8	43.6	49.4
Potassium		881 B	1190	529 B	1460	1420
Selenium		0.42 U	0.43 UJ	0.96 U	0.44 U	0.4 UJ
Silver		0.33 U	0.34 U	0.35 U	0.35 U	0.32 U
Sodium		122 U	123 U	119 U	126 U	115 U
Thallium		0.94 U	1.6 B	1.7 U	0.97 U	2.1 B
Vanadium		14	31.6	15.3	30.2	34.4
Zinc		65.6	93.4	55.4	97.5	112
Mercury		0.05 U	0.05 U	0.06 U	0.06 U	0.05 U
Total Cyanide (mg/Kg)						
Cyanide Tot.		0.13 U	0.14 U	0.15 U	0.14 U	0.13 U
Percent Solids (%)						
Percent Solids, 105DegC		91	88	81	86	95

Table D-7-2
Complete Analytical Data Summary for Subsurface Soil Samples from the NYS Canal Corporation/Allco/Leyerle Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
ft = Feet.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NCC = NYS Canal Corporation / Allco / Leyerle site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date:	NCC-SW01 10/2/2003	NCC-SW02 10/1/2003	NCC-SW03 10/2/2003	NCC-SW04 10/2/2003	NCC-SW04/D 10/2/2003	NCC-SW05 10/1/2003	NCC-SW06 10/2/2003
TCL Volatile Organic Compounds (µg/L)								
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		**10 R**	**10 R**	**10 R**	**10 R**	**10 R**	**10 R**	**10 R**
1,2-Dibromoethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Butanone		10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
2-Hexanone		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-Pentanone		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SW01 Date: 10/2/2003	NCC-SW02 10/1/2003	NCC-SW03 10/2/2003	NCC-SW04 10/2/2003	NCC-SW04/D 10/2/2003	NCC-SW05 10/1/2003	NCC-SW06 10/2/2003
Dichlorodifluoromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isopropylbenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methyl Acetate	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U
Methyl tert-Butyl Ether	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylcyclohexane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylene Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Styrene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Xylenes (Total)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)							
1,1'-Biphenyl	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U	25 U	25 U	25 U	25 U
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date:	NCC-SW01 10/2/2003	NCC-SW02 10/1/2003	NCC-SW03 10/2/2003	NCC-SW04 10/2/2003	NCC-SW04/D 10/2/2003	NCC-SW05 10/1/2003	NCC-SW06 10/2/2003
3-Nitroaniline		25 U	25 U	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol		25 UJ	25 U	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline		25 U	25 U	25 U	25 U	25 U	25 U	25 U
4-Nitrophenol		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
Acenaphthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzaldehyde		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Caprolactam		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-Butylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-Octylphthalate		10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date:	NCC-SW01 10/2/2003	NCC-SW02 10/1/2003	NCC-SW03 10/2/2003	NCC-SW04 10/2/2003	NCC-SW04/D 10/2/2003	NCC-SW05 10/1/2003	NCC-SW06 10/2/2003
Fluoranthene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
n-Nitroso Diphenylamine		10 U	10 U	10 U	10 U	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol		25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
Phenanthrene		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol		10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
TCL Pesticides and PCBs (µg/L)								
4,4'-DDD		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aldrin		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-Chlordane		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1221		2 U	2 U	2 U	2 U	2 U	2 U	2 U
Aroclor-1232		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1242		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1248		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1254		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Aroclor-1260		1 U	1 U	1 U	1 U	1 U	1 U	1 U
Beta-BHC		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BBHC		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date:	NCC-SW01 10/2/2003	NCC-SW02 10/1/2003	NCC-SW03 10/2/2003	NCC-SW04 10/2/2003	NCC-SW04/D 10/2/2003	NCC-SW05 10/1/2003	NCC-SW06 10/2/2003
Endosulfan I		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Ketone		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-Chlordane		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide		0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene		5 U	5 U	5 U	5 U	5 U	5 U	5 U
TAL Metals and Mercury (µg/L)								
Aluminum		**107 B**	19 U	19 U	19 U	19 U	**231**	**40.3 B**
Antimony		7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U
Arsenic		4.4 UJ	4.4 UJ	4.4 UJ	4.4 UJ	4.4 UJ	4.4 UJ	4.4 UJ
Barium		**57 B**	**52.2 B**	**28.9 B**	**28.9 B**	**30 B**	**52.9 B**	**36.5 B**
Beryllium		0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Calcium		**34800**	**42200**	**33500**	**37300**	**37500**	**51400**	**53000**
Chromium		1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	**1.2 B**
Cobalt		1.4 U	**1.7 B**	**2.4 B**	1.4 U	1.4 U	1.4 U	1.4 U
Copper		**9.6 B**	**3 B**	**1.2 B**	**1.2 B**	**2.4 B**	1.2 U	1.2 U
Iron		**4500**	**333**	**1240**	**51.7 B**	**63.8 B**	**683**	**133**
Lead		**2.8 B**	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
Magnesium		**9000**	**12100**	**9870**	**11300**	**11400**	**14000**	**16000**
Manganese		**108**	**20.5**	**422**	**151**	**156**	**110**	**34.4**
Nickel		**3.6 B**	**3.3 B**	**2 B**	1.8 U	**3 B**	**2.2 B**	**3.5 B**
Potassium		**2080 B**	**2040 B**	**1240 B**	**1310 B**	**1270 B**	**1860 B**	**2140 B**
Selenium		1.9 U	1.9 U	1.9 U	**3.1 BJ**	1.9 U	1.9 U	1.9 U
Silver		1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Sodium		**2380 B**	**3270 B**	**4120 B**	**4870 B**	**4230 B**	**4990 B**	**27600 J**
Thallium		4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SW01 Date: 10/2/2003	NCC-SW02 10/1/2003	NCC-SW03 10/2/2003	NCC-SW04 10/2/2003	NCC-SW04/D 10/2/2003	NCC-SW05 10/1/2003	NCC-SW06 10/2/2003
Vanadium	**2.9 B**	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U	1.6 U
Zinc	**44.5 J**	**24.4 J**	**21.7 J**	**19.3 B**	**21 J**	**23.9 J**	**21.9 J**
Mercury	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Total Cyanide (µg/L)							
Cyanide Tot.	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Anions (mg/L)							
Bromide	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Chloride	**1.4**	**3.81**	**1.48**	**5.31**	**5.32**	**5.86**	**50.9**
Fluoride	**0.164**	**0.102**	**0.125**	**0.122**	**0.13**	**0.179**	**0.14**
Nitrate-N	**0.0982 J**	**0.104**	**0.131**	0.100 U	0.100 U	0.100 U	**0.251**
Nitrite-N	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Phosphate	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
Sulfate	**15.5**	**52.9**	**5.84**	**3.38**	**3.4**	**24.7**	**19.6**
Hardness (mg/L)							
Hardness (As CaCO3)	**310**	**310**	**305**	**250**	**235**	**360**	**330**

Table D-7-3
Complete Analytical Data Summary for Surface Water Samples from the NYS Canal Corporation/Allco/Leyerle Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

/D = Duplicate sample.

J = The reported value is an estimated quantity.

JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.

mg/L = Milligrams per liter

NCC = NYS Canal Corporation / Allco / Leyerle site.

PCB = Polychlorinated biphenyl.

R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.

SW = Surface water sample.

TAL = Target Analyte List.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.

µg/L = Micrograms per liter.

- = Sample was not analyzed for this parameter.

Source: Ecology and Environment, Inc., 2004

Table D-7-4
Complete Analytical Data Summary for Sediment Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SE01	NCC-SE02	NCC-SE03	NCC-SE04	NCC-SE05	NCC-SE06	NCC-SE06/D
	Date:	10/2/2003	10/1/2003	10/2/2003	10/2/2003	10/1/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)								
1,1,1-Trichloroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,1,2,2-Tetrachloroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,1,2-Trichloroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,1-Dichloroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,1-Dichloroethene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,2,4-Trichlorobenzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,2-Dibromo-3-Chloropropane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,2-Dibromoethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,2-Dichlorobenzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,2-Dichloroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,2-Dichloropropane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,3-Dichlorobenzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
1,4-Dichlorobenzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
2-Butanone		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
2-Hexanone		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
4-Methyl-2-Pentanone		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Acetone		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Benzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Bromodichloromethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Bromoform		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Bromomethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Carbon Disulfide		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Carbon Tetrachloride		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Chlorobenzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Chloroethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Chloroform		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Chloromethane		85 UJ	59 UJ	37 UJ	25 UJ	**0.7 J**	11 U	--
cis-1,2-Dichloroethene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
cis-1,3-Dichloropropene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Cyclohexane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Dibromochloromethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Dichlorodifluoromethane		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--
Ethylbenzene		85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	--

Table D-7-4
Complete Analytical Data Summary for Sediment Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SE01 Date: 10/2/2003 Depth: 0 - 2 in	NCC-SE02 10/1/2003 0 - 2 in	NCC-SE03 10/2/2003 0 - 2 in	NCC-SE04 10/2/2003 0 - 2 in	NCC-SE05 10/1/2003 0 - 2 in	NCC-SE06 10/2/2003 0 - 2 in	NCC-SE06/D 10/2/2003 0 - 2 in
Isopropylbenzene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Methyl Acetate	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Methyl tert-Butyl Ether	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Methylcyclohexane	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Methylene Chloride	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Styrene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Tetrachloroethene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Toluene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
trans-1,2-Dichloroethene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
trans-1,3-Dichloropropene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Trichloroethene	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Trichlorofluoromethane	85 UJ	59 UJ	37 UJ	25 UJ	18 U	**0.4 J**	- -
Vinyl Chloride	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
Xylenes (Total)	85 UJ	59 UJ	37 UJ	25 UJ	18 U	11 U	- -
TCL Semivolatile Organic Compounds (µg/Kg)							
1,1'-Biphenyl	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2,2'-Oxybis(1- Chloropropane)	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2,4,5-Trichlorophenol	5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 U	1100 U	- -
2,4,6-Trichlorophenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2,4-Dichlorophenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2,4-Dimethylphenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2,4-Dinitrophenol	5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 UJ	1100 UJ	- -
2,4-Dinitrotoluene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2,6-Dinitrotoluene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2-Chloronaphthalene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2-Chlorophenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2-Methylnaphthalene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2-Methylphenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
2-Nitroaniline	5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 U	1100 UJ	- -
2-Nitrophenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
3,3'-Dichlorobenzidine	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
3-Nitroaniline	5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 U	1100 U	- -
4,6-Dinitro-2-Methylphenol	5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 UJ	1100 U	- -
4-Bromophenyl-Phenylether	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
4-Chloro-3-Methylphenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -

Table D-7-4
Complete Analytical Data Summary for Sediment Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID:	NCC-SE01	NCC-SE02	NCC-SE03	NCC-SE04	NCC-SE05	NCC-SE06	NCC-SE06/D
	Date:	10/2/2003	10/1/2003	10/2/2003	10/2/2003	10/1/2003	10/2/2003	10/2/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
4-Chloroaniline		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
4-Chlorophenyl-Phenyl Ether		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
4-Methylphenol		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
4-Nitroaniline		5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 U	1100 U	- -
4-Nitrophenol		5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 UJ	1100 UJ	- -
Acenaphthene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Acenaphthylene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Acetophenone		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Anthracene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Atrazine		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Benzaldehyde		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 UJ	420 UJ	- -
Benzo(a)anthracene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Benzo(a)pyrene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Benzo(b)fluoranthene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Benzo(g,h,i)perylene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Benzo(k)fluoranthene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Bis(2-Chloroethoxy)Methane		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Bis-(2-Chloroethyl)Ether		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Bis(2-Ethylhexyl)Phthalate		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Butylbenzylphthalate		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Caprolactam		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Carbazole		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Chrysene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Dibenzo(a,h)-anthracene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Dibenzofuran		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Diethylphthalate		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Dimethylphthalate		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Di-n-Butylphthalate		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Di-n-Octylphthalate		**860 J**	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Fluoranthene		2200 UJ	1600 UJ	**240 J**	770 UJ	580 U	420 U	- -
Fluorene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Hexachlorobenzene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Hexachlorobutadiene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Hexachlorocyclo-Pentadiene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Hexachloroethane		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Indeno(1,2,3-cd)-pyrene		2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -

Table D-7-4
Complete Analytical Data Summary for Sediment Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-SE01 Date: 10/2/2003 Depth: 0 - 2 in	NCC-SE02 10/1/2003 0 - 2 in	NCC-SE03 10/2/2003 0 - 2 in	NCC-SE04 10/2/2003 0 - 2 in	NCC-SE05 10/1/2003 0 - 2 in	NCC-SE06 10/2/2003 0 - 2 in	NCC-SE06/D 10/2/2003 0 - 2 in
Isophorone	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Naphthalene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Nitrobenzene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
n-Nitroso Diphenylamine	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
n-Nitroso-Di-n Propylamine	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Pentachlorophenol	5500 UJ	4000 UJ	2800 UJ	1900 UJ	1500 UJ	1100 UJ	- -
Phenanthrene	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Phenol	2200 UJ	1600 UJ	1100 UJ	770 UJ	580 U	420 U	- -
Pyrene	2200 UJ	1600 UJ	**250 J**	770 UJ	580 UJ	420 UJ	- -
TCL Pesticide and PCBs (µg/Kg)							
4,4'-DDD	22 UJ	16 UJ	11 UJ	7.7 UJ	5.8 U	4.2 U	- -
4,4'-DDE	**15 J**	16 UJ	**3.6 J**	7.7 UJ	5.8 U	4.2 UJ	- -
4,4'-DDT	22 UJ	**26 J**	11 UJ	7.7 UJ	5.8 U	4.2 U	- -
Aldrin	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -
Alpha-BHC	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 UJ	2.2 U	- -
Alpha-Chlordane	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -
Aroclor-1016	220 UJ	160 UJ	110 UJ	77 UJ	58 U	42 U	- -
Aroclor-1221	450 UJ	320 UJ	220 UJ	160 UJ	120 U	85 U	- -
Aroclor-1232	220 UJ	160 UJ	110 UJ	77 UJ	58 U	42 U	- -
Aroclor-1242	220 UJ	160 UJ	110 UJ	77 UJ	58 U	42 U	- -
Aroclor-1248	220 UJ	160 UJ	110 UJ	77 UJ	58 U	42 U	- -
Aroclor-1254	220 UJ	160 UJ	110 UJ	77 UJ	58 U	42 U	- -
Aroclor-1260	220 UJ	160 UJ	110 UJ	77 UJ	58 U	42 U	- -
Beta-BHC	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -
Delta-BBHC	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -
Dieldrin	22 UJ	16 UJ	11 UJ	7.7 UJ	5.8 U	4.2 U	- -
Endosulfan I	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -
Endosulfan II	22 UJ	16 UJ	11 UJ	7.7 UJ	5.8 U	4.2 UJ	- -
Endosulfan Sulfate	22 UJ	16 UJ	11 UJ	7.7 UJ	5.8 U	4.2 U	- -
Endrin	22 UJ	**3.9 J**	11 UJ	7.7 UJ	5.8 U	4.2 U	- -
Endrin Aldehyde	22 UJ	**35 J**	11 UJ	7.7 UJ	5.8 U	4.2 UJ	- -
Endrin Ketone	22 UJ	16 UJ	11 UJ	7.7 UJ	5.8 U	4.2 UJ	- -
Gamma-BHC (Lindane)	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 UJ	2.2 U	- -
Gamma-Chlordane	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 UJ	- -
Heptachlor	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -
Heptachlor Epoxide	11 UJ	8.1 UJ	5.7 UJ	4 UJ	3 U	2.2 U	- -

Table D-7-4
Complete Analytical Data Summary for Sediment Samples
from the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: / Date: / Depth:	NCC-SE01 10/2/2003 0 - 2 in	NCC-SE02 10/1/2003 0 - 2 in	NCC-SE03 10/2/2003 0 - 2 in	NCC-SE04 10/2/2003 0 - 2 in	NCC-SE05 10/1/2003 0 - 2 in	NCC-SE06 10/2/2003 0 - 2 in	NCC-SE06/D 10/2/2003 0 - 2 in
Methoxychlor		110 UJ	81 UJ	57 UJ	40 UJ	30 U	22 U	- -
Toxaphene		1100 UJ	810 UJ	570 UJ	400 UJ	300 U	220 U	- -
TAL Metals and Mercury (mg/Kg)								
Aluminum		**1510**	**2270 J**	**5670**	**10700**	**10200**	**7570**	- -
Antimony		2.6 U	2.9 UJ	2.8 U	2.6 U	2.2 U	1.9 U	- -
Arsenic		1.6 U	1.8 UJ	**2.7 B**	**6.8**	**5.7**	**5.4**	- -
Barium		**52.6 B**	**123 J**	**112**	**257**	**117**	**80.5**	- -
Beryllium		**0.18 B**	**0.22 BJ**	**0.43 B**	**0.68 B**	**0.57 B**	**0.4 B**	- -
Cadmium		**0.44 B**	0.2 UJ	**0.2 B**	0.18 U	0.15 U	0.13 U	- -
Calcium		**7150**	**9400 J**	**5190**	**6100**	**6890**	**3240**	- -
Chromium		**2.7 B**	**5.5 J**	**8**	**12.1**	**13**	**10.4**	- -
Cobalt		**0.72 B**	0.57 UJ	**6.6 B**	**10.3 B**	**13.1 B**	**9 B**	- -
Copper		**16.2 J**	**16.9 J**	**23.6 J**	**20 J**	**28.6**	**19 J**	- -
Iron		**2110**	**1920 J**	**11400**	**25200**	**23800**	**21900**	- -
Lead		**52.8**	**32.9 J**	**26.5**	**31.2**	**14.8**	**15.3**	- -
Magnesium		**736 B**	**1150 BJ**	**2300**	**3600**	**5970**	**4490**	- -
Manganese		**24**	**27.7 J**	**429**	**3990**	**387**	**835**	- -
Nickel		**4.6 B**	**4.3 BJ**	**14.2 B**	**22.4**	**23.1**	**18.3**	- -
Potassium		**76.3 B**	**145 BJ**	**388 B**	**1300 B**	**727 B**	**787 B**	- -
Selenium		**1.5 B**	0.77 UJ	**1.1 B**	0.68 U	0.58 UJ	0.51 U	- -
Silver		0.54 U	0.61 UJ	0.58 U	0.54 U	0.46 UJ	0.4 U	- -
Sodium		198 U	221 UJ	211 U	**624 B**	167 U	**352 B**	- -
Thallium		1.5 U	1.7 UJ	1.6 U	1.5 U	1.3 U	1.1 U	- -
Vanadium		**10.1 B**	**6.3 BJ**	**14.1 B**	**19.8**	**16.2**	**12.6 B**	- -
Zinc		**49.6**	**46.1 J**	**89.1**	**108**	**68.9**	**63.6**	- -
Mercury		0.08 U	**0.1 BJ**	0.1 U	0.09 U	0.07 U	0.06 U	- -
Total Cyanide (mg/Kg)								
Cyanide Tot.		0.85 U	0.58 U	**0.43**	**0.79**	0.21 U	0.17 UL	- -
Total Organic Carbon (mg/Kg)								
Organic Carbon, Tot.		**250000**	**240000**	**170000**	**61000**	**8400**	**8100**	**8600**
Percent Solids (%)								
Percent Solids, 105DegC		**14**	**21**	**32**	**41**	**58**	**72**	- -

Table D-7-4
Complete Analytical Data Summary for Sediment Samples from the NYS Canal Corporation/Allco/Leyerle Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
NCC = NYS Canal Corporation / Allco / Leyerle site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SE = Sediment sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-7-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-GP01-GW Date: 10/15/2003	NCC-GP03-GW 10/15/2003
TCL Volatile Organic Compounds (µg/L)		
1,1,1-Trichloroethane	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U
1,1-Dichloroethane	10 U	10 U
1,1-Dichloroethene	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U
1,2-Dibromo-3-Chloropropane	10 U	10 U
1,2-Dibromoethane	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U
1,2-Dichloroethane	10 U	10 U
1,2-Dichloropropane	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U
2-Butanone	10 U	10 UJ
2-Hexanone	10 U	10 UJ
4-Methyl-2-Pentanone	10 U	10 UJ
Acetone	10 UJ	10 U
Benzene	10 U	10 U
Bromodichloromethane	10 U	10 U
Bromoform	10 U	10 U
Bromomethane	10 U	10 U
Carbon Disulfide	10 U	10 U
Carbon Tetrachloride	10 U	10 U
Chlorobenzene	10 U	10 U
Chloroethane	10 U	10 U
Chloroform	10 U	10 U
Chloromethane	10 U	10 U
cis-1,2-Dichloroethene	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U
Cyclohexane	10 U	10 U
Dibromochloromethane	10 U	10 U
Dichlorodifluoromethane	10 U	10 U
Ethylbenzene	10 U	10 U
Isopropylbenzene	10 U	10 U
Methyl Acetate	10 UJ	10 U
Methyl tert-Butyl Ether	10 U	10 U
Methylcyclohexane	10 U	10 U
Methylene Chloride	10 U	10 U
Styrene	10 U	10 U
Tetrachloroethene	10 U	10 UJ
Toluene	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U
Trichloroethene	10 U	10 U
Trichlorofluoromethane	10 U	10 U
Vinyl Chloride	10 U	10 U

Table D-7-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the NYS Canal Corporation/Allco/Leyerle Site

Analyte / Sample ID: / Date:	NCC-GP01-GW 10/15/2003	NCC-GP03-GW 10/15/2003
Xylenes (Total)	10 U	10 U
TCL Semivolatile Organic Compounds (µg/L)		
1,1'-Biphenyl	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U
2,4,6-Trichlorophenol	10 U	10 U
2,4-Dichlorophenol	10 U	10 U
2,4-Dimethylphenol	10 U	10 U
2,4-Dinitrophenol	25 UJ	25 UJ
2,4-Dinitrotoluene	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U
2-Chloronaphthalene	10 U	10 U
2-Chlorophenol	10 U	10 U
2-Methylnaphthalene	10 U	10 U
2-Methylphenol	10 U	10 U
2-Nitroaniline	25 U	25 U
2-Nitrophenol	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 U
3-Nitroaniline	25 U	25 U
4,6-Dinitro-2-Methylphenol	25 U	25 U
4-Bromophenyl-Phenylether	10 U	10 U
4-Chloro-3-Methylphenol	10 U	10 U
4-Chloroaniline	10 U	10 U
4-Chlorophenyl-Phenyl Ether	10 U	10 U
4-Methylphenol	10 U	10 U
4-Nitroaniline	25 UJ	25 UJ
4-Nitrophenol	25 UJ	25 UJ
Acenaphthene	10 U	10 U
Acenaphthylene	10 U	10 U
Acetophenone	10 U	10 U
Anthracene	10 U	10 U
Atrazine	10 U	10 U
Benzaldehyde	10 UJ	10 UJ
Benzo(a)anthracene	10 U	10 U
Benzo(a)pyrene	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U
Bis(2-Chloroethoxy)Methane	10 U	10 U
Bis-(2-Chloroethyl)Ether	10 U	10 U
Bis(2-Ethylhexyl)Phthalate	10 U	10 U
Butylbenzylphthalate	10 U	10 U
Caprolactam	10 U	10 U
Carbazole	10 U	10 U
Chrysene	10 U	10 U
Dibenzo(a,h)-anthracene	10 U	10 U
Dibenzofuran	10 U	10 U
Diethylphthalate	10 U	10 U

Table D-7-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the NYS Canal Corporation/Allco/Leyerle Site

Analyte	Sample ID: NCC-GP01-GW Date: 10/15/2003	NCC-GP03-GW 10/15/2003
Dimethylphthalate	10 U	10 U
Di-n-Butylphthalate	10 U	10 U
Di-n-Octylphthalate	10 U	10 U
Fluoranthene	10 U	10 U
Fluorene	10 U	10 U
Hexachlorobenzene	10 U	10 U
Hexachlorobutadiene	10 U	10 U
Hexachlorocyclo-Pentadiene	10 U	10 U
Hexachloroethane	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U
Isophorone	10 U	10 U
Naphthalene	10 U	10 U
Nitrobenzene	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U
Pentachlorophenol	25 U	25 U
Phenanthrene	10 U	10 U
Phenol	10 U	10 U
Pyrene	10 U	10 U
TCL Pesticides and PCBs (µg/L)		
4,4'-DDD	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U
Aroclor-1016	1 U	1 U
Aroclor-1221	2 U	2 U
Aroclor-1232	1 U	1 U
Aroclor-1242	1 U	1 U
Aroclor-1248	1 U	1 U
Aroclor-1254	1 U	1 U
Aroclor-1260	1 U	1 U
Beta-BHC	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U
Endrin	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U
Toxaphene	5 U	5 U

Table D-7-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the NYS Canal Corporation/Allco/Leyerle Site

Analyte / Sample ID: / Date:	NCC-GP01-GW 10/15/2003	NCC-GP03-GW 10/15/2003
TAL Metals and Mercury (µg/L)		
Aluminum	27.7 U	27.7 U
Antimony	9.2 U	**11.2 B**
Arsenic	5.8 U	5.8 U
Barium	**23.8 B**	**27.8 B**
Beryllium	**0.15 B**	**0.19 B**
Cadmium	0.7 U	0.7 U
Calcium	**144000**	**294000**
Chromium	1 U	**1.6 B**
Cobalt	**2.9 B**	**4.2 B**
Copper	**1.2 B**	1 U
Iron	27.9 U	27.9 U
Lead	2.2 U	2.2 U
Magnesium	**46800**	**167000**
Manganese	**80.2**	**583**
Nickel	2.3 U	**2.5 B**
Potassium	**2620 B**	**12200 J**
Selenium	3.8 U	3.8 U
Silver	1.4 U	1.4 U
Sodium	**15500 J**	**25700 J**
Thallium	6.8 U	6.8 U
Vanadium	0.9 U	0.9 U
Zinc	**31.6**	**26**
Mercury	0.1 UJ	0.1 UJ
Total Cyanide (µg/L)		
Cyanide Tot.	5 U	5 U

Table D-7-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the NYS Canal Corporation/Allco/Leyerle Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
GW = Groundwater sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
NCC = NYS Canal Corporation / Allco / Leyerle site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Source: Ecology and Environment, Inc., 2004

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS01	BBA-SS02	BBA-SS03	BBA-SS04	BBA-SS05	BBA-SS05/D	BBA-SS08	BBA-SS09
	Date:	10/3/2003	10/3/2003	10/3/2003	10/6/2003	10/3/2003	10/3/2003	10/7/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)									
1,1,1-Trichloroethane		--	10 U	--	--	--	--	--	--
1,1,2,2-Tetrachloroethane		--	10 U	--	--	--	--	--	--
1,1,2-Trichloro-1,2,2-Trifluoroethane		--	10 U	--	--	--	--	--	--
1,1,2-Trichloroethane		--	10 U	--	--	--	--	--	--
1,1-Dichloroethane		--	10 U	--	--	--	--	--	--
1,1-Dichloroethene		--	10 U	--	--	--	--	--	--
1,2,4-Trichlorobenzene		--	10 U	--	--	--	--	--	--
1,2-Dibromo-3-Chloropropane		--	**10 R**	--	--	--	--	--	--
1,2-Dibromoethane		--	10 U	--	--	--	--	--	--
1,2-Dichlorobenzene		--	10 U	--	--	--	--	--	--
1,2-Dichloroethane		--	10 U	--	--	--	--	--	--
1,2-Dichloropropane		--	10 U	--	--	--	--	--	--
1,3-Dichlorobenzene		--	10 U	--	--	--	--	--	--
1,4-Dichlorobenzene		--	10 U	--	--	--	--	--	--
2-Butanone		--	10 U	--	--	--	--	--	--
2-Hexanone		--	10 UJ	--	--	--	--	--	--
4-Methyl-2-Pentanone		--	10 U	--	--	--	--	--	--
Acetone		--	18 U	--	--	--	--	--	--
Benzene		--	10 U	--	--	--	--	--	--
Bromodichloromethane		--	10 U	--	--	--	--	--	--
Bromoform		--	10 U	--	--	--	--	--	--
Bromomethane		--	10 U	--	--	--	--	--	--
Carbon Disulfide		--	10 U	--	--	--	--	--	--
Carbon Tetrachloride		--	10 U	--	--	--	--	--	--
Chlorobenzene		--	10 U	--	--	--	--	--	--
Chloroethane		--	10 U	--	--	--	--	--	--
Chloroform		--	10 U	--	--	--	--	--	--
Chloromethane		--	10 U	--	--	--	--	--	--
cis-1,2-Dichloroethene		--	10 U	--	--	--	--	--	--
cis-1,3-Dichloropropene		--	10 U	--	--	--	--	--	--
Cyclohexane		--	10 U	--	--	--	--	--	--

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS01	BBA-SS02	BBA-SS03	BBA-SS04	BBA-SS05	BBA-SS05/D	BBA-SS08	BBA-SS09
	Date:	10/3/2003	10/3/2003	10/3/2003	10/6/2003	10/3/2003	10/3/2003	10/7/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dibromochloromethane		--	10 U	--	--	--	--	--	--
Dichlorodifluoromethane		--	10 U	--	--	--	--	--	--
Ethylbenzene		--	**110**	--	--	--	--	--	--
Isopropylbenzene		--	**69**	--	--	--	--	--	--
Methyl Acetate		--	**4 J**	--	--	--	--	--	--
Methyl tert-Butyl Ether		--	10 U	--	--	--	--	--	--
Methylcyclohexane		--	**14**	--	--	--	--	--	--
Methylene Chloride		--	10 U	--	--	--	--	--	--
Styrene		--	10 U	--	--	--	--	--	--
Tetrachloroethene		--	10 U	--	--	--	--	--	--
Toluene		--	**25**	--	--	--	--	--	--
trans-1,2-Dichloroethene		--	10 U	--	--	--	--	--	--
trans-1,3-Dichloropropene		--	10 U	--	--	--	--	--	--
Trichloroethene		--	10 U	--	--	--	--	--	--
Trichlorofluoromethane		--	10 U	--	--	--	--	--	--
Vinyl Chloride		--	10 U	--	--	--	--	--	--
Xylenes (Total)		--	**910 J**	--	--	--	--	--	--
TCL Semivolatile Organic Compounds (µg/Kg)									
1,1'-Biphenyl		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2,2'-Oxybis(1- Chloropropane)		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2,4,5-Trichlorophenol		1200 U	860 U	950 U	1600 U	990 U	990 U	890 U	1200 U
2,4,6-Trichlorophenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2,4-Dichlorophenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2,4-Dimethylphenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2,4-Dinitrophenol		1200 UJ	860 U	950 UJ	1600 UJ	990 UJ	990 UJ	890 UJ	1200 UJ
2,4-Dinitrotoluene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2,6-Dinitrotoluene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2-Chloronaphthalene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2-Chlorophenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2-Methylnaphthalene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2-Methylphenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
2-Nitroaniline		1200 U	860 U	950 U	1600 U	990 U	990 U	890 U	1200 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS01	BBA-SS02	BBA-SS03	BBA-SS04	BBA-SS05	BBA-SS05/D	BBA-SS08	BBA-SS09
	Date:	10/3/2003	10/3/2003	10/3/2003	10/6/2003	10/3/2003	10/3/2003	10/7/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
2-Nitrophenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
3,3'-Dichlorobenzidine		480 U	340 UJ	380 U	650 U	390 U	390 U	350 U	460 U
3-Nitroaniline		1200 U	860 U	950 U	1600 U	990 U	990 U	890 U	1200 U
4,6-Dinitro-2-Methylphenol		1200 U	860 U	950 U	1600 U	990 U	990 U	890 U	1200 U
4-Bromophenyl-Phenylether		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
4-Chloro-3-Methylphenol		480 U	340 U	380 U	650 U	390 U	**94 J**	350 U	460 U
4-Chloroaniline		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
4-Chlorophenyl-Phenyl Ether		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
4-Methylphenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
4-Nitroaniline		1200 U	860 U	950 U	1600 U	990 U	990 U	890 U	1200 U
4-Nitrophenol		1200 U	860 UJ	950 U	1600 U	990 U	990 U	890 U	1200 U
Acenaphthene		480 U	**230 J**	380 U	650 U	390 U	390 U	350 U	460 U
Acenaphthylene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Acetophenone		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Anthracene		480 U	**320 J**	380 U	650 U	390 U	**91 J**	350 U	460 U
Atrazine		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Benzaldehyde		**130 J**	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Benzo(a)anthracene		480 U	340 U	380 U	650 U	390 U	**110 J**	350 U	**110 J**
Benzo(a)pyrene		480 U	340 U	380 U	650 U	**110 J**	**86 J**	350 U	460 U
Benzo(b)fluoranthene		480 U	340 U	380 U	650 U	**190 J**	**270 J**	350 U	**200 J**
Benzo(g,h,i)perylene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Benzo(k)fluoranthene		480 U	340 U	380 U	650 U	**130 J**	**190 J**	350 U	**110 J**
Bis(2-Chloroethoxy)Methane		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Bis-(2-Chloroethyl)Ether		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Bis(2-Ethylhexyl)Phthalate		480 U	**350**	**460**	650 U	390 U	390 U	350 U	460 U
Butylbenzylphthalate		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Caprolactam		480 U	340 U	380 U	650 U	390 U	**160 J**	350 U	460 U
Carbazole		480 U	340 UJ	380 U	650 U	390 U	390 U	350 U	460 U
Chrysene		**100 J**	**110 J**	380 U	650 U	**170 J**	**330 J**	350 U	**190 J**
Dibenzo(a,h)-anthracene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Dibenzofuran		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Diethylphthalate		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS01	BBA-SS02	BBA-SS03	BBA-SS04	BBA-SS05	BBA-SS05/D	BBA-SS08	BBA-SS09
	Date:	10/3/2003	10/3/2003	10/3/2003	10/6/2003	10/3/2003	10/3/2003	10/7/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dimethylphthalate		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Di-n-Butylphthalate		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Di-n-Octylphthalate		480 U	**120 J**	380 U	650 U	390 U	390 U	350 U	460 U
Fluoranthene		**120 J**	340 U	380 U	650 U	**130 J**	**200 J**	350 U	**240 J**
Fluorene		480 U	**570**	380 U	650 U	390 U	390 U	350 U	460 U
Hexachlorobenzene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Hexachlorobutadiene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Hexachlorocyclo-Pentadiene		480 U	340 UJ	380 U	650 U	390 U	390 U	350 U	460 U
Hexachloroethane		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Indeno(1,2,3-cd)-pyrene		480 U	340 U	380 U	650 U	390 U	**120 J**	350 U	460 U
Isophorone		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Naphthalene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Nitrobenzene		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
n-Nitroso Diphenylamine		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
n-Nitroso-Di-n Propylamine		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Pentachlorophenol		1200 U	860 U	950 U	1600 U	990 U	990 U	890 U	1200 U
Phenanthrene		480 U	**1300**	380 U	650 U	**83 J**	**180 J**	350 U	460 U
Phenol		480 U	340 U	380 U	650 U	390 U	390 U	350 U	460 U
Pyrene		**110 J**	**540**	380 U	650 U	**130 J**	**210 J**	350 U	**220 J**
TCL Pesticides and PCBs (µg/Kg)									
4,4'-DDD		4.8 U	3.4 U	**2 J**	**3.8 J**	**4.6 J**	3.9 U	3.5 U	4.6 U
4,4'-DDE		4.8 U	3.4 U	3.8 U	**20**	3.9 U	3.9 U	**2 J**	**6.6 J**
4,4'-DDT		**2 J**	**3.2 J**	3.8 U	**11**	**6.7**	**8.2 JN**	3.5 U	**6.9 J**
Aldrin		2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Alpha-BHC		2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Alpha-Chlordane		2.5 U	1.8 U	2 U	**6.2**	2 U	2 U	1.8 U	2.4 U
Aroclor-1016		48 U	34 U	38 U	65 U	39 U	39 U	35 U	46 U
Aroclor-1221		97 U	70 U	77 U	130 U	80 U	80 U	72 U	93 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SS01 Date: 10/3/2003 Depth: 0 - 2 in	BBA-SS02 10/3/2003 0 - 2 in	BBA-SS03 10/3/2003 0 - 2 in	BBA-SS04 10/6/2003 0 - 2 in	BBA-SS05 10/3/2003 0 - 2 in	BBA-SS05/D 10/3/2003 0 - 2 in	BBA-SS08 10/7/2003 0 - 2 in	BBA-SS09 10/6/2003 0 - 2 in
Aroclor-1232	48 U	34 U	38 U	65 U	39 U	39 U	35 U	46 U
Aroclor-1242	48 U	34 U	38 U	65 U	39 U	39 U	35 U	46 U
Aroclor-1248	48 U	34 U	38 U	65 U	39 U	39 U	35 U	46 U
Aroclor-1254	48 U	34 U	38 U	65 U	39 U	39 U	35 U	46 U
Aroclor-1260	48 U	34 U	38 U	65 U	39 U	39 U	35 U	46 U
Beta-BHC	**3.6 JN**	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	**5.5 R**
Delta-BBHC	2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Dieldrin	4.8 U	3.4 U	3.8 U	3.5 UJ	3.9 U	**5 J**	3.5 U	4.6 U
Endosulfan I	2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Endosulfan II	4.8 U	3.4 U	3.8 U	6.5 U	3.9 U	3.9 U	3.5 U	4.6 U
Endosulfan Sulfate	4.8 U	**2.3 J**	3.8 U	6.5 U	3.9 U	3.9 U	3.5 U	4.6 U
Endrin	4.8 U	3.4 U	3.8 U	6.5 U	3.9 U	3.9 U	3.5 U	4.6 U
Endrin Aldehyde	4.8 U	3.4 U	3.8 U	6.5 U	3.9 U	3.9 U	3.5 U	4.6 U
Endrin Ketone	4.8 U	3.4 U	**9.6**	6.5 U	**6.5 JN**	**6.3 J**	3.5 U	4.6 U
Gamma-BHC (Lindane)	2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Gamma-Chlordane	2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Heptachlor	2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Heptachlor Epoxide	2.5 U	1.8 U	2 U	3.3 U	2 U	2 U	1.8 U	2.4 U
Methoxychlor	25 U	18 U	20 U	33 U	20 U	20 U	18 U	24 U
Toxaphene	250 U	180 U	200 U	330 U	200 U	200 U	180 U	240 U
Herbicides (µg/Kg)								
2,4,5-T	--	--	--	--	--	--	--	--
2,4,5-TP (SILVEX)	--	--	--	--	--	--	--	--
2,4-D	--	--	--	--	--	--	--	--
2,4-DB	--	--	--	--	--	--	--	--
Dalapon	--	--	--	--	--	--	--	--
Dicamba	--	--	--	--	--	--	--	--
Dichlorprop	--	--	--	--	--	--	--	--
Dinoseb	--	--	--	--	--	--	--	--
MCPA	--	--	--	--	--	--	--	--
MCPP	--	--	--	--	--	--	--	--

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SS01 Date: 10/3/2003 Depth: 0 - 2 in	BBA-SS02 10/3/2003 0 - 2 in	BBA-SS03 10/3/2003 0 - 2 in	BBA-SS04 10/6/2003 0 - 2 in	BBA-SS05 10/3/2003 0 - 2 in	BBA-SS05/D 10/3/2003 0 - 2 in	BBA-SS08 10/7/2003 0 - 2 in	BBA-SS09 10/6/2003 0 - 2 in
TAL Metals and Mercury (mg/Kg)								
Aluminum	6540	4970	5270	16300	727	785	4700	3640
Antimony	2 U	1.5 U	1.6 U	2.5 U	1.7 U	1.7 U	1.5 U	2 U
Arsenic	5.1	5	4.2	19.8	6.2 J	9.4 J	4.8 J	15.8
Barium	194	33.3 B	34.8 B	202	17.9 B	38.7 B	36.9 B	50.4 B
Beryllium	0.37 B	0.25 B	0.27 B	1.2 B	0.1 B	0.1 B	0.34 B	0.27 B
Cadmium	0.81 B	0.1 U	0.88 B	5	0.12 U	0.12 U	0.11 U	0.14 U
Calcium	6520	9220	2800	8360	1110 B	1040 B	1400	3560
Chromium	10	11.8	8.5	18.1	1.2 B	1.4 B	8.8	4.7
Cobalt	6.3 B	5.3 B	5.9 B	18.1	1.4 B	1.4 B	5.5 B	3.1 B
Copper	99.4 J	11.4 J	23.9 J	42.5	11	9.2	13.4	17.1
Iron	15300	12700	12000	33400	6060	7320	11300	13900
Lead	113	6.9	31.5	63.1	10.8	10.4	35.3	17.6
Magnesium	2930	4170	2940	6620	361 B	373 B	2430	1480
Manganese	512	275	493	1570 J	57.6 J	65.8 J	267 J	111 J
Nickel	23	11	10.8	30.3	2.3 B	2.9 B	10.6	7.8 B
Potassium	777 B	869 B	404 B	1640 B	196 B	187 B	287 B	511 B
Selenium	0.53 U	0.39 U	0.43 U	2.3 J	1.2 J	2.3 J	0.4 UJ	1.1 BJ
Silver	0.42 U	0.31 U	0.34 U	0.53 U	0.35 U	0.35 U	0.32 U	0.41 U
Sodium	153 U	113 U	123 U	326 B	195 B	127 U	120 B	194 B
Thallium	1.2 U	0.87 U	0.94 U	1.5 U	0.98 U	0.98 U	0.89 UR	1.2 U
Vanadium	14	7.3 B	8.8 B	65.1	4.7 B	4.8 B	13	17.6
Zinc	226	34	129	505	13.4	14.6	73.5	43.4
Mercury	0.07 U	0.05 U	0.06 U	0.14 BJ	0.14 J	0.34	0.11 J	0.08 BJ
Total Cyanide (mg/Kg)								
Cyanide Tot.	0.37	0.13 U	0.14 U	0.23 U	0.21	0.17 L	0.5	0.28
Total Petroleum Hydrocarbons (mg/Kg)								
n-Hexane Extractable Material	--	2590	--	--	--	--	--	--
Percent Moisture (wt%)								
Percent Moisture	--	3.63	--	--	--	--	--	--
Percent Solids (%)								
Percent Solids	66	95	88	52	85	85	96	70

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS10	BBA-SS11	BBA-SS12
	Date:	10/6/2003	10/6/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)				
1,1,1-Trichloroethane		- -	23 UJ	12 UJ
1,1,2,2-Tetrachloroethane		- -	**23 R**	12 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane		- -	23 UJ	12 U
1,1,2-Trichloroethane		- -	23 UJ	12 UJ
1,1-Dichloroethane		- -	23 UJ	12 U
1,1-Dichloroethene		- -	23 UJ	12 U
1,2,4-Trichlorobenzene		- -	**23 R**	12 UJ
1,2-Dibromo-3-Chloropropane		- -	**23 R**	12 UJ
1,2-Dibromoethane		- -	**23 R**	12 UJ
1,2-Dichlorobenzene		- -	**23 R**	12 UJ
1,2-Dichloroethane		- -	23 UJ	12 U
1,2-Dichloropropane		- -	23 UJ	12 UJ
1,3-Dichlorobenzene		- -	**23 R**	12 UJ
1,4-Dichlorobenzene		- -	**23 R**	12 UJ
2-Butanone		- -	23 UJ	12 U
2-Hexanone		- -	**23 R**	12 UJ
4-Methyl-2-Pentanone		- -	**23 R**	12 UJ
Acetone		- -	**120 J**	12 U
Benzene		- -	23 UJ	12 UJ
Bromodichloromethane		- -	23 UJ	12 UJ
Bromoform		- -	23 UJ	12 UJ
Bromomethane		- -	23 UJ	12 U
Carbon Disulfide		- -	**1 J**	12 U
Carbon Tetrachloride		- -	23 UJ	12 UJ
Chlorobenzene		- -	**23 R**	12 UJ
Chloroethane		- -	23 UJ	12 U
Chloroform		- -	23 UJ	12 U
Chloromethane		- -	23 UJ	12 U
cis-1,2-Dichloroethene		- -	23 UJ	12 U
cis-1,3-Dichloropropene		- -	23 UJ	12 UJ
Cyclohexane		- -	23 UJ	12 UJ

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS10	BBA-SS11	BBA-SS12
	Date:	10/6/2003	10/6/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
Dibromochloromethane		- -	23 UJ	12 UJ
Dichlorodifluoromethane		- -	23 UJ	12 U
Ethylbenzene		- -	**23 R**	12 UJ
Isopropylbenzene		- -	**23 R**	12 UJ
Methyl Acetate		- -	**10 J**	12 U
Methyl tert-Butyl Ether		- -	23 UJ	12 U
Methylcyclohexane		- -	23 UJ	12 UJ
Methylene Chloride		- -	23 UJ	12 U
Styrene		- -	**23 R**	12 UJ
Tetrachloroethene		- -	**23 R**	12 UJ
Toluene		- -	**5 J**	12 UJ
trans-1,2-Dichloroethene		- -	23 UJ	12 U
trans-1,3-Dichloropropene		- -	23 UJ	12 UJ
Trichloroethene		- -	23 UJ	12 UJ
Trichlorofluoromethane		- -	23 UJ	12 U
Vinyl Chloride		- -	23 UJ	12 U
Xylenes (Total)		- -	**23 R**	12 UJ
TCL Semivolatile Organic Compounds (µg/Kg)				
1,1'-Biphenyl		420 U	560 U	960 U
2,2'-Oxybis(1- Chloropropane)		420 U	560 U	960 U
2,4,5-Trichlorophenol		1100 U	1400 U	2400 U
2,4,6-Trichlorophenol		420 U	560 U	960 U
2,4-Dichlorophenol		420 U	560 U	960 U
2,4-Dimethylphenol		420 U	560 U	960 U
2,4-Dinitrophenol		1100 UJ	1400 U	2400 UJ
2,4-Dinitrotoluene		420 U	560 U	960 U
2,6-Dinitrotoluene		420 U	560 U	960 U
2-Chloronaphthalene		420 U	560 U	960 U
2-Chlorophenol		420 U	560 U	960 U
2-Methylnaphthalene		420 U	560 U	960 U
2-Methylphenol		420 U	560 U	960 U
2-Nitroaniline		1100 U	1400 U	2400 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SS10 Date: 10/6/2003 Depth: 0 - 2 In	BBA-SS11 10/6/2003 0 - 2 In	BBA-SS12 10/6/2003 0 - 2 In
2-Nitrophenol	420 U	560 U	960 U
3,3'-Dichlorobenzidine	420 U	560 UJ	960 UJ
3-Nitroaniline	1100 U	1400 U	2400 UJ
4,6-Dinitro-2-Methylphenol	1100 U	1400 U	2400 UJ
4-Bromophenyl-Phenylether	420 U	560 U	960 U
4-Chloro-3-Methylphenol	420 U	560 U	960 U
4-Chloroaniline	420 U	560 U	960 U
4-Chlorophenyl-Phenyl Ether	420 U	560 U	960 U
4-Methylphenol	420 U	560 U	960 U
4-Nitroaniline	1100 U	1400 U	2400 U
4-Nitrophenol	1100 U	1400 UJ	2400 UJ
Acenaphthene	420 U	560 U	960 U
Acenaphthylene	420 U	560 U	**1400**
Acetophenone	420 U	560 U	960 U
Anthracene	420 U	560 U	**2200**
Atrazine	420 U	560 U	960 U
Benzaldehyde	**210 J**	560 U	960 U
Benzo(a)anthracene	420 U	560 U	**5200**
Benzo(a)pyrene	420 U	560 U	**3400**
Benzo(b)fluoranthene	420 U	560 U	**4900**
Benzo(g,h,i)perylene	420 U	560 U	**800 J**
Benzo(k)fluoranthene	420 U	**120 J**	**2900**
Bis(2-Chloroethoxy)Methane	420 U	560 U	960 U
Bis-(2-Chloroethyl)Ether	420 U	560 U	960 U
Bis(2-Ethylhexyl)Phthalate	420 U	560 U	960 U
Butylbenzylphthalate	420 U	560 U	960 U
Caprolactam	420 U	560 U	960 U
Carbazole	420 U	560 UJ	**260 J**
Chrysene	420 U	**140 J**	**5100**
Dibenzo(a,h)-anthracene	420 U	560 U	**1100**
Dibenzofuran	420 U	560 U	960 U
Diethylphthalate	420 U	560 U	960 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS10	BBA-SS11	BBA-SS12
	Date:	10/6/2003	10/6/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
Dimethylphthalate		420 U	560 U	960 U
Di-n-Butylphthalate		420 U	560 U	960 U
Di-n-Octylphthalate		**130 J**	560 U	960 U
Fluoranthene		420 U	**170 J**	**11000**
Fluorene		420 U	560 U	960 U
Hexachlorobenzene		420 U	560 U	960 U
Hexachlorobutadiene		420 U	560 U	960 U
Hexachlorocyclo-Pentadiene		420 U	560 UJ	960 UJ
Hexachloroethane		420 U	560 U	960 U
Indeno(1,2,3-cd)-pyrene		420 U	560 U	**2300 J**
Isophorone		420 U	560 U	960 U
Naphthalene		420 U	560 U	960 U
Nitrobenzene		420 U	560 U	960 U
n-Nitroso Diphenylamine		420 U	560 U	960 U
n-Nitroso-Di-n Propylamine		420 U	560 U	960 U
Pentachlorophenol		1100 U	1400 U	2400 U
Phenanthrene		420 U	**130 J**	**710 J**
Phenol		420 U	560 U	960 U
Pyrene		420 U	**150 J**	**10000**
TCL Pesticides and PCBs (µg/Kg)				
4,4'-DDD		4.2 U	5.6 U	4.8 U
4,4'-DDE		**4.3 J**	5.6 U	**7.4 JN**
4,4'-DDT		4.2 U	5.6 U	4.8 U
Aldrin		2.2 U	2.9 U	2.5 U
Alpha-BHC		2.2 U	2.9 U	2.5 U
Alpha-Chlordane		2.2 U	2.9 U	2.5 U
Aroclor-1016		42 U	56 U	48 U
Aroclor-1221		85 U	110 U	97 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-SS10	BBA-SS11	BBA-SS12
	Date:	10/6/2003	10/6/2003	10/6/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in
Aroclor-1232		42 U	56 U	48 U
Aroclor-1242		42 U	56 U	48 U
Aroclor-1248		42 U	56 U	48 U
Aroclor-1254		42 U	56 U	48 U
Aroclor-1260		42 U	56 U	48 U
Beta-BHC		2.2 U	2.9 U	**3.3 R**
Delta-BBHC		2.2 U	2.9 U	2.5 U
Dieldrin		4.2 U	5.6 U	4.8 U
Endosulfan I		2.2 U	2.9 U	2.5 U
Endosulfan II		4.2 U	5.6 U	4.8 U
Endosulfan Sulfate		4.2 U	5.6 U	4.8 U
Endrin		4.2 U	5.6 U	4.8 U
Endrin Aldehyde		4.2 U	5.6 U	4.8 U
Endrin Ketone		4.2 U	5.6 U	**41 J**
Gamma-BHC (Lindane)		2.2 U	2.9 U	2.5 U
Gamma-Chlordane		2.2 U	2.9 U	2.5 U
Heptachlor		2.2 U	2.9 U	2.5 U
Heptachlor Epoxide		2.2 U	2.9 U	2.5 U
Methoxychlor		22 U	29 U	25 U
Toxaphene		220 U	290 U	250 U
Herbicides (µg/Kg)				
2,4,5-T		- -	27.2 U	23.1 U
2,4,5-TP (SILVEX)		- -	27.2 U	23.1 U
2,4-D		- -	27.2 U	23.1 U
2,4-DB		- -	27.2 U	23.1 U
Dalapon		- -	81.4 U	69.3 U
Dicamba		- -	27.2 U	23.1 U
Dichlorprop		- -	27.2 U	23.1 U
Dinoseb		- -	27.2 U	23.1 U
MCPA		- -	8140 U	6930 U
MCPP		- -	8140 U	6930 U

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SS10 Date: 10/6/2003 Depth: 0 - 2 in	BBA-SS11 10/6/2003 0 - 2 in	BBA-SS12 10/6/2003 0 - 2 in
TAL Metals and Mercury (mg/Kg)			
Aluminum	**4670**	**5770**	**4870**
Antimony	1.8 U	2.4 U	2 U
Arsenic	**2.3 BJ**	**4 J**	**9.2 J**
Barium	**66.2**	**63.3 B**	**57.5**
Beryllium	**0.34 B**	**0.43 B**	**0.37 B**
Cadmium	0.13 U	0.17 U	0.14 U
Calcium	**1530**	**7860**	**4960**
Chromium	**4.8**	**7.8**	**6.9**
Cobalt	**3.9 B**	**7 B**	**6 B**
Copper	**9.5**	**21.5**	**27.1**
Iron	**9330**	**13800**	**14500**
Lead	**22.5**	**38.9**	**50**
Magnesium	**1480**	**4340**	**2510**
Manganese	**655 J**	**306 J**	**300 J**
Nickel	**7.9 B**	**14**	**11.8**
Potassium	**298 B**	**529 B**	**518 B**
Selenium	0.48 UJ	**0.97 BJ**	**0.59 BJ**
Silver	0.38 U	0.51 U	0.42 U
Sodium	139 U	185 U	**201 B**
Thallium	1.1 U	1.4 U	1.2 U
Vanadium	**10.6 B**	**15.5 B**	**20**
Zinc	**30.8**	**54.7**	**87.7**
Mercury	0.06 U	**0.08 BJ**	**0.1 BJ**
Total Cyanide (mg/Kg)			
Cyanide Tot.	**0.16**	**0.3**	**0.29**
Total Petroleum Hydrocarbons (mg/Kg)			
n-Hexane Extractable Material	- -	335 U	**593**
Percent Moisture (wt%)			
Percent Moisture	- -	**40.5**	**31.9**
Percent Solids (%)			
Percent Solids	**78**	**59**	**68**

Table D-8-1
Complete Analytical Data Summary for Surface Soil Samples from the Bruno/Brickyard Associates/Alonzo Site

(1) New York State Department of Environmental Conservation, Technical and Administrative Guidance Memorandum #4046: Determination of Soil Cleanup Objectives and Cleanup Levels, 1994.

(2) Eastern United States background values.

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-GP01-SB	BBA-GP01-SB/D	BBA-GP02-SB	BBA-GP03-SB	BBA-GP04-SB
	Date:	10/10/2003	10/10/2003	10/10/2003	10/9/2003	10/10/2003
	Depth:	8 - 11 ft	8 - 11 ft	7 - 11 ft	5.5 - 6.5 ft	8 - 10 ft
TCL Volatile Organic Compounds (µg/Kg)						
1,1,1-Trichloroethane		10 U	10 U	**10 R**	17 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	**10 R**	17 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		**0.4 J**	10 UJ	**10 R**	**3 J**	10 UJ
1,1,2-Trichloroethane		10 U	10 U	**10 R**	17 U	10 U
1,1-Dichloroethane		10 U	10 U	**10 R**	17 U	10 U
1,1-Dichloroethene		10 UJ	10 UJ	**10 R**	17 U	10 UJ
1,2,4-Trichlorobenzene		10 U	10 U	**10 R**	17 U	10 U
1,2-Dibromo-3-Chloropropane		10 U	10 U	**10 R**	17 U	10 U
1,2-Dibromoethane		10 U	10 U	**10 R**	17 U	10 U
1,2-Dichlorobenzene		10 U	10 U	**10 R**	17 U	10 U
1,2-Dichloroethane		10 U	10 U	**10 R**	17 U	10 U
1,2-Dichloropropane		10 U	10 U	**10 R**	17 U	10 U
1,3-Dichlorobenzene		10 U	10 U	**10 R**	17 U	10 U
1,4-Dichlorobenzene		10 U	10 U	**10 R**	17 U	10 U
2-Butanone		10 U	10 U	**10 R**	17 U	10 U
2-Hexanone		10 U	10 U	**10 R**	17 U	10 U
4-Methyl-2-Pentanone		10 U	10 U	**10 R**	17 U	10 U
Acetone		10 U	10 U	**10 R**	34 U	10 UJ
Benzene		10 U	10 U	**10 R**	17 U	10 U
Bromodichloromethane		10 U	10 U	**10 R**	17 U	10 U
Bromoform		10 U	10 U	**10 R**	17 U	10 U
Bromomethane		10 U	10 UJ	**10 R**	17 U	10 UJ
Carbon Disulfide		10 UJ	10 UJ	**10 R**	**1 J**	10 UJ
Carbon Tetrachloride		10 U	10 U	**10 R**	17 U	10 U
Chlorobenzene		10 U	10 U	**10 R**	17 U	10 U
Chloroethane		10 U	10 U	**10 R**	17 U	10 U
Chloroform		10 U	10 U	**10 R**	17 U	10 U
Chloromethane		10 U	10 U	**10 R**	17 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	**10 R**	17 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	**10 R**	17 U	10 U
Cyclohexane		10 U	10 U	**10 R**	17 U	10 U

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: / Date: / Depth:	BBA-GP01-SB 10/10/2003 8 - 11 ft	BBA-GP01-SB/D 10/10/2003 8 - 11 ft	BBA-GP02-SB 10/10/2003 7 - 11 ft	BBA-GP03-SB 10/9/2003 5.5 - 6.5 ft	BBA-GP04-SB 10/10/2003 8 - 10 ft
Dibromochloromethane		10 U	10 U	**10 R**	17 U	10 U
Dichlorodifluoromethane		10 U	10 U	**10 R**	17 U	10 U
Ethylbenzene		10 U	10 U	**10 R**	17 U	10 U
Isopropylbenzene		10 U	10 U	**10 R**	17 U	10 U
Methyl Acetate		10 U	10 U	**10 R**	17 U	10 U
Methyl tert-Butyl Ether		10 U	10 U	**10 R**	17 U	10 U
Methylcyclohexane		10 U	10 U	**10 R**	17 U	10 U
Methylene Chloride		10 U	10 U	**10 R**	17 U	14 U
Styrene		10 U	10 U	**10 R**	17 U	10 U
Tetrachloroethene		10 U	10 U	**10 R**	17 U	10 U
Toluene		10 U	10 U	**10 R**	17 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	**10 R**	17 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	**10 R**	17 U	10 U
Trichloroethene		10 U	10 U	**10 R**	17 U	10 U
Trichlorofluoromethane		10 U	**0.8 J**	**10 R**	17 U	10 U
Vinyl Chloride		10 U	10 U	**10 R**	17 U	10 U
Xylenes (Total)		10 U	10 U	**10 R**	17 U	10 U
TCL Semivolatile Organic Compounds (µg/Kg)						
1,1'-Biphenyl		410 U	410 U	410 U	420 U	420 U
2,2'-Oxybis(1- Chloropropane)		410 U	410 U	410 U	420 U	420 U
2,4,5-Trichlorophenol		1000 U	1000 U	1000 U	1100 U	1100 U
2,4,6-Trichlorophenol		410 U	410 U	410 U	420 U	420 U
2,4-Dichlorophenol		410 U	410 U	410 U	420 U	420 U
2,4-Dimethylphenol		410 U	410 U	410 U	420 U	420 U
2,4-Dinitrophenol		1000 U	1000 U	1000 U	1100 U	1100 U
2,4-Dinitrotoluene		410 U	410 U	410 U	420 U	420 U
2,6-Dinitrotoluene		410 U	410 U	410 U	420 U	420 U
2-Chloronaphthalene		410 U	410 U	410 U	420 U	420 U
2-Chlorophenol		410 U	410 U	410 U	420 U	420 U
2-Methylnaphthalene		410 U	410 U	410 U	420 U	420 U
2-Methylphenol		410 U	410 U	410 U	420 U	420 U
2-Nitroaniline		1000 U	1000 U	1000 U	1100 U	1100 U

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-GP01-SB	BBA-GP01-SB/D	BBA-GP02-SB	BBA-GP03-SB	BBA-GP04-SB
	Date:	10/10/2003	10/10/2003	10/10/2003	10/9/2003	10/10/2003
	Depth:	8 - 11 ft	8 - 11 ft	7 - 11 ft	5.5 - 6.5 ft	8 - 10 ft
2-Nitrophenol		410 U	410 U	410 U	420 U	420 U
3,3'-Dichlorobenzidine		410 UJ	410 UJ	410 UJ	420 UJ	420 UJ
3-Nitroaniline		1000 UJ	1000 UJ	1000 UJ	1100 UJ	1100 UJ
4,6-Dinitro-2-Methylphenol		1000 U	1000 U	1000 U	1100 U	1100 U
4-Bromophenyl-Phenylether		410 U	410 U	410 U	420 U	420 U
4-Chloro-3-Methylphenol		410 U	410 U	410 U	420 U	420 U
4-Chloroaniline		410 U	410 U	410 U	420 U	420 U
4-Chlorophenyl-Phenyl Ether		410 U	410 U	410 U	420 U	420 U
4-Methylphenol		410 U	410 U	410 U	420 U	420 U
4-Nitroaniline		1000 U	1000 U	1000 U	1100 U	1100 U
4-Nitrophenol		1000 U	1000 U	1000 U	1100 U	1100 U
Acenaphthene		410 U	410 U	410 U	420 U	420 U
Acenaphthylene		410 U	410 U	410 U	420 U	420 U
Acetophenone		410 U	410 U	410 U	420 U	420 U
Anthracene		410 U	410 U	410 U	420 U	420 U
Atrazine		410 U	410 U	410 U	420 U	420 U
Benzaldehyde		410 U	410 U	410 U	420 U	420 U
Benzo(a)anthracene		410 U	410 U	410 U	420 U	420 U
Benzo(a)pyrene		410 U	410 U	410 U	420 U	420 U
Benzo(b)fluoranthene		410 U	410 U	410 U	420 U	420 U
Benzo(g,h,i)perylene		410 U	410 U	410 U	420 U	420 U
Benzo(k)fluoranthene		410 U	410 U	410 U	420 U	420 U
Bis(2-Chloroethoxy)Methane		410 U	410 U	410 U	420 U	420 U
Bis-(2-Chloroethyl)Ether		410 U	410 U	410 U	420 U	420 U
Bis(2-Ethylhexyl)Phthalate		410 U	410 U	410 U	420 U	420 U
Butylbenzylphthalate		410 U	410 U	410 U	420 U	420 U
Caprolactam		410 U	410 U	410 U	420 U	420 U
Carbazole		410 UJ	410 UJ	410 UJ	420 UJ	420 UJ
Chrysene		410 U	410 U	410 U	420 U	420 U
Dibenzo(a,h)-anthracene		410 U	410 U	410 U	420 U	420 U
Dibenzofuran		410 U	410 U	410 U	420 U	420 U
Diethylphthalate		410 U	410 U	410 U	420 U	420 U

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-GP01-SB	BBA-GP01-SB/D	BBA-GP02-SB	BBA-GP03-SB	BBA-GP04-SB
	Date:	10/10/2003	10/10/2003	10/10/2003	10/9/2003	10/10/2003
	Depth:	8 - 11 ft	8 - 11 ft	7 - 11 ft	5.5 - 6.5 ft	8 - 10 ft
Dimethylphthalate		410 U	410 U	410 U	420 U	420 U
Di-n-Butylphthalate		410 U	410 U	410 U	420 U	420 U
Di-n-Octylphthalate		410 U	410 U	410 U	420 U	420 U
Fluoranthene		410 U	410 U	410 U	**170 J**	420 U
Fluorene		410 U	410 U	410 U	420 U	420 U
Hexachlorobenzene		410 U	410 U	410 U	420 U	420 U
Hexachlorobutadiene		410 U	410 U	410 U	420 U	420 U
Hexachlorocyclo-Pentadiene		410 U	410 U	410 U	420 U	420 U
Hexachloroethane		410 U	410 U	410 U	420 U	420 U
Indeno(1,2,3-cd)-pyrene		410 U	410 U	410 U	420 U	420 U
Isophorone		410 U	410 U	410 U	420 U	420 U
Naphthalene		410 U	410 U	410 U	420 U	420 U
Nitrobenzene		410 U	410 U	410 U	420 U	420 U
n-Nitroso Diphenylamine		410 U	410 U	410 U	420 U	420 U
n-Nitroso-Di-n Propylamine		410 U	410 U	410 U	420 U	420 U
Pentachlorophenol		1000 U	1000 U	1000 U	1100 U	1100 U
Phenanthrene		410 U	410 U	410 U	**110 J**	420 U
Phenol		410 U	410 U	410 U	420 U	420 U
Pyrene		410 U	410 U	410 U	**120 J**	420 U
TCL Pesticides and PCBs (µg/Kg)						
4,4'-DDD		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
4,4'-DDE		4.1 U	**0.8 J**	4.1 U	4.2 U	4.2 U
4,4'-DDT		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Aldrin		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Alpha-BHC		2.1 U	2.1 U	2.1 U	**1.1 J**	2.2 U
Alpha-Chlordane		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Aroclor-1016		41 U	41 U	41 U	42 U	42 U
Aroclor-1221		84 U	84 U	83 U	86 U	85 U
Aroclor-1232		41 U	41 U	41 U	42 U	42 U
Aroclor-1242		41 U	41 U	41 U	42 U	42 U
Aroclor-1248		41 U	41 U	41 U	42 U	42 U
Aroclor-1254		41 U	41 U	41 U	42 U	42 U

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID:	BBA-GP01-SB	BBA-GP01-SB/D	BBA-GP02-SB	BBA-GP03-SB	BBA-GP04-SB
	Date:	10/10/2003	10/10/2003	10/10/2003	10/9/2003	10/10/2003
	Depth:	8 - 11 ft	8 - 11 ft	7 - 11 ft	5.5 - 6.5 ft	8 - 10 ft
Aroclor-1260		41 U	41 U	41 U	42 U	42 U
Beta-BHC		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Delta-BBHC		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Dieldrin		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Endosulfan I		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Endosulfan II		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Endosulfan Sulfate		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Endrin		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Endrin Aldehyde		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Endrin Ketone		4.1 U	4.1 U	4.1 U	4.2 U	4.2 U
Gamma-BHC (Lindane)		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Gamma-Chlordane		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Heptachlor		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Heptachlor Epoxide		2.1 U	2.1 U	2.1 U	2.2 U	2.2 U
Methoxychlor		21 U	21 U	21 U	22 U	22 U
Toxaphene		210 U	210 U	210 U	220 U	220 U
TAL Metals and Mercury (mg/Kg)						
Aluminum		**4570**	**3850**	**6050**	**3950**	**6320**
Antimony		2.4 U	2.4 U	2.1 U	2.4 U	2.3 U
Arsenic		**3.3**	**3**	**6**	**2.2 B**	**4.3**
Barium		**27.6 B**	**21.3 B**	**53.9**	**24 B**	**49.8 B**
Beryllium		**0.23 B**	**0.22 B**	**0.28 B**	**0.19 B**	**0.3 B**
Cadmium		0.18 U	0.18 U	0.16 U	0.18 U	0.18 U
Calcium		**1970**	**1590**	**2010**	**1460**	**1950**
Chromium		**7.2**	**6.6**	**7.3**	**9.2**	**7.9**
Cobalt		**8.5 B**	**6.5 B**	**8.3 B**	**5 B**	**8.2 B**
Copper		**13.5**	**13.3**	**18.7**	**11.6**	**37.3**
Iron		**12000**	**10400**	**14800**	**10000**	**16400**
Lead		**6.1**	**7.1**	**9.9**	**14.5**	**11.9**
Magnesium		**2260**	**1840**	**2970**	**2240**	**2910**
Manganese		**340**	**213**	**533**	**96.9**	**551**
Nickel		**13.7**	**10.9**	**16.2**	**9.6 B**	**15.4**

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: / Date: / Depth:	BBA-GP01-SB 10/10/2003 8 - 11 ft	BBA-GP01-SB/D 10/10/2003 8 - 11 ft	BBA-GP02-SB 10/10/2003 7 - 11 ft	BBA-GP03-SB 10/9/2003 5.5 - 6.5 ft	BBA-GP04-SB 10/10/2003 8 - 10 ft
Potassium		**552 B**	**479 B**	**723 B**	**397 B**	**605 B**
Selenium		1 U	1 U	0.86 U	0.99 U	0.95 U
Silver		0.37 U	0.37 U	0.32 U	0.36 U	0.35 U
Sodium		123 U	124 U	107 U	122 U	118 U
Thallium		1.8 U	1.8 U	1.5 U	1.8 U	1.7 U
Vanadium		**12.1 B**	**12.8 B**	**12**	**6.1 B**	**10 B**
Zinc		**35.6**	**33.5**	**39.5**	**79.7**	**42.7**
Mercury		0.06 U	0.07 U	0.06 U	**0.33**	0.06 U
Total Cyanide (mg/Kg)						
Cyanide Tot.		0.16 U	0.16 U	0.15 U	0.17 U	0.16 U
Percent Solids (%)						
Percent Solids, 105DegC		**75**	**77**	**81**	**71**	**77**

Table D-8-2
Complete Analytical Data Summary for Subsurface Soil Samples from the Bruno/Brickyard Associates/Alonzo Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
ft = Feet.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
-SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.
µg/Kg = Micrograms per kilogram.

Source: Ecology and Environment, Inc., 2004

Table D-8-3
Complete Analytical Data Summary for Surface Water Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte / Sample ID: / Date:	BBA-SW01 10/6/2003	BBA-SW02 10/6/2003	BBA-SW03 10/6/2003
TCL Volatile Organic Compounds (µg/L)			
1,1,1-Trichloroethane	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U
1,1-Dichloroethane	10 U	10 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	**10 R**	**10 R**	**10 R**
1,2-Dibromoethane	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U
4-Methyl-2-Pentanone	10 U	10 U	10 U
Acetone	**5 J**	**6 J**	**4 J**
Benzene	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U
Bromoform	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U
Carbon Disulfide	10 U	10 U	10 U
Carbon Tetrachloride	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U
Chloromethane	10 U	10 U	10 U
cis-1,2-Dichloroethene	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U
Cyclohexane	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U
Dichlorodifluoromethane	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U
Isopropylbenzene	10 U	10 U	10 U
Methyl Acetate	10 U	10 U	10 U
Methyl tert-Butyl Ether	10 U	10 U	10 U
Methylcyclohexane	10 U	10 U	10 U
Methylene Chloride	10 U	10 U	10 U
Styrene	10 U	10 U	10 U
Tetrachloroethene	10 U	10 U	10 U
Toluene	**6 J**	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U
Trichlorofluoromethane	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U
Xylenes (Total)	10 U	10 U	10 U

Table D-8-3
Complete Analytical Data Summary for Surface Water Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SW01 Date: 10/6/2003	BBA-SW02 10/6/2003	BBA-SW03 10/6/2003
TCL Semivolatile Organic Compounds (µg/L)			
1,1'-Biphenyl	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U
2,4,6-Trichlorophenol	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U
2,4-Dinitrophenol	25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U
2-Nitroaniline	25 U	25 U	25 U
2-Nitrophenol	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 UJ	10 UJ	10 UJ
3-Nitroaniline	25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol	25 UJ	25 UJ	25 UJ
4-Bromophenyl-Phenylether	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U
4-Nitroaniline	25 U	25 U	25 U
4-Nitrophenol	25 U	25 U	25 U
Acenaphthene	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U
Acetophenone	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U
Atrazine	10 U	10 U	10 U
Benzaldehyde	10 U	10 U	10 U
Benzo(a)anthracene	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate	10 U	10 U	10 U
Butylbenzylphthalate	10 U	10 U	10 U
Caprolactam	10 U	10 U	10 U
Carbazole	10 UJ	10 UJ	10 UJ
Chrysene	10 U	10 U	10 U
Dibenzo(a,h)-anthracene	10 U	10 U	10 U
Dibenzofuran	10 U	10 U	10 U
Diethylphthalate	10 U	10 U	10 U
Dimethylphthalate	10 U	10 U	10 U
Di-n-Butylphthalate	10 U	10 U	10 U

Table D-8-3
Complete Analytical Data Summary for Surface Water Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte / Sample ID: / Date:	BBA-SW01 10/6/2003	BBA-SW02 10/6/2003	BBA-SW03 10/6/2003
Di-n-Octylphthalate	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 UJ	10 UJ	10 UJ
Hexachloroethane	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U
Phenol	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)			
4,4'-DDD	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 U
TAL Metals and Mercury (µg/L)			
Aluminum	19 U	**164 B**	**76.6 B**
Antimony	7.2 U	7.2 U	9.2 U

Table D-8-3
Complete Analytical Data Summary for Surface Water Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte / Sample ID: / Date:	BBA-SW01 10/6/2003	BBA-SW02 10/6/2003	BBA-SW03 10/6/2003
Arsenic	4.4 UJ	4.4 UJ	5.8 U
Barium	**16.3 B**	**36 B**	**25.7 B**
Beryllium	0.1 U	0.1 U	0.1 U
Cadmium	0.5 U	0.5 U	0.7 U
Calcium	**60300**	**59900**	**52600**
Chromium	**1.1 B**	1.1 U	1 U
Cobalt	1.4 U	1.4 U	1.3 U
Copper	**2.9 B**	**1.2 B**	**1.1 B**
Iron	**335**	**507**	**52.9 B**
Lead	2.6 U	2.6 U	2.2 U
Magnesium	**19700**	**26200**	**19200**
Manganese	**50.2**	**243**	**56.2 J**
Nickel	**2.9 B**	1.8 U	2.3 U
Potassium	**1990 B**	**1610 B**	**669 B**
Selenium	1.9 U	1.9 U	3.8 U
Silver	1.5 U	1.5 U	1.4 UJ
Sodium	**4150 B**	**3980 B**	**1850 B**
Thallium	4.2 U	4.2 U	6.8 U
Vanadium	1.6 U	**1.6 B**	0.9 U
Zinc	**23 J**	**21.1 J**	**26.2 J**
Mercury	0.1 U	0.1 U	0.1 U
Total Cyanide (µg/L)			
Cyanide Tot.	5 U	5 U	5 U
Anions (mg/L)			
Bromide	0.100 U	0.100 U	0.100 U
Chloride	**6.6**	**4.42**	**1.34**
Fluoride	**0.156**	**0.191**	**0.125**
Nitrate-N	**0.199**	0.100 U	0.100 U
Nitrite-N	0.100 U	0.100 U	0.100 U
Phosphate	0.100 U	0.100 U	0.100 U
Sulfate	**8.79**	**21**	**12.8**
Hardness (mg/L)			
Hardness (As CaCO3)	**345**	**380**	**335**

Table D-8-3
Complete Analytical Data Summary for Surface Water Samples from the Bruno/Brickyard Associates/Alonzo Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
BBA = Bruno/Brickyard Associates/Alonzo Site.
/D = Duplicate sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SW = Surface water sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-8-4
Complete Analytical Data Summary for Sediment Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SE01 Date: 10/6/2003 Depth: 0 - 2 in	BBA-SE01/D 10/6/2003 0 - 2 in	BBA-SE02 10/6/2003 0 - 2 in	BBA-SE03 10/6/2003 0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)				
1,1,1-Trichloroethane	10 U	10 U	28 UJ	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	28 UJ	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U	28 UJ	10 U
1,1,2-Trichloroethane	10 U	10 U	28 UJ	10 U
1,1-Dichloroethane	10 U	10 U	28 UJ	10 U
1,1-Dichloroethene	10 U	10 U	28 UJ	10 U
1,2,4-Trichlorobenzene	10 U	10 U	28 UJ	10 U
1,2-Dibromo-3-Chloropropane	**10 R**	10 U	28 UJ	**10 R**
1,2-Dibromoethane	10 U	10 U	28 UJ	10 U
1,2-Dichlorobenzene	10 U	10 U	28 UJ	10 U
1,2-Dichloroethane	10 U	10 U	28 UJ	10 U
1,2-Dichloropropane	10 U	10 U	28 UJ	10 U
1,3-Dichlorobenzene	10 U	10 U	28 UJ	10 U
1,4-Dichlorobenzene	10 U	10 U	28 UJ	10 U
2-Butanone	10 U	10 U	28 UJ	10 U
2-Hexanone	10 UJ	10 U	28 UJ	10 UJ
4-Methyl-2-Pentanone	10 U	10 U	28 UJ	10 U
Acetone	10 U	10 U	28 UJ	36 U
Benzene	10 U	10 U	28 UJ	10 U
Bromodichloromethane	10 U	10 U	28 UJ	10 U
Bromoform	10 U	10 U	28 UJ	10 U
Bromomethane	10 U	10 U	28 UJ	10 U
Carbon Disulfide	10 U	10 U	28 UJ	**0.7 J**
Carbon Tetrachloride	10 U	10 U	28 UJ	10 U
Chlorobenzene	10 U	10 U	28 UJ	10 U
Chloroethane	10 U	10 U	28 UJ	10 U
Chloroform	10 U	10 U	28 UJ	10 U
Chloromethane	10 U	10 U	28 UJ	**1 J**
cis-1,2-Dichloroethene	10 U	10 U	28 UJ	10 U
cis-1,3-Dichloropropene	10 U	10 U	28 UJ	10 U
Cyclohexane	**0.3 J**	10 U	28 UJ	10 U
Dibromochloromethane	10 U	10 U	28 UJ	10 U
Dichlorodifluoromethane	10 U	10 U	28 UJ	10 U
Ethylbenzene	10 U	10 U	28 UJ	10 U
Isopropylbenzene	10 U	10 U	28 UJ	10 U
Methyl Acetate	10 U	10 U	28 UJ	**4 J**
Methyl tert-Butyl Ether	10 U	10 U	28 UJ	10 U
Methylcyclohexane	10 U	10 U	28 UJ	10 U
Methylene Chloride	10 U	10 U	28 UJ	10 U
Styrene	10 U	10 U	28 UJ	10 U
Tetrachloroethene	10 U	10 U	28 UJ	10 U
Toluene	**0.5 J**	10 U	28 UJ	**0.9 J**
trans-1,2-Dichloroethene	10 U	10 U	28 UJ	10 U
trans-1,3-Dichloropropene	10 U	10 U	28 UJ	10 U
Trichloroethene	10 U	10 U	28 UJ	10 U
Trichlorofluoromethane	10 U	10 U	28 UJ	10 U
Vinyl Chloride	10 U	10 U	28 UJ	10 U
Xylenes (Total)	10 U	10 U	28 UJ	10 U

Table D-8-4
Complete Analytical Data Summary for Sediment Samples
from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SE01 Date: 10/6/2003 Depth: 0 - 2 in	BBA-SE01/D 10/6/2003 0 - 2 in	BBA-SE02 10/6/2003 0 - 2 in	BBA-SE03 10/6/2003 0 - 2 in
TCL Semivolatile Organic Compounds (µg/Kg)				
1,1'-Biphenyl	420 U	410 U	630 U	410 U
2,2'-Oxybis(1- Chloropropane)	420 U	410 U	630 U	410 U
2,4,5-Trichlorophenol	1100 U	1000 U	1600 U	1000 U
2,4,6-Trichlorophenol	420 U	410 U	630 U	410 U
2,4-Dichlorophenol	420 U	410 U	630 U	410 U
2,4-Dimethylphenol	420 U	410 U	630 U	410 U
2,4-Dinitrophenol	1100 U	1000 UJ	1600 U	1000 U
2,4-Dinitrotoluene	420 U	410 U	630 U	410 U
2,6-Dinitrotoluene	420 U	410 U	630 U	410 U
2-Chloronaphthalene	420 U	410 U	630 U	410 U
2-Chlorophenol	420 U	410 U	630 U	410 U
2-Methylnaphthalene	420 U	410 U	630 U	410 U
2-Methylphenol	420 U	410 U	630 U	410 U
2-Nitroaniline	1100 U	1000 U	1600 U	1000 U
2-Nitrophenol	420 U	410 U	630 U	410 U
3,3'-Dichlorobenzidine	420 UJ	410 UJ	630 UJ	410 UJ
3-Nitroaniline	1100 U	1000 UJ	1600 U	1000 U
4,6-Dinitro-2-Methylphenol	1100 U	1000 UJ	1600 U	1000 U
4-Bromophenyl-Phenylether	420 U	410 U	630 U	410 U
4-Chloro-3-Methylphenol	420 U	410 U	630 U	410 U
4-Chloroaniline	420 U	410 U	630 U	410 U
4-Chlorophenyl-Phenyl Ether	420 U	410 U	630 U	410 U
4-Methylphenol	420 U	410 U	630 U	410 U
4-Nitroaniline	1100 U	1000 U	1600 U	1000 U
4-Nitrophenol	1100 UJ	1000 UJ	1600 UJ	1000 UJ
Acenaphthene	420 U	410 U	630 U	410 U
Acenaphthylene	420 U	410 U	630 U	410 U
Acetophenone	420 U	410 U	630 U	410 U
Anthracene	420 U	410 U	630 U	410 U
Atrazine	420 U	410 U	630 U	410 U
Benzaldehyde	420 U	410 U	630 U	410 U
Benzo(a)anthracene	420 U	410 U	630 U	410 U
Benzo(a)pyrene	420 U	410 U	630 U	410 U
Benzo(b)fluoranthene	420 U	410 U	630 U	410 U
Benzo(g,h,i)perylene	420 U	**150 J**	630 U	410 U
Benzo(k)fluoranthene	420 U	410 U	630 U	410 U
Bis(2-Chloroethoxy)Methane	420 U	410 U	630 U	410 U
Bis-(2-Chloroethyl)Ether	420 U	410 U	630 U	410 U
Bis(2-Ethylhexyl)Phthalate	420 U	410 U	630 U	**220 J**
Butylbenzylphthalate	420 U	410 U	630 U	410 U
Caprolactam	420 U	410 U	630 U	410 U
Carbazole	420 UJ	410 UJ	630 UJ	410 UJ
Chrysene	420 U	410 U	630 U	410 U
Dibenzo(a,h)-anthracene	420 U	410 U	630 U	410 U
Dibenzofuran	420 U	410 U	630 U	410 U
Diethylphthalate	420 U	410 U	630 U	410 U
Dimethylphthalate	420 U	410 U	630 U	410 U
Di-n-Butylphthalate	420 U	410 U	630 U	410 U

Table D-8-4
Complete Analytical Data Summary for Sediment Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SE01 Date: 10/6/2003 Depth: 0 - 2 in	BBA-SE01/D 10/6/2003 0 - 2 in	BBA-SE02 10/6/2003 0 - 2 in	BBA-SE03 10/6/2003 0 - 2 in
Di-n-Octylphthalate	420 U	410 U	630 U	410 U
Fluoranthene	420 U	410 U	630 U	410 U
Fluorene	420 U	410 U	630 U	410 U
Hexachlorobenzene	420 U	410 U	630 U	410 U
Hexachlorobutadiene	420 U	410 U	630 U	410 U
Hexachlorocyclo-Pentadiene	420 UJ	410 UJ	630 UJ	410 UJ
Hexachloroethane	420 U	410 U	630 U	410 U
Indeno(1,2,3-cd)-pyrene	420 U	410 UJ	630 U	410 U
Isophorone	420 U	410 U	630 U	410 U
Naphthalene	420 U	410 U	630 U	410 U
Nitrobenzene	420 U	410 U	630 U	410 U
n-Nitroso Diphenylamine	420 U	410 U	630 U	410 U
n-Nitroso-Di-n Propylamine	420 U	410 U	630 U	410 U
Pentachlorophenol	1100 U	1000 U	1600 U	1000 U
Phenanthrene	420 U	410 U	630 U	410 U
Phenol	420 U	410 U	630 U	410 U
Pyrene	420 U	410 U	630 U	410 U
TCL Pesticide and PCBs (µg/Kg)				
4,4'-DDD	4.2 U	4.1 U	6.3 U	4.1 U
4,4'-DDE	4.2 U	4.1 U	6.3 U	4.1 U
4,4'-DDT	4.2 U	4.1 U	6.3 U	4.1 U
Aldrin	2.2 U	2.1 U	3.3 U	2.1 U
Alpha-BHC	2.2 U	2.1 U	3.3 U	2.1 U
Alpha-Chlordane	2.2 U	2.1 U	3.3 U	2.1 U
Aroclor-1016	42 U	41 U	63 U	41 U
Aroclor-1221	85 U	83 U	130 U	83 U
Aroclor-1232	42 U	41 U	63 U	41 U
Aroclor-1242	42 U	41 U	63 U	41 U
Aroclor-1248	42 U	41 U	63 U	41 U
Aroclor-1254	42 U	41 U	63 U	41 U
Aroclor-1260	42 U	41 U	63 U	41 U
Beta-BHC	2.2 U	2.1 U	3.3 U	2.1 U
Delta-BBHC	2.2 U	2.1 U	3.3 U	2.1 U
Dieldrin	4.2 U	4.1 U	6.3 U	4.1 U
Endosulfan I	2.2 U	2.1 U	3.3 U	2.1 U
Endosulfan II	4.2 U	4.1 U	6.3 U	4.1 U
Endosulfan Sulfate	4.2 U	4.1 U	6.3 U	4.1 U
Endrin	4.2 U	4.1 U	6.3 U	4.1 U
Endrin Aldehyde	4.2 U	4.1 U	6.3 U	4.1 U
Endrin Ketone	4.2 U	4.1 U	6.3 U	4.1 U
Gamma-BHC (Lindane)	2.2 U	2.1 U	3.3 U	2.1 U
Gamma-Chlordane	2.2 U	2.1 U	3.3 U	2.1 U
Heptachlor	2.2 U	2.1 U	3.3 U	2.1 U
Heptachlor Epoxide	2.2 U	2.1 U	3.3 U	2.1 U
Methoxychlor	22 U	21 U	33 U	21 U
Toxaphene	220 U	210 U	330 U	210 U

Table D-8-4
Complete Analytical Data Summary for Sediment Samples from the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: BBA-SE01 Date: 10/6/2003 Depth: 0 - 2 in	BBA-SE01/D 10/6/2003 0 - 2 in	BBA-SE02 10/6/2003 0 - 2 in	BBA-SE03 10/6/2003 0 - 2 in
TAL Metals and Mercury (mg/Kg)				
Aluminum	5730	4510	6180	6100
Antimony	1.9 U	1.8 U	2.8 U	2.1 U
Arsenic	7.6 J	5.4 J	1.7 UJ	1.3 UJ
Barium	44.3 B	39.9 B	56 B	34.4 B
Beryllium	0.34 B	0.39 B	0.33 B	0.27 B
Cadmium	0.13 U	0.12 U	0.2 U	0.15 U
Calcium	2320	1960	42100	9670
Chromium	6.5	5.6	7.7	6.5
Cobalt	7.6 B	7.3 B	8.1 B	7.4 B
Copper	10.8	9.6	19.4	17.5
Iron	21100	16600	15700	13500
Lead	9	11.1	11.1	9.6
Magnesium	2920	2090	13200	6380
Manganese	530 J	527 J	458 J	349 J
Nickel	12.2	10.2	14.5 B	13.2
Potassium	439 B	388 B	856 B	564 B
Selenium	0.5 UJ	0.47 UJ	0.75 UJ	0.56 UJ
Silver	0.39 U	0.37 U	0.59 U	0.44 U
Sodium	143 U	136 U	223 B	160 U
Thallium	1.1 U	1 UR	1.7 U	1.2 U
Vanadium	10.1 B	8.9 B	11.6 B	8 B
Zinc	40.1	33.7	54.8	39.8
Mercury	0.06 U	0.06 U	0.09 U	0.07 U
Total Cyanide (mg/Kg)				
Cyanide Tot.	0.15 U	0.15 U	0.23 U	0.23 U
Total Organic Carbon (mg/Kg)				
Organic Carbon, Tot.	6200	4800	19000	26000
Percent Solids (%)				
Percent Solids, 105DegC	81	78	53	52

Table D-8-4
Complete Analytical Data Summary for Sediment Samples from the Bruno/Brickyard Associates/Alonzo Site

(1) New York State Department of Environmental Conservation, Division of Fish, Wildlife and Marine Resources, Technical Guidance for Screening Contaminated Sediments, 1999. The benthic aquatic life chronic toxicity protection level was used.

(2) As per the 1999 NYSDEC Guidance, the screening criteria for organic contaminants in sediments are calculated based on sample Total Organic Carbon concentration. However, two levels of risk are established for metals contamination in sediments (Lowest Effect Level and Severe Effect Level).

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

BBA = Bruno/Brickyard Associates/Alonzo Site.

/D = Duplicate sample.

in = Inches.

J = The reported value is an estimated quantity.

JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.

mg/Kg = Milligrams per kilogram.

PCB = Polychlorinated biphenyl.

R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.

SE = Sediment sample.

TAL = Target Analyte List.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.

µg/Kg = Micrograms per kilogram.

- = Sample was not analyzed for this parameter.

% = Percent.

Table D-8-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Bruno/Brickyard Associates/Alonzo Site

Analyte	Sample ID: / Date:	BBA-GP01-GW 10/15/2003	BBA-GP02-GW 10/16/2003	BBA-GP03-GW 10/15/2003	BBA-GP03-GW/D 10/15/2003	BBA-GP04-GW 10/15/2003
TCL Volatile Organic Compounds (µg/L)						
1,1,1-Trichloroethane		10 U	10 U	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U	10 U	10 U	10 U
1,1,2-Trichloroethane		10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethane		10 U	10 U	10 U	10 U	10 U
1,1-Dichloroethene		10 U	10 U	10 U	10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane		10 U	10 U	10 U	10 U	10 U
1,2-Dibromoethane		10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,2-Dichloroethane		10 U	10 U	10 U	10 U	10 U
1,2-Dichloropropane		10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene		10 U	10 U	10 U	10 U	10 U
2-Butanone		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
2-Hexanone		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
4-Methyl-2-Pentanone		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Acetone		10 U	10 U	10 U	10 U	10 U
Benzene		10 U	10 U	10 U	10 U	10 U
Bromodichloromethane		10 U	10 U	10 U	10 U	10 U
Bromoform		10 U	10 U	10 U	10 U	10 U
Bromomethane		10 U	10 U	10 U	10 U	10 U
Carbon Disulfide		10 U	10 U	10 U	10 U	10 U
Carbon Tetrachloride		10 U	10 U	10 U	10 U	10 U
Chlorobenzene		10 U	10 U	10 U	10 U	10 U
Chloroethane		10 U	10 U	10 U	10 U	10 U
Chloroform		10 U	10 U	10 U	10 U	10 U
Chloromethane		10 U	10 U	10 U	10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U
Cyclohexane		10 U	10 U	10 U	10 U	10 U
Dibromochloromethane		10 U	10 U	10 U	10 U	10 U
Dichlorodifluoromethane		10 U	10 U	10 U	10 U	10 U
Ethylbenzene		10 U	10 U	10 U	10 U	10 U
Isopropylbenzene		10 U	10 U	10 U	10 U	10 U
Methyl Acetate		10 U	10 U	10 U	10 U	10 U
Methyl tert-Butyl Ether		10 U	10 U	10 U	10 U	10 U
Methylcyclohexane		10 U	10 U	10 U	10 U	10 U
Methylene Chloride		10 U	10 U	10 U	10 U	10 U
Styrene		10 U	10 U	10 U	10 U	10 U
Tetrachloroethene		10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Toluene		10 U	10 U	10 U	10 U	10 U
trans-1,2-Dichloroethene		10 U	10 U	10 U	10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U	10 U	10 U	10 U
Trichloroethene		10 U	10 U	10 U	10 U	10 U
Trichlorofluoromethane		10 U	10 U	10 U	10 U	10 U
Vinyl Chloride		10 U	10 U	10 U	10 U	10 U
Xylenes (Total)		10 U	10 U	10 U	10 U	10 U

Table D-8-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Bruno/Brickyard Associates/Alonzo Site

Analyte / Sample ID: / Date:	BBA-GP01-GW 10/15/2003	BBA-GP02-GW 10/16/2003	BBA-GP03-GW 10/15/2003	BBA-GP03-GW/D 10/15/2003	BBA-GP04-GW 10/15/2003
TCL Semivolatile Organic Compounds (µg/L)					
1,1'-Biphenyl	10 U	10 U	10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U	25 U	25 U	25 U
2,4,6-Trichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	25 U	25 UJ	25 UJ	25 UJ	25 UJ
2-Nitrophenol	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10 U	10 UJ	10 UJ	10 UJ	10 UJ
3-Nitroaniline	25 U	25 U	25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol	25 U	25 U	25 U	25 U	25 U
4-Bromophenyl-Phenylether	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
4-Nitrophenol	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ
Acenaphthene	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10 U	10 U	10 U	10 U	10 U
Acetophenone	10 U	10 U	10 U	10 U	10 U
Anthracene	10 U	10 U	10 U	10 U	10 U
Atrazine	10 U	10 U	10 U	10 U	10 U
Benzaldehyde	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ
Benzo(a)anthracene	**3 J**	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	**2 J**	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane	10 U	10 U	10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate	10 U	**190**	10 U	10 U	10 U
Butylbenzylphthalate	10 U	10 U	10 U	10 U	10 U
Caprolactam	10 U	10 U	10 U	10 U	10 U
Carbazole	10 U	10 U	10 U	10 U	10 U
Chrysene	**3 J**	10 U	10 U	10 U	10 U
Dibenzo(a,h)-anthracene	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Dibenzofuran	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	10 U	10 U	10 U	10 U	10 U
Di-n-Butylphthalate	10 U	10 U	10 U	10 U	10 U

Table D-8-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Bruno/Brickyard Associates/Alonzo Site

Analyte / Sample ID: / Date:	BBA-GP01-GW 10/15/2003	BBA-GP02-GW 10/16/2003	BBA-GP03-GW 10/15/2003	BBA-GP03-GW/D 10/15/2003	BBA-GP04-GW 10/15/2003
Di-n-Octylphthalate	10 U	10 U	10 U	10 U	10 U
Fluoranthene	**7 J**	10 U	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U	25 U	25 U
Phenanthrene	**3 J**	10 U	10 U	10 U	10 U
Phenol	10 U	10 UJ	10 UJ	10 UJ	10 UJ
Pyrene	**5 J**	10 U	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)					
4,4'-DDD	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Endrin Ketone	**0.071 J**	0.1 U	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	**0.016 J**	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 U	5 U	5 U

Table D-8-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Bruno/Brickyard Associates/Alonzo Site

Analyte / Sample ID: / Date:	BBA-GP01-GW 10/15/2003	BBA-GP02-GW 10/16/2003	BBA-GP03-GW 10/15/2003	BBA-GP03-GW/D 10/15/2003	BBA-GP04-GW 10/15/2003
TAL Metals and Mercury (µg/L)					
Aluminum	27.7 U	27.7 U	27.7 U	27.7 U	27.7 U
Antimony	9.2 U	9.2 U	9.2 U	9.2 U	9.2 U
Arsenic	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
Barium	**50.5 B**	**64.7 B**	**55.5 B**	**56.1 B**	**42.5 B**
Beryllium	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U
Calcium	**97100**	**99700**	**70300**	**70100**	**42000**
Chromium	1 U	**2.2 B**	**7.5 B**	1 U	1 U
Cobalt	1.3 U	**4.8 B**	**1.9 B**	1.3 U	1.3 U
Copper	**1.1 B**	1 U	**1.5 B**	**1.8 B**	**1.5 B**
Iron	27.9 U	27.9 U	**4230**	**4030**	27.9 U
Lead	2.2 U	**2.2 B**	2.2 U	2.2 U	**2.2 B**
Magnesium	**28100**	**34800**	**21700**	**21600**	**16100**
Manganese	**685**	**785**	**1150**	**1140**	**266**
Nickel	2.3 U	**4.9 B**	**8.4 B**	2.3 U	2.3 U
Potassium	**2060 B**	**1570 B**	**1620 B**	**1630 B**	**1190 B**
Selenium	**4.2 BJ**	3.8 U	3.8 U	3.8 U	**5.1**
Silver	1.4 U	1.4 U	1.4 U	1.4 U	1.4 U
Sodium	**3010 B**	**9160 J**	**9640 J**	**9640 J**	**14100 J**
Thallium	6.8 U	6.8 U	6.8 U	6.8 U	6.8 U
Vanadium	0.9 U	0.9 U	0.9 U	0.9 U	0.9 U
Zinc	**20 B**	**23.8**	**26.6**	**28.7**	**23.5**
Mercury	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ	0.1 UJ
Total Cyanide (µg/L)					
Cyanide Tot.	5 U	5 U	5 U	5 U	5 U

Table D-8-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Bruno/Brickyard Associates/Alonzo Site

(1) New York State Department of Environmental Conservation, Technical and Operational Guidance Series #1.1.1: Class GA Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, 1998.

(2) EPA National Primary and Secondary Drinking Water Standards, 2002.

(3) Screening value is for sum of Iron and Manganese is 500 µg/L.

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.

BBA = Bruno/Brickyard Associates/Alonzo Site.

/D = Duplicate sample.

GW = Groundwater sample.

J = The reported value is an estimated quantity.

JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.

mg/L = Milligrams per liter

PCB = Polychlorinated biphenyl.

R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.

TAL = Target Analyte List.

TCL = Target Compound List.

U = The analyte was analyzed for but not detected at the value reported.

UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.

µg/L = Micrograms per liter.

- = Sample was not analyzed for this parameter.

Table D-8-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the Bruno/Brickyard Associates/Alonzo Site

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Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: / Date: / Depth:	MM-SS01 10/8/2003 0 - 2 in	MM-SS01/D 10/8/2003 0 - 2 in	MM-SS02 10/8/2003 0 - 2 in	MM-SS05 10/8/2003 0 - 2 in	MM-SS07 10/8/2003 0 - 2 in	MM-SS08 10/8/2003 0 - 2 in	MM-SS09 10/8/2003 0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)								
1,1,1-Trichloroethane		- -	- -	- -	- -	- -	13 U	- -
1,1,2,2-Tetrachloroethane		- -	- -	- -	- -	- -	13 U	- -
1,1,2-Trichloro-1,2,2-Trifluoroethane		- -	- -	- -	- -	- -	**6 J**	- -
1,1,2-Trichloroethane		- -	- -	- -	- -	- -	13 U	- -
1,1-Dichloroethane		- -	- -	- -	- -	- -	13 U	- -
1,1-Dichloroethene		- -	- -	- -	- -	- -	**2 J**	- -
1,2,4-Trichlorobenzene		- -	- -	- -	- -	- -	**3 J**	- -
1,2-Dibromo-3-Chloropropane		- -	- -	- -	- -	- -	13 U	- -
1,2-Dibromoethane		- -	- -	- -	- -	- -	13 U	- -
1,2-Dichlorobenzene		- -	- -	- -	- -	- -	13 U	- -
1,2-Dichloroethane		- -	- -	- -	- -	- -	13 U	- -
1,2-Dichloropropane		- -	- -	- -	- -	- -	13 U	- -
1,3-Dichlorobenzene		- -	- -	- -	- -	- -	13 U	- -
1,4-Dichlorobenzene		- -	- -	- -	- -	- -	13 U	- -
2-Butanone		- -	- -	- -	- -	- -	13 U	- -
2-Hexanone		- -	- -	- -	- -	- -	13 U	- -
4-Methyl-2-Pentanone		- -	- -	- -	- -	- -	13 U	- -
Acetone		- -	- -	- -	- -	- -	13 U	- -
Benzene		- -	- -	- -	- -	- -	13 U	- -
Bromodichloromethane		- -	- -	- -	- -	- -	13 U	- -
Bromoform		- -	- -	- -	- -	- -	13 U	- -
Bromomethane		- -	- -	- -	- -	- -	13 U	- -
Carbon Disulfide		- -	- -	- -	- -	- -	**3 J**	- -
Carbon Tetrachloride		- -	- -	- -	- -	- -	**1 J**	- -
Chlorobenzene		- -	- -	- -	- -	- -	13 U	- -
Chloroethane		- -	- -	- -	- -	- -	13 U	- -
Chloroform		- -	- -	- -	- -	- -	13 U	- -
Chloromethane		- -	- -	- -	- -	- -	13 U	- -
cis-1,2-Dichloroethene		- -	- -	- -	- -	- -	13 U	- -
cis-1,3-Dichloropropene		- -	- -	- -	- -	- -	13 U	- -
Cyclohexane		- -	- -	- -	- -	- -	**2 J**	- -

Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID:	MM-SS01	MM-SS01/D	MM-SS02	MM-SS05	MM-SS07	MM-SS08	MM-SS09
	Date:	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dibromochloromethane		--	--	--	--	--	13 U	--
Dichlorodifluoromethane		--	--	--	--	--	**6 J**	--
Ethylbenzene		--	--	--	--	--	**2 J**	--
Isopropylbenzene		--	--	--	--	--	**1 J**	--
Methyl Acetate		--	--	--	--	--	13 U	--
Methyl tert-Butyl Ether		--	--	--	--	--	13 U	--
Methylcyclohexane		--	--	--	--	--	**3 J**	--
Methylene Chloride		--	--	--	--	--	13 U	--
Styrene		--	--	--	--	--	**1 J**	--
Tetrachloroethene		--	--	--	--	--	**4 J**	--
Toluene		--	--	--	--	--	13 U	--
trans-1,2-Dichloroethene		--	--	--	--	--	**1 J**	--
trans-1,3-Dichloropropene		--	--	--	--	--	13 U	--
Trichloroethene		--	--	--	--	--	**2 J**	--
Trichlorofluoromethane		--	--	--	--	--	**3 J**	--
Vinyl Chloride		--	--	--	--	--	**1 J**	--
Xylenes (Total)		--	--	--	--	--	**5 J**	--
TCL Semivolatile Organic Compounds (µg/Kg)								
1,1'-Biphenyl		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2,2'-Oxybis(1- Chloropropane)		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2,4,5-Trichlorophenol		1000 U	1000 U	1500 U	1100 U	1000 U	1200 U	1600 U
2,4,6-Trichlorophenol		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2,4-Dichlorophenol		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2,4-Dimethylphenol		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2,4-Dinitrophenol		1000 UJ	1000 UJ	1500 UJ	1100 UJ	1000 UJ	1200 UJ	1600 UJ
2,4-Dinitrotoluene		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2,6-Dinitrotoluene		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2-Chloronaphthalene		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2-Chlorophenol		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2-Methylnaphthalene		410 U	410 U	610 U	**120 J**	410 U	**180 J**	620 U
2-Methylphenol		410 U	410 U	610 U	450 U	410 U	470 U	620 U
2-Nitroaniline		1000 U	1000 U	1500 U	1100 U	1000 U	1200 U	1600 U

Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-SS01 Date: 10/8/2003 Depth: 0 - 2 in	MM-SS01/D 10/8/2003 0 - 2 in	MM-SS02 10/8/2003 0 - 2 in	MM-SS05 10/8/2003 0 - 2 in	MM-SS07 10/8/2003 0 - 2 in	MM-SS08 10/8/2003 0 - 2 in	MM-SS09 10/8/2003 0 - 2 in
2-Nitrophenol	410 U	410 U	610 U	450 U	410 U	470 U	620 U
3,3'-Dichlorobenzidine	410 U	410 U	610 U	450 U	410 UJ	470 U	620 UJ
3-Nitroaniline	1000 U	1000 U	1500 U	1100 U	1000 U	1200 U	1600 U
4,6-Dinitro-2-Methylphenol	1000 U	1000 U	1500 U	1100 U	1000 U	1200 U	1600 U
4-Bromophenyl-Phenylether	410 U	410 U	610 U	450 U	410 U	470 U	620 U
4-Chloro-3-Methylphenol	410 U	**120 J**	610 U	450 U	410 U	470 U	620 U
4-Chloroaniline	410 U	410 U	610 U	450 U	410 U	470 U	620 U
4-Chlorophenyl-Phenyl Ether	410 U	410 U	610 U	450 U	410 U	470 U	620 U
4-Methylphenol	410 U	410 U	610 U	450 U	410 U	470 U	620 U
4-Nitroaniline	1000 U	1000 U	1500 U	1100 U	1000 U	1200 U	1600 U
4-Nitrophenol	1000 UJ	**440 J**	1500 UJ	1100 UJ	1000 UJ	1200 UJ	1600 UJ
Acenaphthene	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Acenaphthylene	**85 J**	**130 J**	610 U	450 U	410 U	**740**	620 U
Acetophenone	410 U	410 U	610 U	**1000**	410 U	470 U	620 U
Anthracene	**210 J**	**310 J**	610 U	**150 J**	**180 J**	**700**	620 U
Atrazine	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Benzaldehyde	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Benzo(a)anthracene	**740**	**1100**	**260 J**	**510**	**570**	**1800**	620 U
Benzo(a)pyrene	**840**	**1100**	**270 J**	**460**	**490**	**1800**	620 U
Benzo(b)fluoranthene	**910**	**2300**	**370 J**	**720**	**660**	**2600**	620 U
Benzo(g,h,i)perylene	**420**	**700**	**200 J**	**210 J**	**230 J**	**890**	620 UJ
Benzo(k)fluoranthene	**890**	410 U	**280 J**	**470**	**440**	**1500**	620 U
Bis(2-Chloroethoxy)Methane	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Bis-(2-Chloroethyl)Ether	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Bis(2-Ethylhexyl)Phthalate	**87 J**	**210 J**	**290 J**	**740**	**150 J**	**98 J**	620 U
Butylbenzylphthalate	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Caprolactam	410 U	410 U	610 U	450 U	410 U	470 U	620 U
Carbazole	**130 J**	**160 J**	610 UJ	450 UJ	**140 J**	**150 J**	620 UJ
Chrysene	**880**	**1300**	**350 J**	**720**	**690**	**2100**	620 U
Dibenzo(a,h)-anthracene	**300 J**	**480**	610 U	**150 J**	**150 J**	**640**	620 U
Dibenzofuran	410 U	410 U	610 U	450 U	410 U	**100 J**	620 U
Diethylphthalate	410 U	410 U	610 U	450 U	410 U	470 U	620 U

Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: / Date: / Depth:	MM-SS01 10/8/2003 0 - 2 in	MM-SS01/D 10/8/2003 0 - 2 in	MM-SS02 10/8/2003 0 - 2 in	MM-SS05 10/8/2003 0 - 2 in	MM-SS07 10/8/2003 0 - 2 in	MM-SS08 10/8/2003 0 - 2 in	MM-SS09 10/8/2003 0 - 2 in
Dimethylphthalate		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Di-n-Butylphthalate		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Di-n-Octylphthalate		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Fluoranthene		**1300**	**1900**	**560 J**	**1100**	**1400**	**3500**	620 U
Fluorene		410 U	**84 J**	610 U	450 U	410 U	**100 J**	620 U
Hexachlorobenzene		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Hexachlorobutadiene		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Hexachlorocyclo-Pentadiene		410 UJ	410 UJ	610 UJ	450 UJ	410 UJ	470 UJ	620 UJ
Hexachloroethane		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Indeno(1,2,3-cd)-pyrene		**700**	**1100**	**230 J**	**330 J**	**350 J**	**1600**	620 U
Isophorone		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Naphthalene		410 U	410 U	610 U	**95 J**	410 U	**140 J**	620 U
Nitrobenzene		410 U	410 U	610 U	450 U	410 U	470 U	620 U
n-Nitroso Diphenylamine		410 U	410 U	610 U	450 U	410 U	470 U	620 U
n-Nitroso-Di-n Propylamine		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Pentachlorophenol		1000 U	1000 U	1500 U	1100 U	1000 U	1200 U	1600 U
Phenanthrene		**830**	**1300**	**240 J**	**710**	**840**	**1500**	620 U
Phenol		410 U	410 U	610 U	450 U	410 U	470 U	620 U
Pyrene		**1300**	**2000**	**500 J**	**980**	**1100**	**2800**	620 U
TCL Pesticides and PCBs (µg/Kg)								
4,4'-DDD		4.1 U	4.1 U	6.1 U	**15 J**	4.1 U	4.7 U	6.2 U
4,4'-DDE		**5.5**	**7.4**	**12**	**28**	4.1 U	4.7 U	6.2 U
4,4'-DDT		**24**	**32**	**29**	**360**	4.1 U	4.7 U	6.2 U
Aldrin		2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Alpha-BHC		2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Alpha-Chlordane		2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Aroclor-1016		41 U	41 U	61 U	45 U	41 U	47 U	62 U
Aroclor-1221		83 U	84 U	120 U	92 U	84 U	96 U	130 U
Aroclor-1232		41 U	41 U	61 U	45 U	41 U	47 U	62 U
Aroclor-1242		41 U	41 U	61 U	45 U	41 U	47 U	62 U
Aroclor-1248		41 U	41 U	61 U	45 U	41 U	47 U	62 U
Aroclor-1254		41 U	41 U	61 U	45 U	41 U	47 U	62 U

Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte / Sample ID:	MM-SS01	MM-SS01/D	MM-SS02	MM-SS05	MM-SS07	MM-SS08	MM-SS09
Date:	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003
Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Aroclor-1260	41 U	41 U	61 U	45 U	41 U	47 U	62 U
Beta-BHC	2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Delta-BBHC	2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Dieldrin	4.1 U	4.1 U	6.1 U	**7.2**	4.1 U	4.7 U	6.2 U
Endosulfan I	2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Endosulfan II	4.1 U	4.1 U	6.1 U	4.5 U	4.1 U	4.7 U	6.2 U
Endosulfan Sulfate	4.1 U	4.1 U	6.1 U	4.5 U	4.1 U	4.7 U	6.2 U
Endrin	4.1 U	4.1 U	6.1 U	4.5 U	4.1 U	4.7 U	6.2 U
Endrin Aldehyde	**3.9 J**	**4.5 JN**	6.1 U	4.5 U	4.1 U	4.7 U	6.2 U
Endrin Ketone	4.1 U	4.1 U	6.1 U	4.5 U	4.1 U	4.7 U	6.2 U
Gamma-BHC (Lindane)	2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Gamma-Chlordane	2.1 U	2.1 U	3.1 U	**1.2 J**	2.1 U	2.4 U	3.2 U
Heptachlor	2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Heptachlor Epoxide	2.1 U	2.1 U	3.1 U	2.3 U	2.1 U	2.4 U	3.2 U
Methoxychlor	21 U	21 U	31 U	**44 J**	21 U	**44 R**	32 U
Toxaphene	210 U	210 U	310 U	230 U	210 U	240 U	320 U
Herbicides (µg/Kg)							
2,4,5-T	--	--	--	--	--	43.0 U	--
2,4,5-TP (SILVEX)	--	--	--	--	--	43.0 U	--
2,4-D	--	--	--	--	--	43.0 U	--
2,4-DB	--	--	--	--	--	43.0 U	--
Dalapon	--	--	--	--	--	129 U	--
Dicamba	--	--	--	--	--	43.0 U	--
Dichlorprop	--	--	--	--	--	43.0 U	--
Dinoseb	--	--	--	--	--	43.0 U	--
MCPA	--	--	--	--	--	12900 U	--
MCPP	--	--	--	--	--	12900 U	--
TAL Metals and Mercury (mg/Kg)							
Aluminum	**5960**	**6380**	**6530**	**6230**	**14800**	**5530**	**8500**
Antimony	**2.1 B**	**4.4 B**	**4.2 B**	**3.4 B**	1.8 U	2.1 U	**3.4 B**
Arsenic	**6.3**	**9.4**	**15.2**	**12.1**	**10.5**	**41.8**	**8.3**
Barium	**231**	**269**	**886**	**7100**	**141**	**78.1**	**3520**

Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID:	MM-SS01	MM-SS01/D	MM-SS02	MM-SS05	MM-SS07	MM-SS08	MM-SS09
	Date:	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003	10/8/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Beryllium		0.38 B	0.43 B	0.43 B	0.28 B	0.83 B	0.4 B	0.34 B
Cadmium		1.1 B	1.2 B	2.7	5.2	0.13 U	0.15 U	25.7
Calcium		12900	12400	20400	20700	24800	17700	113000
Chromium		28	23.6	41.3	25	20	15.2	29.5
Cobalt		6.5 B	7.5 B	9.4 B	13.8 B	16.5	8.2 B	8.5 B
Copper		54.1	59.7	153	50.3	58	77.2	1120
Iron		17200	19100	33200	15200	32900	20800	15000
Lead		499	773	1180	8610	48.9	185	940
Magnesium		4520	4590	4330	5160	9400	6040	11300
Manganese		353	404	480	180	702	396	469
Nickel		40.3	45.1	31.4	27.8	33.1	21	29.7
Potassium		954 B	1070 B	1100 B	751 B	2770	949 B	1860
Selenium		1.3	1.7	2.6	2.4	0.71 B	1.4 B	0.68 U
Silver		0.97 B	1.2 B	1 B	0.45 U	0.38 U	0.44 U	0.53 U
Sodium		135 U	150 U	194 U	167 B	137 U	161 U	346 B
Thallium		1 U	1.2 U	1.5 U	1.2 U	1.1 U	1.2 U	1.5 U
Vanadium		20.9	24.3	32.5	19.6	31.4	20.5	107
Zinc		481	531	1350	7700	109	183	4020
Mercury		0.52	0.56	0.72	0.37	0.06 U	0.3	0.21 J
Total Cyanide (mg/Kg)								
Cyanide Tot.		0.35	0.2 U	0.21 U	0.18 U	0.15 U	0.27	0.35
Total Petroleum Hydrocarbons (mg/Kg)								
n-Hexane Extractable Material		- -	- -	- -	- -	- -	523 U	- -
Percent Moisture (wt%)								
Percent Moisture		- -	- -	- -	- -	- -	26.7	- -
Percent Solids (%)								
Percent Solids, 105DegC		80	61	58	66	82	69	53

Table D-9-1
Complete Analytical Data Summary for Surface Soil Samples from the State of New York/First Rensselaer/Marine Management Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
MM = State of New York/First Rensselaer/Marine Management Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-9-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-GP01-SB Date: 10/6/2003 Depth: 8 - 12 ft	MM-GP02-SB 10/3/2003 6 - 8 ft	MM-GP04-SB 10/6/2003 8 - 10 ft
TCL Volatile Organic Compounds (µg/Kg)			
1,1,1-Trichloroethane	17 U	10 U	14 UJ
1,1,2,2-Tetrachloroethane	17 U	10 U	**14 R**
1,1,2-Trichloro-1,2,2-Trifluoroethane	17 U	10 U	14 UJ
1,1,2-Trichloroethane	17 U	10 U	14 UJ
1,1-Dichloroethane	17 U	10 U	14 UJ
1,1-Dichloroethene	17 U	10 U	14 UJ
1,2,4-Trichlorobenzene	17 U	10 U	**14 R**
1,2-Dibromo-3-Chloropropane	**17 R**	**10 R**	**14 R**
1,2-Dibromoethane	17 U	10 U	**14 R**
1,2-Dichlorobenzene	17 U	10 U	**14 R**
1,2-Dichloroethane	17 U	10 U	14 UJ
1,2-Dichloropropane	17 U	10 U	14 UJ
1,3-Dichlorobenzene	17 U	10 U	**14 R**
1,4-Dichlorobenzene	17 U	10 U	**14 R**
2-Butanone	17 U	10 U	14 UJ
2-Hexanone	17 UJ	10 UJ	**14 R**
4-Methyl-2-Pentanone	17 U	10 U	**14 R**
Acetone	17 U	10 U	25 UJ
Benzene	17 U	10 U	14 UJ
Bromodichloromethane	17 U	10 U	14 UJ
Bromoform	17 U	10 U	14 UJ
Bromomethane	17 U	10 U	14 UJ
Carbon Disulfide	17 U	10 U	**1 J**
Carbon Tetrachloride	17 U	10 U	14 UJ
Chlorobenzene	17 U	10 U	**14 R**
Chloroethane	17 U	10 U	14 UJ
Chloroform	17 U	10 U	14 UJ
Chloromethane	17 U	10 U	14 UJ
cis-1,2-Dichloroethene	17 U	10 U	14 UJ
cis-1,3-Dichloropropene	17 U	10 U	14 UJ
Cyclohexane	17 U	10 U	**3 J**
Dibromochloromethane	17 U	10 U	14 UJ
Dichlorodifluoromethane	17 U	10 U	14 UJ
Ethylbenzene	17 U	10 U	**14 R**
Isopropylbenzene	17 U	10 U	**14 R**
Methyl Acetate	17 U	10 U	14 UJ
Methyl tert-Butyl Ether	17 U	10 U	14 UJ
Methylcyclohexane	17 U	10 U	**3 J**
Methylene Chloride	17 U	10 U	14 UJ
Styrene	17 U	10 U	**14 R**
Tetrachloroethene	17 U	10 U	**14 R**
Toluene	**1 J**	10 U	**6 J**
trans-1,2-Dichloroethene	17 U	10 U	14 UJ

Table D-9-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-GP01-SB Date: 10/6/2003 Depth: 8 - 12 ft	MM-GP02-SB 10/3/2003 6 - 8 ft	MM-GP04-SB 10/6/2003 8 - 10 ft
trans-1,3-Dichloropropene	17 U	10 U	14 UJ
Trichloroethene	17 U	10 U	14 UJ
Trichlorofluoromethane	17 U	10 U	14 UJ
Vinyl Chloride	17 U	10 U	14 UJ
Xylenes (Total)	17 U	10 U	**4 J**
TCL Semivolatile Organic Compounds (µg/Kg)			
1,1'-Biphenyl	380 U	390 U	420 U
2,2'-Oxybis(1- Chloropropane)	380 U	390 U	420 U
2,4,5-Trichlorophenol	970 U	990 U	1100 U
2,4,6-Trichlorophenol	380 U	390 U	420 U
2,4-Dichlorophenol	380 U	390 U	420 U
2,4-Dimethylphenol	380 U	390 U	420 U
2,4-Dinitrophenol	970 U	990 U	1100 U
2,4-Dinitrotoluene	380 U	390 U	420 U
2,6-Dinitrotoluene	380 U	390 U	420 U
2-Chloronaphthalene	380 U	390 U	420 U
2-Chlorophenol	380 U	390 U	420 U
2-Methylnaphthalene	380 U	390 U	420 U
2-Methylphenol	380 U	390 U	420 U
2-Nitroaniline	970 U	990 U	1100 U
2-Nitrophenol	380 U	390 U	420 U
3,3'-Dichlorobenzidine	380 UJ	390 UJ	420 UJ
3-Nitroaniline	970 U	990 U	1100 U
4,6-Dinitro-2-Methylphenol	970 U	990 U	1100 U
4-Bromophenyl-Phenylether	380 U	390 U	420 U
4-Chloro-3-Methylphenol	380 U	390 U	420 U
4-Chloroaniline	380 U	390 U	420 U
4-Chlorophenyl-Phenyl Ether	380 U	390 U	420 U
4-Methylphenol	380 U	390 U	420 U
4-Nitroaniline	970 U	990 U	1100 U
4-Nitrophenol	970 UJ	990 UJ	1100 UJ
Acenaphthene	380 U	390 U	420 U
Acenaphthylene	380 U	390 U	420 U
Acetophenone	380 U	390 U	420 U
Anthracene	380 U	**130 J**	**140 J**
Atrazine	380 U	390 U	420 U
Benzaldehyde	380 U	390 U	420 U
Benzo(a)anthracene	**190 J**	**300 J**	**480**
Benzo(a)pyrene	**280 J**	**350 J**	**490**
Benzo(b)fluoranthene	**250 J**	**180 J**	**370 J**
Benzo(g,h,i)perylene	**93 J**	**110 J**	**160 J**
Benzo(k)fluoranthene	**300 J**	**310 J**	**490**
Bis(2-Chloroethoxy)Methane	380 U	390 U	420 U
Bis-(2-Chloroethyl)Ether	380 U	390 U	420 U

Table D-9-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-GP01-SB Date: 10/6/2003 Depth: 8 - 12 ft	MM-GP02-SB 10/3/2003 6 - 8 ft	MM-GP04-SB 10/6/2003 8 - 10 ft
Bis(2-Ethylhexyl)Phthalate	380 U	390 U	420 U
Butylbenzylphthalate	380 U	390 U	420 U
Caprolactam	380 U	390 U	420 U
Carbazole	380 UJ	390 UJ	420 UJ
Chrysene	**210 J**	**280 J**	**480**
Dibenzo(a,h)-anthracene	**88 J**	390 U	**120 J**
Dibenzofuran	380 U	390 U	420 U
Diethylphthalate	380 U	390 U	420 U
Dimethylphthalate	380 U	390 U	420 U
Di-n-Butylphthalate	380 U	390 U	420 U
Di-n-Octylphthalate	380 U	390 U	420 U
Fluoranthene	**250 J**	**750**	**800**
Fluorene	380 U	390 U	420 U
Hexachlorobenzene	380 U	390 U	420 U
Hexachlorobutadiene	380 U	390 U	420 U
Hexachlorocyclo-Pentadiene	380 UJ	390 UJ	420 UJ
Hexachloroethane	380 U	390 U	420 U
Indeno(1,2,3-cd)-pyrene	**230 J**	**210 J**	**330 J**
Isophorone	380 U	390 U	420 U
Naphthalene	380 U	390 U	420 U
Nitrobenzene	380 U	390 U	420 U
n-Nitroso Diphenylamine	380 U	390 U	420 U
n-Nitroso-Di-n Propylamine	380 U	390 U	420 U
Pentachlorophenol	970 U	990 U	1100 U
Phenanthrene	380 U	**620**	**360 J**
Phenol	380 U	390 U	420 U
Pyrene	**250 J**	**900**	**790**
TCL Pesticides and PCBs (µg/Kg)			
4,4'-DDD	3.8 U	3.9 U	4.2 U
4,4'-DDE	**4.6 J**	3.9 U	4.2 U
4,4'-DDT	**13 J**	3.9 U	4.2 U
Aldrin	2 U	2 U	2.2 U
Alpha-BHC	2 U	2 U	2.2 U
Alpha-Chlordane	2 U	2 U	2.2 U
Aroclor-1016	38 U	39 U	42 U
Aroclor-1221	78 U	80 U	86 U
Aroclor-1232	38 U	39 U	42 U
Aroclor-1242	38 U	39 U	42 U
Aroclor-1248	38 U	39 U	42 U
Aroclor-1254	38 U	39 U	42 U
Aroclor-1260	38 U	39 U	42 U
Beta-BHC	2 U	2 U	2.2 U
Delta-BBHC	2 U	2 U	2.2 U
Dieldrin	3.8 U	3.9 U	4.2 U

Table D-9-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-GP01-SB Date: 10/6/2003 Depth: 8 - 12 ft	MM-GP02-SB 10/3/2003 6 - 8 ft	MM-GP04-SB 10/6/2003 8 - 10 ft
Endosulfan I	2 U	2 U	2.2 U
Endosulfan II	3.8 U	3.9 U	4.2 U
Endosulfan Sulfate	3.8 U	3.9 U	4.2 U
Endrin	3.8 U	3.9 U	4.2 U
Endrin Aldehyde	3.8 U	3.9 U	4.2 U
Endrin Ketone	3.8 U	3.9 U	4.2 U
Gamma-BHC (Lindane)	2 U	2 U	2.2 U
Gamma-Chlordane	2 U	2 U	2.2 U
Heptachlor	2 U	2 U	2.2 U
Heptachlor Epoxide	2 U	2 U	2.2 U
Methoxychlor	20 U	20 U	22 U
Toxaphene	200 U	200 U	220 U
TAL Metals and Mercury (mg/Kg)			
Aluminum	**6460**	**4170**	**5620**
Antimony	**4.8 B**	1.7 U	1.7 U
Arsenic	**18.1**	1 U	**4.3 J**
Barium	**978**	**21.2 B**	**37.9 B**
Beryllium	**0.5 B**	**0.21 B**	**0.31 B**
Cadmium	**3.8**	0.12 U	0.11 U
Calcium	**13600**	**1220**	**8330**
Chromium	**82.7**	**5.8**	**12**
Cobalt	**10.6 B**	**4.2 B**	**5.8 B**
Copper	**151**	**9.3 J**	**29.4**
Iron	**44200**	**10900**	**22600**
Lead	**1380**	**11.5**	**39.5**
Magnesium	**3050**	**2240**	**6120**
Manganese	**758 J**	**150**	**189 J**
Nickel	**33.4**	**9.5**	**13.6**
Potassium	**978 B**	**377 B**	**658 B**
Selenium	0.44 UJ	0.44 U	0.44 UJ
Silver	**0.62 B**	0.35 U	0.34 U
Sodium	**445 B**	128 U	126 U
Thallium	0.98 U	0.98 U	0.97 U
Vanadium	**23.8**	**6.4 B**	**11 B**
Zinc	**1880**	**37.1**	**166**
Mercury	**0.79**	0.06 U	**0.06 BJ**
Total Cyanide (mg/Kg)			
Cyanide Tot.	**1**	0.14 U	**0.22**
Percent Solids (%)			
Percent Solids, 105DegC	**78**	**85**	**78**

Table D-9-2
Complete Analytical Data Summary for Subsurface Soil Samples from the State of New York/First Rensselaer/Marine Management Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
ft = Feet.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
MM = State of New York/First Rensselaer/Marine Management Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-9-2
Complete Analytical Data Summary for Subsurface Soil Samples
from the State of New York/First Rensselaer/Marine Management Site

Table D-9-3
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-GP01-GW Date: 10/10/2003	MM-GP02-GW 10/10/2003	MM-GP04-GW 10/15/2003
TCL Volatile Organic Compounds (µg/L)			
1,1,1-Trichloroethane	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U
1,1-Dichloroethane	10 U	10 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	10 U	10 U	10 U
1,2-Dibromoethane	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U
2-Butanone	10 U	10 U	10 U
2-Hexanone	10 U	10 U	10 U
4-Methyl-2-Pentanone	10 U	10 U	10 U
Acetone	10 U	10 U	10 U
Benzene	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U
Bromoform	10 U	10 U	10 U
Bromomethane	10 UJ	10 U	10 U
Carbon Disulfide	10 U	10 U	10 U
Carbon Tetrachloride	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U
Chloroethane	10 UJ	10 U	10 U
Chloroform	10 U	10 U	10 U
Chloromethane	10 UJ	10 U	10 U
cis-1,2-Dichloroethene	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U
Cyclohexane	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U
Dichlorodifluoromethane	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U
Isopropylbenzene	10 U	10 U	10 U
Methyl Acetate	10 U	10 U	10 U
Methyl tert-Butyl Ether	10 U	10 U	10 U
Methylcyclohexane	10 U	10 U	10 U
Methylene Chloride	10 U	10 U	10 U
Styrene	10 U	10 U	10 U
Tetrachloroethene	**2 J**	10 U	10 U
Toluene	10 U	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U
Trichloroethene	**4 J**	10 U	10 U
Trichlorofluoromethane	10 U	10 U	10 U
Vinyl Chloride	10 UJ	10 U	10 U
Xylenes (Total)	10 U	10 U	10 U

Table D-9-3
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: / Date:	MM-GP01-GW 10/10/2003	MM-GP02-GW 10/10/2003	MM-GP04-GW 10/15/2003
TCL Semivolatile Organic Compounds (µg/L)				
1,1'-Biphenyl		10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U	10 U
2,4,5-Trichlorophenol		26 U	25 U	25 U
2,4,6-Trichlorophenol		10 U	10 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U
2,4-Dinitrophenol		26 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U
2-Chlorophenol		10 U	10 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U
2-Methylphenol		10 U	10 U	10 U
2-Nitroaniline		26 U	25 U	25 U
2-Nitrophenol		10 U	10 U	10 U
3,3'-Dichlorobenzidine		10 U	10 U	10 U
3-Nitroaniline		26 U	25 U	25 U
4,6-Dinitro-2-Methylphenol		26 U	25 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U
4-Nitroaniline		26 UJ	25 UJ	25 UJ
4-Nitrophenol		26 UJ	25 UJ	25 UJ
Acenaphthene		10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U
Anthracene		10 U	10 U	10 U
Atrazine		10 U	10 U	10 U
Benzaldehyde		10 UJ	10 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U
Benzo(k)fluoranthene		10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U
Caprolactam		**390**	10 U	**6 J**
Carbazole		10 U	10 U	10 U
Chrysene		10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U
Dimethylphthalate		10 U	10 U	10 U
Di-n-Butylphthalate		10 U	10 U	10 U

Table D-9-3
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the State of New York/First Rensselaer/Marine Management Site

Analyte / Sample ID: / Date:	MM-GP01-GW 10/10/2003	MM-GP02-GW 10/10/2003	MM-GP04-GW 10/15/2003
Di-n-Octylphthalate	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 UJ	10 UJ	10 UJ
Hexachloroethane	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U	10 U
Pentachlorophenol	26 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U
Phenol	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)			
4,4'-DDD	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 U
TAL Metals and Mercury (µg/L)			
Aluminum	**56.8 B**	**762**	**54.7 B**
Antimony	9.2 U	9.2 U	9.2 U

Table D-9-3
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the State of New York/First Rensselaer/Marine Management Site

Analyte	Sample ID: MM-GP01-GW Date: 10/10/2003	MM-GP02-GW 10/10/2003	MM-GP04-GW 10/15/2003
Arsenic	5.8 U	5.8 U	5.8 U
Barium	**28.7 B**	**64.4 B**	**72.9 B**
Beryllium	0.1 U	**0.23 B**	0.1 U
Cadmium	0.7 U	0.7 U	0.7 U
Calcium	**64400**	**29200**	**82600**
Chromium	1 U	1 U	1 U
Cobalt	**4.7 B**	**6.5 B**	**4.9 B**
Copper	1 U	**3.3 B**	**2 B**
Iron	27.9 U	**5710**	**431**
Lead	2.2 U	**7.5**	2.2 U
Magnesium	**11300**	**5290**	**24400**
Manganese	**66.4 J**	**316 J**	**4120 J**
Nickel	2.3 U	2.3 U	2.3 U
Potassium	**3600 B**	**1090 B**	**1190 B**
Selenium	3.8 U	3.8 U	3.8 U
Silver	1.4 UJ	1.4 UJ	1.4 UJ
Sodium	**14400**	**12400**	**5160**
Thallium	6.8 U	6.8 U	6.8 U
Vanadium	**0.98 B**	**3.8 B**	0.9 U
Zinc	**28.4 J**	**41.2 J**	**30.2 J**
Mercury	0.1 U	0.1 U	0.1 U
Total Cyanide (µg/L)			
Cyanide Tot.	5 U	5 U	5 U

Table D-9-3
Complete Analytical Data Summary for Groundwater Samples from the State of New York/First Rensselaer/Marine Management Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
GW = Groundwater sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
MM = State of New York/First Rensselaer/Marine Management Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples
from the OG Real Estate Site

Analyte	Sample ID:	OG-SS01	OG-SS02	OG-SS03	OG-SS04	OG-SS05	OG-SS06	OG-SS07	OG-SS08
	Date:	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)									
1,1,1-Trichloroethane		--	--	--	--	--	14 U	10 UJ	15 U
1,1,2,2-Tetrachloroethane		--	--	--	--	--	14 U	**10 R**	15 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane		--	--	--	--	--	14 U	10 UJ	15 U
1,1,2-Trichloroethane		--	--	--	--	--	14 U	10 UJ	15 U
1,1-Dichloroethane		--	--	--	--	--	14 U	10 U	15 U
1,1-Dichloroethene		--	--	--	--	--	14 U	10 U	15 U
1,2,4-Trichlorobenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
1,2-Dibromo-3-Chloropropane		--	--	--	--	--	14 U	**10 R**	15 UJ
1,2-Dibromoethane		--	--	--	--	--	14 U	**10 R**	15 UJ
1,2-Dichlorobenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
1,2-Dichloroethane		--	--	--	--	--	14 U	10 U	15 U
1,2-Dichloropropane		--	--	--	--	--	14 U	10 UJ	15 U
1,3-Dichlorobenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
1,4-Dichlorobenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
2-Butanone		--	--	--	--	--	14 U	10 U	15 U
2-Hexanone		--	--	--	--	--	14 U	**10 R**	15 UJ
4-Methyl-2-Pentanone		--	--	--	--	--	14 U	**10 R**	15 UJ
Acetone		--	--	--	--	--	14 U	10 UJ	15 U
Benzene		--	--	--	--	--	14 U	10 UJ	15 U
Bromodichloromethane		--	--	--	--	--	14 U	10 UJ	15 U
Bromoform		--	--	--	--	--	14 U	10 UJ	15 U
Bromomethane		--	--	--	--	--	14 U	10 U	15 U
Carbon Disulfide		--	--	--	--	--	14 U	10 U	15 U
Carbon Tetrachloride		--	--	--	--	--	14 U	10 UJ	15 U
Chlorobenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
Chloroethane		--	--	--	--	--	14 U	10 U	15 U
Chloroform		--	--	--	--	--	14 U	10 U	15 U
Chloromethane		--	--	--	--	--	14 U	10 U	15 U
cis-1,2-Dichloroethene		--	--	--	--	--	14 U	10 U	15 U
cis-1,3-Dichloropropene		--	--	--	--	--	14 U	10 UJ	15 U
Cyclohexane		--	--	--	--	--	14 U	10 UJ	15 U

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples
from the OG Real Estate Site

Analyte	Sample ID:	OG-SS01	OG-SS02	OG-SS03	OG-SS04	OG-SS05	OG-SS06	OG-SS07	OG-SS08
	Date:	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Dibromochloromethane		--	--	--	--	--	14 UJ	10 UJ	15 UJ
Dichlorodifluoromethane		--	--	--	--	--	14 U	10 U	15 U
Ethylbenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
Isopropylbenzene		--	--	--	--	--	14 U	**10 R**	15 UJ
Methyl Acetate		--	--	--	--	--	14 U	10 U	**4 J**
Methyl tert-Butyl Ether		--	--	--	--	--	14 U	10 U	15 U
Methylcyclohexane		--	--	--	--	--	14 U	10 UJ	15 U
Methylene Chloride		--	--	--	--	--	14 U	10 UJ	15 U
Styrene		--	--	--	--	--	14 U	**10 R**	15 UJ
Tetrachloroethene		--	--	--	--	--	14 U	**10 R**	15 UJ
Toluene		--	--	--	--	--	14 U	**3 J**	15 UJ
trans-1,2-Dichloroethene		--	--	--	--	--	14 U	10 U	15 U
trans-1,3-Dichloropropene		--	--	--	--	--	14 U	10 UJ	15 U
Trichloroethene		--	--	--	--	--	14 U	10 UJ	15 U
Trichlorofluoromethane		--	--	--	--	--	14 UJ	10 U	15 UJ
Vinyl Chloride		--	--	--	--	--	14 U	10 U	15 U
Xylenes (Total)		--	--	--	--	--	14 U	**10 R**	15 UJ
TCL Semivolatile Organic Compounds (µg/Kg)									
1,1'-Biphenyl		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2,2'-Oxybis(1- Chloropropane)		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2,4,5-Trichlorophenol		1100 U	1300 U	1200 U	1500 UJ	1200 U	1100 U	1300 U	12000 U
2,4,6-Trichlorophenol		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2,4-Dichlorophenol		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2,4-Dimethylphenol		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2,4-Dinitrophenol		1100 UJ	1300 UJ	1200 UJ	1500 UJ	1200 U	1100 UJ	1300 UJ	12000 UJ
2,4-Dinitrotoluene		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2,6-Dinitrotoluene		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2-Chloronaphthalene		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2-Chlorophenol		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2-Methylnaphthalene		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	**1800 J**
2-Methylphenol		440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
2-Nitroaniline		1100 U	1300 U	1200 U	1500 UJ	1200 U	1100 U	1300 U	12000 U

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples
from the OG Real Estate Site

Analyte	Sample ID: OG-SS01 Date: 10/7/2003 Depth: 0 - 2 in	OG-SS02 10/7/2003 0 - 2 in	OG-SS03 10/7/2003 0 - 2 in	OG-SS04 10/7/2003 0 - 2 in	OG-SS05 10/7/2003 0 - 2 in	OG-SS06 10/7/2003 0 - 2 in	OG-SS07 10/7/2003 0 - 2 in	OG-SS08 10/7/2003 0 - 2 in
2-Nitrophenol	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
3,3'-Dichlorobenzidine	440 U	520 U	490 U	580 UJ	470 UJ	430 UJ	520 UJ	4600 U
3-Nitroaniline	1100 U	1300 U	1200 U	1500 UJ	1200 U	1100 UJ	1300 UJ	12000 U
4,6-Dinitro-2-Methylphenol	1100 U	1300 U	1200 U	1500 UJ	1200 U	1100 UJ	1300 UJ	12000 U
4-Bromophenyl-Phenylether	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
4-Chloro-3-Methylphenol	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
4-Chloroaniline	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
4-Chlorophenyl-Phenyl Ether	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
4-Methylphenol	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
4-Nitroaniline	1100 U	1300 U	1200 U	1500 UJ	1200 U	1100 U	1300 U	12000 U
4-Nitrophenol	1100 U	1300 U	1200 U	1500 UJ	1200 UJ	1100 UJ	1300 UJ	12000 UJ
Acenaphthene	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	**1300 J**
Acenaphthylene	440 U	520 U	490 U	580 UJ	470 U	430 U	**300 J**	**12000**
Acetophenone	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Anthracene	440 U	520 U	490 U	580 UJ	470 U	430 U	**300 J**	**12000**
Atrazine	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Benzaldehyde	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Benzo(a)anthracene	**140 J**	520 U	490 U	580 UJ	**110 J**	430 U	**730**	**51000**
Benzo(a)pyrene	**170 J**	520 U	490 U	580 UJ	**130 J**	430 U	**650**	**36000**
Benzo(b)fluoranthene	**230 J**	520 U	490 U	580 UJ	**96 J**	430 U	**740**	**59000**
Benzo(g,h,i)perylene	**110 J**	520 U	490 U	580 UJ	470 U	430 UJ	520 UJ	**14000**
Benzo(k)fluoranthene	**160 J**	520 U	490 U	580 UJ	**140 J**	430 U	**830**	**16000**
Bis(2-Chloroethoxy)Methane	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Bis-(2-Chloroethyl)Ether	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Bis(2-Ethylhexyl)Phthalate	440 U	520 U	490 U	580 UJ	**200 J**	430 U	**350 J**	4600 U
Butylbenzylphthalate	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Caprolactam	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Carbazole	440 U	520 U	490 U	580 UJ	470 UJ	430 UJ	520 UJ	**3500 J**
Chrysene	**210 J**	520 U	490 U	580 UJ	**140 J**	430 U	**860**	**56000**
Dibenzo(a,h)-anthracene	440 U	520 U	490 U	580 UJ	470 U	430 U	**180 J**	**12000**
Dibenzofuran	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	**1800 J**
Diethylphthalate	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples
from the OG Real Estate Site

Analyte	Sample ID: OG-SS01 Date: 10/7/2003 Depth: 0 - 2 in	OG-SS02 10/7/2003 0 - 2 in	OG-SS03 10/7/2003 0 - 2 in	OG-SS04 10/7/2003 0 - 2 in	OG-SS05 10/7/2003 0 - 2 in	OG-SS06 10/7/2003 0 - 2 in	OG-SS07 10/7/2003 0 - 2 in	OG-SS08 10/7/2003 0 - 2 in
Dimethylphthalate	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Di-n-Butylphthalate	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Di-n-Octylphthalate	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Fluoranthene	**260 J**	520 U	490 U	580 UJ	**180 J**	430 U	**1100**	**99000**
Fluorene	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	**1700 J**
Hexachlorobenzene	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Hexachlorobutadiene	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Hexachlorocyclo-Pentadiene	440 U	520 U	490 U	580 UJ	470 UJ	430 UJ	520 UJ	4600 U
Hexachloroethane	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Indeno(1,2,3-cd)-pyrene	**170 J**	520 U	490 U	580 UJ	470 U	430 UJ	**450 J**	**28000**
Isophorone	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Naphthalene	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	**1700 J**
Nitrobenzene	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
n-Nitroso Diphenylamine	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
n-Nitroso-Di-n Propylamine	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Pentachlorophenol	1100 U	1300 U	1200 U	1500 UJ	1200 U	1100 U	1300 U	12000 U
Phenanthrene	**130 J**	520 U	490 U	580 UJ	470 U	430 U	**250 J**	**24000**
Phenol	440 U	520 U	490 U	580 UJ	470 U	430 U	520 U	4600 U
Pyrene	**270 J**	520 U	490 U	580 UJ	**190 J**	430 U	**1200**	**82000**
TCL Pesticides and PCBs (µg/Kg)								
4,4'-DDD	4.4 U	5.2 U	4.9 U	5.8 UJ	4.7 U	4.3 U	5.2 U	**23 J**
4,4'-DDE	**9.1 J**	5.2 U	4.9 U	5.8 UJ	**7.8**	4.3 U	**3.7 J**	**6.7 R**
4,4'-DDT	**7.2**	5.2 U	4.9 U	**4.2 J**	**9.9**	4.3 U	**2.7 J**	**40 J**
Aldrin	2.3 U	2.7 U	2.5 U	**1.7 J**	2.4 U	2.2 U	2.7 U	2.4 U
Alpha-BHC	2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	2.4 U
Alpha-Chlordane	2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	2.4 U
Aroclor-1016	44 U	52 U	49 U	58 UJ	47 U	43 U	52 U	46 U
Aroclor-1221	89 U	100 U	100 U	120 UJ	96 U	88 U	110 U	94 U
Aroclor-1232	44 U	52 U	49 U	58 UJ	47 U	43 U	52 U	46 U
Aroclor-1242	44 U	52 U	49 U	58 UJ	47 U	43 U	52 U	46 U
Aroclor-1248	44 U	52 U	49 U	58 UJ	47 U	43 U	52 U	46 U
Aroclor-1254	44 U	52 U	49 U	58 UJ	47 U	43 U	52 U	46 U

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples
from the OG Real Estate Site

Analyte	Sample ID:	OG-SS01	OG-SS02	OG-SS03	OG-SS04	OG-SS05	OG-SS06	OG-SS07	OG-SS08
	Date:	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Aroclor-1260		44 U	52 U	49 U	58 UJ	47 U	43 U	52 U	46 U
Beta-BHC		2.3 U	**7.1 JN**	**4.1 JN**	3 UJ	**4.4 JN**	**2.4**	**5.3 J**	2.4 U
Delta-BBHC		2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	2.4 U
Dieldrin		4.4 U	5.2 U	4.9 U	**3.5 J**	4.7 U	4.3 U	5.2 U	4.6 U
Endosulfan I		2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	**2.4 R**
Endosulfan II		4.4 U	5.2 U	4.9 U	5.8 UJ	4.7 U	4.3 U	5.2 U	4.6 U
Endosulfan Sulfate		4.4 U	5.2 U	4.9 U	5.8 UJ	4.7 U	4.3 U	5.2 U	4.6 U
Endrin		4.4 U	5.2 U	4.9 U	**3.7 J**	4.7 U	4.3 U	5.2 U	4.6 U
Endrin Aldehyde		4.4 U	5.2 U	4.9 U	5.8 UJ	4.7 U	4.3 U	5.2 U	4.6 U
Endrin Ketone		4.4 U	5.2 U	4.9 U	5.8 UJ	4.7 U	4.3 U	5.2 U	4.6 U
Gamma-BHC (Lindane)		2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	2.4 U
Gamma-Chlordane		2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	2.4 U
Heptachlor		2.3 U	2.7 U	2.5 U	**1.7 J**	2.4 U	2.2 U	2.7 U	2.4 U
Heptachlor Epoxide		2.3 U	2.7 U	2.5 U	3 UJ	2.4 U	2.2 U	2.7 U	2.4 U
Methoxychlor		23 U	27 U	25 U	30 UJ	24 U	22 U	27 U	24 U
Toxaphene		230 U	270 U	250 U	300 UJ	240 U	220 U	270 U	240 U
Herbicides (µg/Kg)									
2,4,5-T		--	--	--	--	--	--	22.7 U	22.8 U
2,4,5-TP (SILVEX)		--	--	--	--	--	--	22.7 U	22.8 U
2,4-D		--	--	--	--	--	--	22.7 U	**41.7**
2,4-DB		--	--	--	--	--	--	**43.6**	**118**
Dalapon		--	--	--	--	--	--	67.9 U	68.4 U
Dicamba		--	--	--	--	--	--	22.7 U	22.8 U
Dichlorprop		--	--	--	--	--	--	22.7 U	**21.4 J**
Dinoseb		--	--	--	--	--	--	22.7 U	22.8 U
MCPA		--	--	--	--	--	--	6790 U	6840 U
MCPP		--	--	--	--	--	--	6790 U	6840 U
TAL Metals and Mercury (mg/Kg)									
Aluminum		**8630**	**12400**	**14100**	**14000**	**7170**	**10400**	**11800**	**5880**
Antimony		1.9 U	2.2 U	2.2 U	2.5 U	2.1 U	1.9 U	**3.1 B**	**36.3**
Arsenic		**9.5 J**	**54**	**44.3 J**	**31.9 J**	**6.4 J**	**41.6 J**	**17.3 J**	**11.8 J**
Barium		**256**	**428**	**496**	**430**	**64.6**	**378**	**259**	**97.5**

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples
from the OG Real Estate Site

Analyte	Sample ID:	OG-SS01	OG-SS02	OG-SS03	OG-SS04	OG-SS05	OG-SS06	OG-SS07	OG-SS08
	Date:	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003	10/7/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
Beryllium		0.62 B	1.5 B	2	1.9	0.39 B	1.2 B	0.82 B	0.47 B
Cadmium		0.26 B	0.16 U	0.15 U	0.18 U	0.15 U	0.13 U	0.16 U	0.13 U
Calcium		57700	5790	7280	6970	6220	5200	6000	3850
Chromium		10.6	21.9	21.7	22	19.5	44.7	17.2	20.9
Cobalt		12.1 B	5.7 B	7.5 B	7.3 B	9.6 B	31.4	12.1 B	7 B
Copper		35.9	21.6	20.8	32.6	30.7	39	38.9	6560
Iron		20300	11300	23400	19200	29400	35000	25500	20100
Lead		244	39.2	26.5	29.6	79.5	19.3	60.1	753
Magnesium		6070	1190 B	1360 B	1950	3530	5880	5790	2350
Manganese		4380 J	105 J	143	247	524	324	2200	244
Nickel		25	47	54	56.5	69.3	2240	28.2	94.8
Potassium		588 B	710 B	923 B	993 B	882 B	750 B	1010 B	638 B
Selenium		1.3 J	3.2 J	1.5 J	0.69 BJ	0.56 UJ	0.83 BJ	0.61 UJ	0.7 BJ
Silver		1.3 BJ	0.47 U	0.45 U	0.53 U	0.44 U	0.4 U	0.48 U	0.4 U
Sodium		142 U	246 B	344 B	428 B	160 U	206 B	205 B	147 U
Thallium		1.1 UR	1.3 UR	1.5 B	1.5 U	1.2 U	1.1 U	1.3 U	1.1 U
Vanadium		52.4	147	158	136	296	9900	45	190
Zinc		293	29.4	27	62.4	98.7	46.7	274	91
Mercury		0.2 J	0.23 J	0.07 U	0.09 U	0.1 BJ	0.08 BJ	0.07 U	0.07 U
Total Cyanide (mg/Kg)									
Cyanide Tot.		0.63	0.42	0.27	0.64	0.57	0.21	1.3	0.17 U
Total Petroleum Hydrocarbons (mg/Kg)									
n-Hexane Extractable Material		- -	- -	- -	- -	- -	- -	261 U	888
Percent Moisture (wt%)									
Percent Moisture		- -	- -	- -	- -	- -	- -	27.1	29.5
Percent Solids (%)									
Percent Solids, 105DegC		76	65	60	55	71	78	63	71

Table D-10-1
Complete Analytical Data Summary for Surface Soil Samples from the OG Real Estate Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
OG = OG Real Estate Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SS = Surface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
wt. % = Percent weight.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Source: Ecology and Environment, Inc., 2004

Table D-10-2
Complete Analytical Data Summary for Subsurface Soil Samples from the OG Real Estate Site

Analyte	Sample ID: OG-GP01-SB Date: 10/7/2003 Depth: 2.5 - 4 ft	OG-GP02-SB 10/7/2003 13.8 - 15.8 ft	OG-GP03-SB 10/7/2003 14 - 16 ft
TCL Volatile Organic Compounds (µg/Kg)			
1,1,1-Trichloroethane	21 UJ	10 U	10 U
1,1,2,2-Tetrachloroethane	21 UJ	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	21 UJ	10 U	10 U
1,1,2-Trichloroethane	21 UJ	10 U	10 U
1,1-Dichloroethane	21 UJ	10 U	10 U
1,1-Dichloroethene	21 UJ	10 U	10 U
1,2,4-Trichlorobenzene	21 UJ	10 U	10 U
1,2-Dibromo-3-Chloropropane	21 UJ	10 U	10 U
1,2-Dibromoethane	21 UJ	10 U	10 U
1,2-Dichlorobenzene	21 UJ	10 U	10 U
1,2-Dichloroethane	21 UJ	10 U	10 U
1,2-Dichloropropane	21 UJ	10 U	10 U
1,3-Dichlorobenzene	21 UJ	10 U	10 U
1,4-Dichlorobenzene	21 UJ	10 U	10 U
2-Butanone	21 UJ	10 U	**21**
2-Hexanone	21 UJ	10 U	10 U
4-Methyl-2-Pentanone	21 UJ	10 U	10 U
Acetone	21 UJ	10 UJ	**110 J**
Benzene	21 UJ	10 U	10 U
Bromodichloromethane	21 UJ	10 U	10 U
Bromoform	21 UJ	10 U	10 U
Bromomethane	21 UJ	10 U	10 U
Carbon Disulfide	21 UJ	10 U	**0.5 J**
Carbon Tetrachloride	21 UJ	10 U	10 U
Chlorobenzene	21 UJ	10 U	10 U
Chloroethane	21 UJ	10 U	10 U
Chloroform	21 UJ	10 U	10 U
Chloromethane	21 UJ	10 U	10 U
cis-1,2-Dichloroethene	21 UJ	10 U	10 U
cis-1,3-Dichloropropene	21 UJ	10 U	10 U
Cyclohexane	21 UJ	10 U	**0.6 J**
Dibromochloromethane	21 UJ	10 U	10 U
Dichlorodifluoromethane	21 UJ	10 U	10 U
Ethylbenzene	21 UJ	10 U	10 U
Isopropylbenzene	21 UJ	10 U	10 U
Methyl Acetate	21 UJ	10 U	10 U
Methyl tert-Butyl Ether	21 UJ	10 U	10 U
Methylcyclohexane	21 UJ	10 U	10 U
Methylene Chloride	21 UJ	10 U	10 U
Styrene	21 UJ	10 U	10 U
Tetrachloroethene	21 UJ	10 U	10 U
Toluene	21 UJ	10 U	10 U
trans-1,2-Dichloroethene	21 UJ	10 U	10 U
trans-1,3-Dichloropropene	21 UJ	10 U	10 U
Trichloroethene	21 UJ	10 U	10 U
Trichlorofluoromethane	21 UJ	10 U	10 U
Vinyl Chloride	21 UJ	10 U	10 U
Xylenes (Total)	21 UJ	10 U	10 U

Table D-10-2
Complete Analytical Data Summary for Subsurface Soil Samples from the OG Real Estate Site

Analyte	Sample ID: OG-GP01-SB Date: 10/7/2003 Depth: 2.5 - 4 ft	OG-GP02-SB 10/7/2003 13.8 - 15.8 ft	OG-GP03-SB 10/7/2003 14 - 16 ft
TCL Semivolatile Organic Compounds (µg/Kg)			
1,1'-Biphenyl	610 U	400 U	420 U
2,2'-Oxybis(1- Chloropropane)	610 U	400 U	420 U
2,4,5-Trichlorophenol	1500 U	1000 U	1100 U
2,4,6-Trichlorophenol	610 U	400 U	420 U
2,4-Dichlorophenol	610 U	400 U	420 U
2,4-Dimethylphenol	610 U	400 U	420 U
2,4-Dinitrophenol	1500 UJ	1000 UJ	1100 UJ
2,4-Dinitrotoluene	610 U	400 U	420 U
2,6-Dinitrotoluene	610 U	400 U	420 U
2-Chloronaphthalene	610 U	400 U	420 U
2-Chlorophenol	610 U	400 U	420 U
2-Methylnaphthalene	610 U	400 U	420 U
2-Methylphenol	610 U	400 U	420 U
2-Nitroaniline	1500 U	1000 U	1100 U
2-Nitrophenol	610 U	400 U	420 U
3,3'-Dichlorobenzidine	610 UJ	400 U	420 U
3-Nitroaniline	1500 U	1000 U	1100 U
4,6-Dinitro-2-Methylphenol	1500 U	1000 U	1100 U
4-Bromophenyl-Phenylether	610 U	400 U	420 U
4-Chloro-3-Methylphenol	610 U	400 U	420 U
4-Chloroaniline	610 U	400 U	420 U
4-Chlorophenyl-Phenyl Ether	610 U	400 U	420 U
4-Methylphenol	610 U	400 U	420 U
4-Nitroaniline	1500 U	1000 U	1100 U
4-Nitrophenol	1500 UJ	1000 UJ	1100 UJ
Acenaphthene	610 U	400 U	420 U
Acenaphthylene	610 U	400 U	420 U
Acetophenone	610 U	400 U	420 U
Anthracene	610 U	400 U	**280 J**
Atrazine	610 U	400 U	420 U
Benzaldehyde	610 U	400 U	420 U
Benzo(a)anthracene	610 U	400 U	**1400**
Benzo(a)pyrene	610 U	400 U	**1200**
Benzo(b)fluoranthene	610 U	400 U	**1100**
Benzo(g,h,i)perylene	610 UJ	400 U	**380 J**
Benzo(k)fluoranthene	610 U	400 U	**970**
Bis(2-Chloroethoxy)Methane	610 U	400 U	420 U
Bis-(2-Chloroethyl)Ether	610 U	400 U	420 U
Bis(2-Ethylhexyl)Phthalate	**160 J**	400 U	420 U
Butylbenzylphthalate	610 U	400 U	420 U
Caprolactam	610 U	400 U	420 U
Carbazole	610 UJ	400 UJ	420 UJ
Chrysene	610 U	400 U	**1400**
Dibenzo(a,h)-anthracene	610 U	400 U	**240 J**
Dibenzofuran	610 U	400 U	420 U
Diethylphthalate	610 U	400 U	420 U
Dimethylphthalate	610 U	400 U	420 U
Di-n-Butylphthalate	610 U	400 U	420 U

Table D-10-2
Complete Analytical Data Summary for Subsurface Soil Samples from the OG Real Estate Site

Analyte	Sample ID: OG-GP01-SB Date: 10/7/2003 Depth: 2.5 - 4 ft	OG-GP02-SB 10/7/2003 13.8 - 15.8 ft	OG-GP03-SB 10/7/2003 14 - 16 ft
Di-n-Octylphthalate	610 U	400 U	420 U
Fluoranthene	610 U	400 U	**2200**
Fluorene	610 U	400 U	420 U
Hexachlorobenzene	610 U	400 U	420 U
Hexachlorobutadiene	610 U	400 U	420 U
Hexachlorocyclo-Pentadiene	610 UJ	400 U	420 U
Hexachloroethane	610 U	400 U	420 U
Indeno(1,2,3-cd)-pyrene	610 U	400 U	**700**
Isophorone	610 U	400 U	420 U
Naphthalene	610 U	400 U	420 U
Nitrobenzene	610 U	400 U	420 U
n-Nitroso Diphenylamine	610 U	400 U	420 U
n-Nitroso-Di-n Propylamine	610 U	400 U	420 U
Pentachlorophenol	1500 U	1000 U	1100 U
Phenanthrene	610 U	400 U	**480**
Phenol	610 U	400 U	420 U
Pyrene	610 U	400 U	**2100**
TCL Pesticides and PCBs (µg/Kg)			
4,4'-DDD	6.1 U	4 U	4.2 U
4,4'-DDE	6.1 U	4 U	4.2 U
4,4'-DDT	6.1 U	4 U	4.2 U
Aldrin	3.1 U	2 U	2.2 U
Alpha-BHC	3.1 U	2 U	2.2 U
Alpha-Chlordane	3.1 U	2 U	2.2 U
Aroclor-1016	61 U	40 U	42 U
Aroclor-1221	120 U	81 U	85 U
Aroclor-1232	61 U	40 U	42 U
Aroclor-1242	61 U	40 U	42 U
Aroclor-1248	61 U	40 U	42 U
Aroclor-1254	61 U	40 U	42 U
Aroclor-1260	61 U	40 U	42 U
Beta-BHC	3.1 U	2 U	2.2 U
Delta-BBHC	3.1 U	2 U	2.2 U
Dieldrin	6.1 U	4 U	4.2 U
Endosulfan I	3.1 U	2 U	2.2 U
Endosulfan II	6.1 U	4 U	4.2 U
Endosulfan Sulfate	6.1 U	4 U	4.2 U
Endrin	6.1 U	4 U	4.2 U
Endrin Aldehyde	6.1 U	4 U	4.2 U
Endrin Ketone	6.1 U	4 U	4.2 U
Gamma-BHC (Lindane)	3.1 U	2 U	2.2 U
Gamma-Chlordane	3.1 U	2 U	2.2 U
Heptachlor	3.1 U	2 U	2.2 U
Heptachlor Epoxide	3.1 U	2 U	2.2 U
Methoxychlor	31 U	20 U	22 U
Toxaphene	310 U	200 U	220 U

Table D-10-2
Complete Analytical Data Summary for Subsurface Soil Samples from the OG Real Estate Site

Analyte	Sample ID: OG-GP01-SB Date: 10/7/2003 Depth: 2.5 - 4 ft	OG-GP02-SB 10/7/2003 13.8 - 15.8 ft	OG-GP03-SB 10/7/2003 14 - 16 ft
TAL Metals and Mercury (mg/Kg)			
Aluminum	**10400**	**5710**	**8890**
Antimony	2.6 U	1.8 U	1.8 U
Arsenic	**55.4 J**	**1.5 BJ**	**4.4 J**
Barium	**388**	**25.9 B**	**76.4**
Beryllium	**1.8 B**	**0.26 B**	**0.51 B**
Cadmium	0.18 U	0.13 U	0.13 U
Calcium	**7890**	**2610**	**6320**
Chromium	**18.8**	**8.1**	**12.3**
Cobalt	**7.4 B**	**5.4 B**	**10.5 B**
Copper	**31.7**	**10.2**	**20.9**
Iron	**18900**	**11400**	**21600**
Lead	**10.1**	**5.1**	**12.7**
Magnesium	**1480 B**	**3080**	**5630**
Manganese	**61.4**	**109**	**606**
Nickel	**16.5**	**13.6**	**21.9**
Potassium	**729 B**	**636 B**	**674 B**
Selenium	**1.3 BJ**	0.48 UJ	0.48 UJ
Silver	0.54 U	0.38 U	0.38 U
Sodium	**415 B**	139 U	137 U
Thallium	1.5 U	1.1 U	1.1 U
Vanadium	**45.9**	**10.1 B**	**18.5**
Zinc	**29.9**	**45.4**	**66.9**
Mercury	**0.18 BJ**	0.06 U	0.06 U
Total Cyanide (mg/Kg)			
Cyanide Tot.	**0.33**	0.16 U	0.15 U
Percent Solids (%)			
Percent Solids, 105DegC	**55**	**78**	**79**

Table D-10-2
Complete Analytical Data Summary for Subsurface Soil Samples from the OG Real Estate Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
ft = Feet.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
OG = OG Real Estate Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SB = Subsurface soil sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/Kg = Micrograms per kilogram.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-10-2
Complete Analytical Data Summary for Subsurface Soil Samples from the OG Real Estate Site

Table D-10-3
Complete Analytical Data Summary for Surface Water Samples from the OG Real Estate Site

Analyte	Sample ID: / Date:	OG-SW02 10/7/2003	OG-SW03 10/7/2003
TCL Volatile Organic Compounds (µg/L)			
1,1,1-Trichloroethane		10 U	10 U
1,1,2,2-Tetrachloroethane		10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		10 U	10 U
1,1,2-Trichloroethane		10 U	10 U
1,1-Dichloroethane		10 U	10 U
1,1-Dichloroethene		10 U	10 U
1,2,4-Trichlorobenzene		10 U	10 U
1,2-Dibromo-3-Chloropropane		**10 R**	**10 R**
1,2-Dibromoethane		10 U	10 U
1,2-Dichlorobenzene		10 U	10 U
1,2-Dichloroethane		10 U	10 U
1,2-Dichloropropane		10 U	10 U
1,3-Dichlorobenzene		10 U	10 U
1,4-Dichlorobenzene		10 U	10 U
2-Butanone		10 U	10 U
2-Hexanone		10 U	10 U
4-Methyl-2-Pentanone		10 U	10 U
Acetone		**4 J**	**3 J**
Benzene		10 U	10 U
Bromodichloromethane		10 U	10 U
Bromoform		10 U	10 U
Bromomethane		10 U	10 U
Carbon Disulfide		10 U	10 U
Carbon Tetrachloride		10 U	10 U
Chlorobenzene		10 U	10 U
Chloroethane		10 U	10 U
Chloroform		10 U	10 U
Chloromethane		10 U	10 U
cis-1,2-Dichloroethene		10 U	10 U
cis-1,3-Dichloropropene		10 U	10 U
Cyclohexane		10 U	10 U
Dibromochloromethane		10 U	10 U
Dichlorodifluoromethane		10 U	10 U
Ethylbenzene		10 U	10 U
Isopropylbenzene		10 U	10 U
Methyl Acetate		10 U	10 U
Methyl tert-Butyl Ether		10 U	10 U
Methylcyclohexane		10 U	10 U
Methylene Chloride		10 U	10 U
Styrene		10 U	10 U
Tetrachloroethene		10 U	10 U
Toluene		**2 J**	**3 J**
trans-1,2-Dichloroethene		10 U	10 U
trans-1,3-Dichloropropene		10 U	10 U
Trichloroethene		10 U	10 U
Trichlorofluoromethane		10 U	10 U
Vinyl Chloride		10 U	10 U
Xylenes (Total)		10 U	10 U

Table D-10-3
Complete Analytical Data Summary for Surface Water Samples from the OG Real Estate Site

Analyte / Sample ID: / Date:	OG-SW02 10/7/2003	OG-SW03 10/7/2003
TCL Semivolatile Organic Compounds (µg/L)		
1,1'-Biphenyl	10 U	10 U
2,2'-Oxybis(1- Chloropropane)	10 U	10 U
2,4,5-Trichlorophenol	25 U	25 U
2,4,6-Trichlorophenol	10 U	10 U
2,4-Dichlorophenol	10 U	10 U
2,4-Dimethylphenol	10 U	10 U
2,4-Dinitrophenol	25 UJ	25 UJ
2,4-Dinitrotoluene	10 U	10 U
2,6-Dinitrotoluene	10 U	10 U
2-Chloronaphthalene	10 U	10 U
2-Chlorophenol	10 U	10 U
2-Methylnaphthalene	10 U	10 U
2-Methylphenol	10 U	10 U
2-Nitroaniline	25 U	25 U
2-Nitrophenol	10 U	10 U
3,3'-Dichlorobenzidine	10 UJ	10 UJ
3-Nitroaniline	25 U	25 U
4,6-Dinitro-2-Methylphenol	25 UJ	25 UJ
4-Bromophenyl-Phenylether	10 U	10 U
4-Chloro-3-Methylphenol	10 U	10 U
4-Chloroaniline	10 U	10 U
4-Chlorophenyl-Phenyl Ether	10 U	10 U
4-Methylphenol	10 U	10 U
4-Nitroaniline	25 U	25 U
4-Nitrophenol	25 U	25 U
Acenaphthene	10 U	10 U
Acenaphthylene	10 U	10 U
Acetophenone	10 U	10 U
Anthracene	10 U	10 U
Atrazine	10 U	10 U
Benzaldehyde	10 U	10 U
Benzo(a)anthracene	10 U	10 U
Benzo(a)pyrene	10 U	10 U
Benzo(b)fluoranthene	10 U	10 U
Benzo(g,h,i)perylene	10 U	10 U
Benzo(k)fluoranthene	10 U	10 U
Bis(2-Chloroethoxy)Methane	10 U	10 U
Bis-(2-Chloroethyl)Ether	10 U	10 U
Bis(2-Ethylhexyl)Phthalate	10 U	2 J
Butylbenzylphthalate	10 U	10 U
Caprolactam	10 U	10 U
Carbazole	10 UJ	10 UJ
Chrysene	10 U	10 U
Dibenzo(a,h)-anthracene	10 U	10 U
Dibenzofuran	10 U	10 U
Diethylphthalate	10 U	10 U
Dimethylphthalate	10 U	10 U
Di-n-Butylphthalate	10 U	10 U
Di-n-Octylphthalate	10 U	10 U
Fluoranthene	10 U	10 U

Table D-10-3
Complete Analytical Data Summary for Surface Water Samples from the OG Real Estate Site

Analyte / Sample ID: / Date:	OG-SW02 10/7/2003	OG-SW03 10/7/2003
Fluorene	10 U	10 U
Hexachlorobenzene	10 U	10 U
Hexachlorobutadiene	10 U	10 U
Hexachlorocyclo-Pentadiene	10 UJ	10 UJ
Hexachloroethane	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U
Isophorone	10 U	10 U
Naphthalene	10 U	10 U
Nitrobenzene	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U
Pentachlorophenol	25 U	25 U
Phenanthrene	10 U	10 U
Phenol	10 U	10 U
Pyrene	10 U	10 U
TCL Pesticides and PCBs (µg/L)		
4,4'-DDD	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U
Aroclor-1016	1 U	1 U
Aroclor-1221	2 U	2 U
Aroclor-1232	1 U	1 U
Aroclor-1242	1 U	1 U
Aroclor-1248	1 U	1 U
Aroclor-1254	1 U	1 U
Aroclor-1260	1 U	1 U
Beta-BHC	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U
Endrin	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U
Toxaphene	5 U	5 U

Table D-10-3
Complete Analytical Data Summary for Surface Water Samples from the OG Real Estate Site

Analyte	Sample ID: OG-SW02 Date: 10/7/2003	OG-SW03 10/7/2003
TAL Metals and Mercury (µg/L)		
Aluminum	**388**	**134 B**
Antimony	7.2 U	7.2 U
Arsenic	4.4 UJ	4.4 UJ
Barium	**50.2 B**	**19.9 B**
Beryllium	0.1 U	0.1 U
Cadmium	0.5 U	0.5 U
Calcium	**99200**	**26700**
Chromium	**1.3 B**	1.1 U
Cobalt	1.4 U	1.4 U
Copper	**2.7 B**	**2.2 B**
Iron	**1680**	**363**
Lead	**3.2**	2.6 U
Magnesium	**19300**	**4980 B**
Manganese	**424**	**40.6**
Nickel	**3.6 B**	**3.7 B**
Potassium	**4270 B**	**1330 B**
Selenium	1.9 U	1.9 U
Silver	1.5 U	1.5 U
Sodium	**189000 J**	**15000 J**
Thallium	4.2 U	4.2 U
Vanadium	1.6 U	**1.6 B**
Zinc	**26.9 J**	**25.4 J**
Mercury	0.1 U	0.1 U
Total Cyanide (µg/L)		
Cyanide Tot.	5 U	5 U
Anions (mg/L)		
Bromide	0.100 U	0.100 U
Chloride	**308**	**22.3**
Fluoride	**0.125**	**0.066 J**
Nitrate-N	**0.368**	**0.324**
Nitrite-N	1.00 U	0.100 U
Phosphate	0.100 U	0.100 U
Sulfate	**30**	**12.1**
Hardness (mg/L)		
Hardness (As CaCO3)	**465**	**165**

Table D-10-3
Complete Analytical Data Summary for Surface Water Samples from the OG Real Estate Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
OG = OG Real Estate Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SW = Surface water sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.

Table D-10-4
Complete Analytical Data Summary for Sediment Samples
from the OG Real Estate Site

Analyte	Sample ID:	OG-SE01	OG-SE02	OG-SE03	OG-SE04
	Date:	10/7/2003	10/7/2003	10/7/2003	10/7/2003
	Depth:	0 - 2 in	0 - 2 in	0 - 2 in	0 - 2 in
TCL Volatile Organic Compounds (µg/Kg)					
1,1,1-Trichloroethane		24 U	19 U	11 U	10 U
1,1,2,2-Tetrachloroethane		24 UJ	19 U	11 UJ	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane		24 U	19 U	11 U	10 U
1,1,2-Trichloroethane		24 U	19 U	11 U	10 U
1,1-Dichloroethane		24 U	19 U	11 U	10 U
1,1-Dichloroethene		24 U	19 U	11 U	10 U
1,2,4-Trichlorobenzene		24 UJ	19 U	11 UJ	10 U
1,2-Dibromo-3-Chloropropane		24 UJ	19 U	11 UJ	10 U
1,2-Dibromoethane		24 UJ	19 U	11 UJ	10 U
1,2-Dichlorobenzene		24 UJ	19 U	11 UJ	10 U
1,2-Dichloroethane		24 U	19 U	11 U	10 U
1,2-Dichloropropane		24 U	19 U	11 U	10 U
1,3-Dichlorobenzene		24 UJ	19 U	11 UJ	10 U
1,4-Dichlorobenzene		24 UJ	19 U	11 UJ	10 U
2-Butanone		24 U	19 U	11 U	10 U
2-Hexanone		24 UJ	19 U	11 UJ	10 U
4-Methyl-2-Pentanone		24 UJ	19 U	11 UJ	10 U
Acetone		**36 J**	19 UJ	**4 J**	10 UJ
Benzene		24 U	19 U	11 U	10 U
Bromodichloromethane		24 U	19 U	11 U	10 U
Bromoform		24 U	19 U	11 U	10 U
Bromomethane		24 U	19 U	11 U	10 U
Carbon Disulfide		24 U	19 U	11 U	10 U
Carbon Tetrachloride		24 U	19 U	11 U	10 U
Chlorobenzene		24 UJ	19 U	11 UJ	10 U
Chloroethane		24 U	19 U	11 U	10 U
Chloroform		24 U	19 U	11 U	10 U
Chloromethane		24 U	19 U	11 U	10 U
cis-1,2-Dichloroethene		24 U	19 U	11 U	10 U
cis-1,3-Dichloropropene		24 U	19 U	11 U	10 U
Cyclohexane		24 U	19 U	11 U	10 U
Dibromochloromethane		24 U	19 U	11 U	10 U
Dichlorodifluoromethane		24 U	19 U	11 U	10 U
Ethylbenzene		24 UJ	19 U	11 UJ	10 U
Isopropylbenzene		24 UJ	19 U	11 UJ	10 U
Methyl Acetate		**7 J**	**6 J**	11 U	10 U
Methyl tert-Butyl Ether		24 U	19 U	11 U	10 U
Methylcyclohexane		24 U	19 U	11 U	10 U
Methylene Chloride		24 U	19 U	11 U	10 U
Styrene		24 UJ	19 U	11 UJ	10 U
Tetrachloroethene		24 UJ	19 U	11 UJ	10 U
Toluene		24 UJ	**2 J**	11 UJ	**0.7 J**
trans-1,2-Dichloroethene		24 U	19 U	11 U	10 U
trans-1,3-Dichloropropene		24 U	19 U	11 U	10 U
Trichloroethene		24 U	19 U	11 U	10 U
Trichlorofluoromethane		24 U	19 U	11 U	10 U
Vinyl Chloride		24 U	19 U	11 U	10 U
Xylenes (Total)		24 UJ	19 U	11 UJ	10 U

Table D-10-4
Complete Analytical Data Summary for Sediment Samples from the OG Real Estate Site

Analyte	Sample ID: / Date: / Depth:	OG-SE01 10/7/2003 0 - 2 in	OG-SE02 10/7/2003 0 - 2 in	OG-SE03 10/7/2003 0 - 2 in	OG-SE04 10/7/2003 0 - 2 in
TCL Semivolatile Organic Compounds (µg/Kg)					
1,1'-Biphenyl		580 U	560 U	500 U	390 U
2,2'-Oxybis(1- Chloropropane)		580 U	560 U	500 U	390 U
2,4,5-Trichlorophenol		1500 U	1400 U	1300 U	990 U
2,4,6-Trichlorophenol		580 U	560 U	500 U	390 U
2,4-Dichlorophenol		580 U	560 U	500 U	390 U
2,4-Dimethylphenol		580 U	560 U	500 U	390 U
2,4-Dinitrophenol		1500 UJ	1400 UJ	1300 UJ	990 UJ
2,4-Dinitrotoluene		580 U	560 U	500 U	390 U
2,6-Dinitrotoluene		580 U	560 U	500 U	390 U
2-Chloronaphthalene		580 U	560 U	500 U	390 U
2-Chlorophenol		580 U	560 U	500 U	390 U
2-Methylnaphthalene		580 U	560 U	500 U	390 U
2-Methylphenol		580 U	560 U	500 U	390 U
2-Nitroaniline		1500 U	1400 U	1300 U	990 U
2-Nitrophenol		580 U	560 U	500 U	390 U
3,3'-Dichlorobenzidine		580 UJ	560 UJ	500 UJ	390 UJ
3-Nitroaniline		1500 UJ	1400 UJ	1300 UJ	990 UJ
4,6-Dinitro-2-Methylphenol		1500 UJ	1400 UJ	1300 UJ	990 UJ
4-Bromophenyl-Phenylether		580 U	560 U	500 U	390 U
4-Chloro-3-Methylphenol		580 U	560 U	500 U	390 U
4-Chloroaniline		580 U	560 U	500 U	390 U
4-Chlorophenyl-Phenyl Ether		580 U	560 U	500 U	390 U
4-Methylphenol		580 U	560 U	500 U	390 U
4-Nitroaniline		1500 U	1400 U	1300 U	990 U
4-Nitrophenol		1500 UJ	1400 UJ	1300 UJ	990 UJ
Acenaphthene		580 U	560 U	500 U	390 U
Acenaphthylene		580 U	560 U	500 U	390 U
Acetophenone		580 U	560 U	500 U	390 U
Anthracene		580 U	560 U	500 U	390 U
Atrazine		580 U	560 U	500 U	390 U
Benzaldehyde		580 U	560 U	500 U	390 U
Benzo(a)anthracene		580 U	**270 J**	**120 J**	**180 J**
Benzo(a)pyrene		580 U	**370 J**	**150 J**	**160 J**
Benzo(b)fluoranthene		580 U	**500 J**	**150 J**	**190 J**
Benzo(g,h,i)perylene		580 UJ	560 UJ	500 UJ	390 UJ
Benzo(k)fluoranthene		580 U	**380 J**	**190 J**	**200 J**
Bis(2-Chloroethoxy)Methane		580 U	560 U	500 U	390 U
Bis-(2-Chloroethyl)Ether		580 U	560 U	500 U	390 U
Bis(2-Ethylhexyl)Phthalate		**2500**	**200 J**	**120 J**	390 U
Butylbenzylphthalate		580 U	560 U	500 U	390 U
Caprolactam		580 U	560 U	500 U	390 U
Carbazole		580 UJ	560 UJ	500 UJ	390 UJ
Chrysene		580 U	**470 J**	**180 J**	**220 J**
Dibenzo(a,h)-anthracene		580 U	560 U	500 U	390 U
Dibenzofuran		580 U	560 U	500 U	390 U
Diethylphthalate		580 U	560 U	500 U	390 U
Dimethylphthalate		580 U	560 U	500 U	390 U
Di-n-Butylphthalate		580 U	560 U	500 U	390 U

Table D-10-4
Complete Analytical Data Summary for Sediment Samples from the OG Real Estate Site

Analyte	Sample ID: OG-SE01 Date: 10/7/2003 Depth: 0 - 2 in	OG-SE02 10/7/2003 0 - 2 in	OG-SE03 10/7/2003 0 - 2 in	OG-SE04 10/7/2003 0 - 2 in
Di-n-Octylphthalate	580 U	560 U	500 U	**87 J**
Fluoranthene	580 U	**770**	**300 J**	**400**
Fluorene	580 U	560 U	500 U	390 U
Hexachlorobenzene	580 U	560 U	500 U	390 U
Hexachlorobutadiene	580 U	560 U	500 U	390 U
Hexachlorocyclo-Pentadiene	580 UJ	560 UJ	500 UJ	390 UJ
Hexachloroethane	580 U	560 U	500 U	390 U
Indeno(1,2,3-cd)-pyrene	580 UJ	**280 J**	**100 J**	**120 J**
Isophorone	580 U	560 U	500 U	390 U
Naphthalene	580 U	560 U	500 U	390 U
Nitrobenzene	580 U	560 U	500 U	390 U
n-Nitroso Diphenylamine	580 U	560 U	500 U	390 U
n-Nitroso-Di-n Propylamine	580 U	560 U	500 U	390 U
Pentachlorophenol	1500 U	1400 U	1300 U	990 U
Phenanthrene	580 U	**290 J**	**120 J**	**180 J**
Phenol	580 U	560 U	500 U	390 U
Pyrene	580 U	**610**	**260 J**	**370 J**
TCL Pesticide and PCBs (µg/Kg)				
4,4'-DDD	5.8 U	**7.3 JN**	**2.8 J**	3.9 U
4,4'-DDE	5.8 U	**11 J**	**5**	**1.9 J**
4,4'-DDT	5.8 U	5.6 U	5 U	**0.95 J**
Aldrin	3 U	2.9 U	2.6 U	2 U
Alpha-BHC	3 U	2.9 U	2.6 U	2 U
Alpha-Chlordane	3 U	2.9 U	2.6 U	2 U
Aroclor-1016	58 U	56 U	50 U	39 U
Aroclor-1221	120 U	110 U	100 U	80 U
Aroclor-1232	58 U	56 U	50 U	39 U
Aroclor-1242	58 U	56 U	50 U	39 U
Aroclor-1248	58 U	56 U	50 U	39 U
Aroclor-1254	58 U	56 U	50 U	39 U
Aroclor-1260	58 U	56 U	50 U	39 U
Beta-BHC	3 U	2.9 U	**2.1 J**	2 U
Delta-BBHC	3 U	2.9 U	2.6 U	2 U
Dieldrin	5.8 U	5.6 U	5 U	3.9 U
Endosulfan I	3 U	2.9 U	2.6 U	2 U
Endosulfan II	5.8 U	5.6 U	5 U	3.9 U
Endosulfan Sulfate	5.8 U	5.6 U	5 U	3.9 U
Endrin	5.8 U	5.6 U	5 U	3.9 U
Endrin Aldehyde	5.8 U	5.6 U	5 U	3.9 U
Endrin Ketone	5.8 U	5.6 U	5 U	3.9 U
Gamma-BHC (Lindane)	3 U	2.9 U	2.6 U	2 U
Gamma-Chlordane	3 U	2.9 U	2.6 U	2 U
Heptachlor	3 U	2.9 U	2.6 U	2 U
Heptachlor Epoxide	3 U	2.9 U	2.6 U	2 U
Methoxychlor	30 U	29 U	26 U	20 U
Toxaphene	300 U	290 U	260 U	200 U

Table D-10-4
Complete Analytical Data Summary for Sediment Samples from the OG Real Estate Site

Analyte	Sample ID: / Date: / Depth:	OG-SE01 10/7/2003 0 - 2 in	OG-SE02 10/7/2003 0 - 2 in	OG-SE03 10/7/2003 0 - 2 in	OG-SE04 10/7/2003 0 - 2 in
TAL Metals and Mercury (mg/Kg)					
Aluminum		**9600**	**7360**	**5100**	**7630**
Antimony		2.6 U	2.8 U	2.2 U	1.7 U
Arsenic		**25.8**	**7.8 J**	**7.9 J**	**12.8**
Barium		**263**	**74.7 B**	**51.6 B**	**99.5**
Beryllium		**1.1 B**	**0.48 B**	**0.32 B**	**0.42 B**
Cadmium		0.18 U	0.19 U	0.15 U	0.12 U
Calcium		**9350**	**10100**	**5990**	**9980**
Chromium		**23.9**	**9.7**	**6.1**	**12.6**
Cobalt		**11.5 B**	**8.9 B**	**6.3 B**	**8.3 B**
Copper		**33.4**	**22.9**	**11.9**	**29.2**
Iron		**12100**	**17900**	**13900**	**22300**
Lead		**27.1**	**22**	**12.6**	**96.9**
Magnesium		**2210**	**3840**	**2480**	**3920**
Manganese		**221 J**	**1040 J**	**519 J**	**445 J**
Nickel		**408**	**18**	**12.3**	**179**
Potassium		**1040 B**	**720 B**	**574 B**	**891 B**
Selenium		**3.1 J**	**1.7 BJ**	0.57 UJ	**0.59 BJ**
Silver		0.53 U	**1.1 BJ**	**1.2 BJ**	0.35 U
Sodium		**341 B**	**277 B**	164 U	129 U
Thallium		1.5 UR	1.6 UR	1.3 UR	0.99 UR
Vanadium		**698**	**18.2 B**	**13.9 B**	**934**
Zinc		**58.1**	**86.3**	**46.5**	**99.1**
Mercury		**0.1 BJ**	**0.1 BJ**	0.07 U	**0.43**
Total Cyanide (mg/Kg)					
Cyanide Tot.		**0.38**	0.23 U	0.21 U	**0.25**
Total Organic Carbon (mg/Kg)					
Organic Carbon, Tot.		**220000**	**21000**	**7400**	**48000**
Percent Solids (%)					
Percent Solids, 105DegC		**59**	**52**	**56**	**83**

Table D-10-4
Complete Analytical Data Summary for Sediment Samples from the OG Real Estate Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
in = Inches.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/Kg = Milligrams per kilogram.
OG = OG Real Estate Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
SE = Sediment sample.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
- = Sample was not analyzed for this parameter.
% = Percent.

Table D-10-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the OG Real Estate Site

Analyte	Sample ID: OG-GP01-GW Date: 10/15/2003	OG-GP02-GW 10/15/2003	OG-GP03-GW 10/15/2003
TCL Volatile Organic Compounds (µg/L)			
1,1,1-Trichloroethane	10 U	10 U	10 U
1,1,2,2-Tetrachloroethane	10 U	10 U	10 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	10 U	10 U	10 U
1,1,2-Trichloroethane	10 U	10 U	10 U
1,1-Dichloroethane	10 U	10 U	10 U
1,1-Dichloroethene	10 U	10 U	10 U
1,2,4-Trichlorobenzene	10 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	10 U	10 U	10 U
1,2-Dibromoethane	10 U	10 U	10 U
1,2-Dichlorobenzene	10 U	10 U	10 U
1,2-Dichloroethane	10 U	10 U	10 U
1,2-Dichloropropane	10 U	10 U	10 U
1,3-Dichlorobenzene	10 U	10 U	10 U
1,4-Dichlorobenzene	10 U	10 U	10 U
2-Butanone	10 U	10 UJ	10 UJ
2-Hexanone	10 U	10 UJ	10 UJ
4-Methyl-2-Pentanone	10 U	10 UJ	10 UJ
Acetone	10 UJ	10 U	10 U
Benzene	10 U	10 U	10 U
Bromodichloromethane	10 U	10 U	10 U
Bromoform	10 U	10 U	10 U
Bromomethane	10 U	10 U	10 U
Carbon Disulfide	10 U	10 U	10 U
Carbon Tetrachloride	10 U	10 U	10 U
Chlorobenzene	10 U	10 U	10 U
Chloroethane	10 U	10 U	10 U
Chloroform	10 U	10 U	10 U
Chloromethane	10 U	10 U	10 U
cis-1,2-Dichloroethene	10 U	10 U	10 U
cis-1,3-Dichloropropene	10 U	10 U	10 U
Cyclohexane	10 U	10 U	10 U
Dibromochloromethane	10 U	10 U	10 U
Dichlorodifluoromethane	10 U	10 U	10 U
Ethylbenzene	10 U	10 U	10 U
Isopropylbenzene	10 U	10 U	10 U
Methyl Acetate	10 UJ	10 U	10 U
Methyl tert-Butyl Ether	10 U	10 U	10 U
Methylcyclohexane	10 U	10 U	10 U
Methylene Chloride	10 U	10 U	10 U
Styrene	10 U	10 U	10 U
Tetrachloroethene	10 U	10 UJ	10 UJ
Toluene	10 U	10 U	10 U
trans-1,2-Dichloroethene	10 U	10 U	10 U
trans-1,3-Dichloropropene	10 U	10 U	10 U
Trichloroethene	10 U	10 U	10 U
Trichlorofluoromethane	10 U	10 U	10 U
Vinyl Chloride	10 U	10 U	10 U
Xylenes (Total)	10 U	10 U	10 U

Table D-10-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the OG Real Estate Site

Analyte	Sample ID: / Date:	OG-GP01-GW 10/15/2003	OG-GP02-GW 10/15/2003	OG-GP03-GW 10/15/2003
TCL Semivolatile Organic Compounds (µg/L)				
1,1'-Biphenyl		10 U	10 U	10 U
2,2'-Oxybis(1- Chloropropane)		10 U	10 U	10 U
2,4,5-Trichlorophenol		25 U	25 U	25 U
2,4,6-Trichlorophenol		10 U	10 U	10 U
2,4-Dichlorophenol		10 U	10 U	10 U
2,4-Dimethylphenol		10 U	10 U	10 U
2,4-Dinitrophenol		25 UJ	25 UJ	25 UJ
2,4-Dinitrotoluene		10 U	10 U	10 U
2,6-Dinitrotoluene		10 U	10 U	10 U
2-Chloronaphthalene		10 U	10 U	10 U
2-Chlorophenol		10 U	10 U	10 U
2-Methylnaphthalene		10 U	10 U	10 U
2-Methylphenol		10 U	10 U	10 U
2-Nitroaniline		25 U	25 U	25 U
2-Nitrophenol		10 U	10 U	10 U
3,3'-Dichlorobenzidine		10 U	10 U	10 U
3-Nitroaniline		25 U	25 U	25 U
4,6-Dinitro-2-Methylphenol		25 U	25 U	25 U
4-Bromophenyl-Phenylether		10 U	10 U	10 U
4-Chloro-3-Methylphenol		10 U	10 U	10 U
4-Chloroaniline		10 U	10 U	10 U
4-Chlorophenyl-Phenyl Ether		10 U	10 U	10 U
4-Methylphenol		10 U	10 U	10 U
4-Nitroaniline		25 UJ	25 UJ	25 UJ
4-Nitrophenol		25 UJ	25 UJ	25 UJ
Acenaphthene		10 U	10 U	10 U
Acenaphthylene		10 U	10 U	10 U
Acetophenone		10 U	10 U	10 U
Anthracene		10 U	10 U	10 U
Atrazine		10 U	10 U	10 U
Benzaldehyde		10 UJ	10 UJ	10 UJ
Benzo(a)anthracene		10 U	10 U	10 U
Benzo(a)pyrene		10 U	10 U	10 U
Benzo(b)fluoranthene		10 U	10 U	10 U
Benzo(g,h,i)perylene		10 U	10 U	10 U
Benzo(k)fluoranthene		10 U	10 U	10 U
Bis(2-Chloroethoxy)Methane		10 U	10 U	10 U
Bis-(2-Chloroethyl)Ether		10 U	10 U	10 U
Bis(2-Ethylhexyl)Phthalate		10 U	10 U	10 U
Butylbenzylphthalate		10 U	10 U	10 U
Caprolactam		10 U	10 U	10 U
Carbazole		10 U	10 U	10 U
Chrysene		10 U	10 U	10 U
Dibenzo(a,h)-anthracene		10 U	10 U	10 U
Dibenzofuran		10 U	10 U	10 U
Diethylphthalate		10 U	10 U	10 U
Dimethylphthalate		10 U	10 U	10 U
Di-n-Butylphthalate		10 U	10 U	10 U

Table D-10-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the OG Real Estate Site

Analyte / Sample ID: / Date:	OG-GP01-GW 10/15/2003	OG-GP02-GW 10/15/2003	OG-GP03-GW 10/15/2003
Di-n-Octylphthalate	10 U	10 U	10 U
Fluoranthene	10 U	10 U	10 U
Fluorene	10 U	10 U	10 U
Hexachlorobenzene	10 U	10 U	10 U
Hexachlorobutadiene	10 U	10 U	10 U
Hexachlorocyclo-Pentadiene	10 U	10 U	10 U
Hexachloroethane	10 U	10 U	10 U
Indeno(1,2,3-cd)-pyrene	10 U	10 U	10 U
Isophorone	10 U	10 U	10 U
Naphthalene	10 U	10 U	10 U
Nitrobenzene	10 U	10 U	10 U
n-Nitroso Diphenylamine	10 U	10 U	10 U
n-Nitroso-Di-n Propylamine	10 U	10 U	10 U
Pentachlorophenol	25 U	25 U	25 U
Phenanthrene	10 U	10 U	10 U
Phenol	10 U	10 U	10 U
Pyrene	10 U	10 U	10 U
TCL Pesticides and PCBs (µg/L)			
4,4'-DDD	0.1 U	0.1 U	0.1 U
4,4'-DDE	0.1 U	0.1 U	0.1 U
4,4'-DDT	0.1 U	0.1 U	0.1 U
Aldrin	0.05 U	0.05 U	0.05 U
Alpha-BHC	0.05 U	0.05 U	0.05 U
Alpha-Chlordane	0.05 U	0.05 U	0.05 U
Aroclor-1016	1 U	1 U	1 U
Aroclor-1221	2 U	2 U	2 U
Aroclor-1232	1 U	1 U	1 U
Aroclor-1242	1 U	1 U	1 U
Aroclor-1248	1 U	1 U	1 U
Aroclor-1254	1 U	1 U	1 U
Aroclor-1260	1 U	1 U	1 U
Beta-BHC	0.05 U	0.05 U	0.05 U
Delta-BBHC	0.05 U	0.05 U	0.05 U
Dieldrin	0.1 U	0.1 U	0.1 U
Endosulfan I	0.05 U	0.05 U	0.05 U
Endosulfan II	0.1 U	0.1 U	0.1 U
Endosulfan Sulfate	0.1 U	0.1 U	0.1 U
Endrin	0.1 U	0.1 U	0.1 U
Endrin Aldehyde	0.1 U	0.1 U	0.1 U
Endrin Ketone	0.1 U	0.1 U	0.1 U
Gamma-BHC (Lindane)	0.05 U	0.05 U	0.05 U
Gamma-Chlordane	0.05 U	0.05 U	0.05 U
Heptachlor	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05 U	0.05 U	0.05 U
Methoxychlor	0.5 U	0.5 U	0.5 U
Toxaphene	5 U	5 U	5 U

Table D-10-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the OG Real Estate Site

Analyte	Sample ID: OG-GP01-GW Date: 10/15/2003	OG-GP02-GW 10/15/2003	OG-GP03-GW 10/15/2003
TAL Metals and Mercury (µg/L)			
Aluminum	27.7 U	27.7 U	27.7 U
Antimony	9.2 U	9.2 U	9.2 U
Arsenic	**227**	5.8 U	5.8 U
Barium	**420**	**179 B**	**259**
Beryllium	0.1 U	0.1 U	**0.12 B**
Cadmium	0.7 U	0.7 U	0.7 U
Calcium	**157000**	**225000**	**474000**
Chromium	1 U	1 U	1 U
Cobalt	1.3 U	1.3 U	**2.4 B**
Copper	1 U	1 U	1 U
Iron	**11100**	**6150**	**41200**
Lead	2.2 U	2.2 U	2.2 U
Magnesium	**15300**	**48900**	**88300**
Manganese	**379**	**6130**	**18700**
Nickel	2.3 U	2.3 U	2.3 U
Potassium	**4190 B**	**4630 B**	**3090 B**
Selenium	3.8 U	**4.1 BJ**	**5.8 J**
Silver	1.4 U	1.4 U	1.4 U
Sodium	**124000 J**	**24900 J**	**22300 J**
Thallium	6.8 U	6.8 U	6.8 U
Vanadium	**2.2 B**	0.9 U	0.9 U
Zinc	**21.9**	**15.5 B**	**12.4 B**
Mercury	0.1 UJ	0.1 UJ	0.1 UJ
Total Cyanide (µg/L)			
Cyanide Tot.	5 U	5 U	5 U

Table D-10-5
Complete Analytical Data Summary for Groundwater Samples from Temporary Wells at the OG Real Estate Site

Key:

B = The reported value was less than the Contract Required Detection Limit but greater than or equal to the Instrument Detection Limit.
/D = Duplicate sample.
GW = Groundwater sample.
J = The reported value is an estimated quantity.
JN = The presence of the analyte has been "tentatively identified". The associated numeric value represents the estimated concentration.
mg/L = Milligrams per liter
OG = OG Real Estate Site.
PCB = Polychlorinated biphenyl.
R = The data is unusable. The sample results are rejected due to serious deficiencies in meeting the QC criteria.
TAL = Target Analyte List.
TCL = Target Compound List.
U = The analyte was analyzed for but not detected at the value reported.
UJ = The analyte was analyzed for but not detected. The reported quantitation limit is approximate and may be inaccurate.
µg/L = Micrograms per liter.
- = Sample was not analyzed for this parameter.