TOWN OF HUNTINGTON

FRANK P. PETRONE, *Supervisor*

ENVIRONMENTAL WASTE MANAGEMENT

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January 26, 2007

Mr. John Strang, P.E.
NYS Dept. of Environmental Conservation
Division of Environmental Remediation
Bureau of Hazardous Site Control, 11th Floor
625 Broadway
Albany, New York 12233-7014

Re: Huntington/East Northport Landfill; NYSDEC Site #1-52-040

Dear Mr. Strang,

As required by the Record of Decision for the above referenced site, transmitted herewith please find copies of the "Landfill Gas and Control System Monitoring Report" for the East Northport Landfill for the months of November 2006 and December 2006, as well as a copy of the "Groundwater and Surface Water Sampling and Analysis Report" for November 2006.

Please do not hesitate to call me if you have any questions or comments regarding these documents.

Sincerely,

Robert Litzke, Environmental Analyst

RL:rl
Enclosed: 1.) Landfill Gas and Control System Monitoring Report, November 2006
2.) Landfill Gas and Control System Monitoring Report, December 2006
3.) Groundwater and Surface Water Sampling and Analysis Report, November 2006

Cc: M. Laux, Deputy Director, DEWM, TOH (w/o encl.'s)
P. Del Col, Director, Engineering Services, TOH (w/ encl.'s)
M. Gross, Landfill Supervisor, DEWM, TOH (w/ encl.'s)
T. Chambers, Covanta (w/ encl.'s)
S. H. Rahman, NYSDEC (w/ encl.'s)

Groundwater and Surface Water
Sampling & Analysis
East Northport Landfill
East Northport, New York
November, 2006

Prepared for:

Town of Huntington Department of Environmental Waste Management
100 Main Street
Huntington, New York 11743

Prepared by:

R & C Formation, Ltd.
705 Bedford Ave., Suite 2B
Bellmore, New York 11710

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Section HA-1A

Tabulated comparison of historical analytical results in order as follows: CW1-S, CW1-M, CW2-M, CW4-S, CW4-M, EN1-M, EN6-S, EN6-M, EN7-M, EN9-M, EN10-M, SW-1, SW-2, SW-3, SW-4, SW-5, SW-6, SW-7

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Appendix 1. Laboratory Analytical Data

Groundwater and Surface Water Sampling & Analysis
East Northport Landfill
East Northport, New York
November, 2006

Introduction

This report presents the results of November, 2006 groundwater and surface water sampling and analyses performed as stipulated by the Record of Decision (ROD) for the East Northport Landfill Remedial Investigation/Feasibility Study. The ROD specifically requires the performance of "semi-annual sampling and analysis of eleven groundwater monitoring wells and seven surface water locations for leachate parameters." Figure 1 depicts the location of each groundwater and surface water sampling point. The scope-of-work performed each semi-annual event is presented below. A description of sampling methodology, quality assurance/quality control procedures, and a summary of analytical results follows.

Scope-of-Work

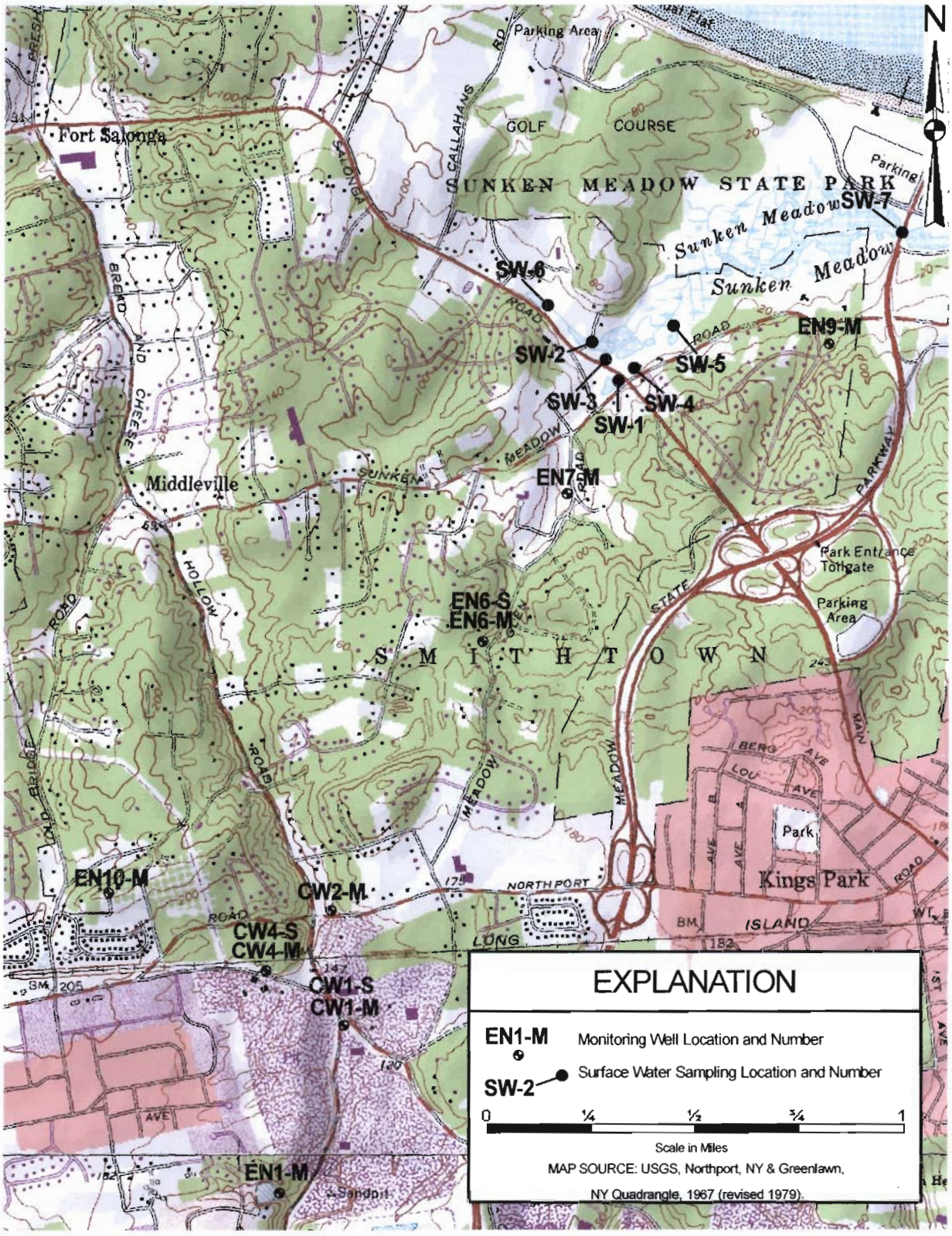
The scope-of-work includes performance of the following items:

1) sampling of groundwater from monitoring wells CW1-S, CW1-M, CW2-M, CW4-S, CW4-M, EN1-M, EN6-S, EN6-M, EN7-M, EN9-M, EN10-M and surface water from locations SW-1 through SW-7;

2) analyzing collected groundwater samples for *volatile organic compounds* by EPA method 624 with TCL parameter list and ASP category B reporting of data; *metals* (aluminum, arsenic, chromium, cadmium, calcium, iron, lead, magnesium, mercury, potassium, sodium); and *leachate indicators* (alkalinity/bicarbonate, ammonia, nitrate, chloride, TDS, hardness, sulfate);

3) analyzing collected surface water samples for *volatile organic compounds* and *leachate indicators* (as above); and

4) measuring and recording appropriate field data including temperature, pH, specific conductivity, dissolved oxygen, salinity and turbidity.



Groundwater and Surface Water Sampling Locations

East Northport Landfill Post Closure Water Sampling	Prepared By: RDH	Figure 1
	Reviewed By: RNC	August, 2006

Sampling Methodology

Groundwater sampling methodology includes purging a minimum of 3-5 casing volumes of water from each monitoring well - via a submersible centrifugal pump (Grundfos Redi-Flo2) with per-well dedicated tubing - prior to sample collection. During well-water purging activities, dissolved oxygen, specific conductivity, temperature, pH, salinity and turbidity are measured and recorded on a per-casing-volume basis. Groundwater samples are collected upon the stabilization of these values to within 10 %. The Grundfos Redi-Flo2 is cleaned between each groundwater sampling location internally and externally with an Alconox and water solution, followed by two fresh water rinses.

Surface water sampling methodology entails the careful submergence of laboratory-provided sample containers at each sampling point and the establishment of a smooth flow of water into them until filled. In addition, surface water samples are collected during a dry period (minimum of 3 days without precipitation prior to sampling) to minimize the influence of surface water runoff from adjacent land surfaces and roadways. Therefore, collected surface water samples reflect stream base-flow and, for the most part, the quality of groundwater.

All eleven groundwater samples were collected November 14, 2006. Attributable to a period of precipitation and the requisite 3-day dry period prior to sampling, all seven surface water samples were collected November 21, 2006. Upon the completion of sampling activities, collected samples were submitted under chain-of-custody control to New York State Department of Health certified Chemtech for chemical analysis.

Appendix 1 presents a copy of the original laboratory "Sample Data Summary Package." Field data, measured and recorded at groundwater and surface water sampling locations, are summarized on Table 1. Note that data associated with groundwater sampling points reflect the last value measured during well-purging activities.

Quality Assurance/Quality Control

A narrative discussion (conformance/nonconformance summary) of QA/QC procedures practiced by Chemtech - which encompass instrument calibrations, analysis of method blanks, matrix spike blanks, and the percent-recovery of surrogates (system monitoring compounds) - is included in the above-mentioned "Sample Data Summary Package" presented in Appendix 1. Matrix spike/matrix spike duplicates (MS/MSD's) were collected to support both groundwater and surface water analyses. The MS/MSD samples were collected from monitoring well EN7-M and sampling location SW-2 for

Table 1

Summary of Field Data
Measured November 14 & 21, 2006
East Northport Landfill, East Northport, NY

Sampling Point	Dissolved Oxygen (mg/l)	Conductivity (umhos)	Temperature (°centigrade)	pH (units)	Salinity (‰)	Turbidity (ntu)
CW1-S	3.54	1220	21.8	7.69	0.1	26.1
CW1-M	3.14	709	21.8	7.34	0.0	8.5
CW2-M	4.64	345	14.4	6.69	0.0	0.0
CW4-S	6.68	145	15.2	6.82	0.0	21.7
CW4-M	8.92	322	16.3	6.74	0.0	0.0
EN1-M	8.29	358	12.6	6.32	0.0	0.0
EN6-S	8.92	286	12.8	5.88	0.0	2.4
EN6-M	6.45	840	12.6	6.66	0.0	0.0
EN7-M	5.83	1610	12.0	6.91	0.1	1.8
EN9-M	7.50	361	11.5	6.86	0.0	1.3
EN10-M	5.52	210	14.8	5.58	0.0	26.7
SW-1	8.14	380	8.4	8.05	0.0	12.9
SW-2	8.20	495	6.6	7.30	0.0	13.7
SW-3	6.99	287	10.3	6.94	0.0	18.6
SW-4	8.02	343	8.4	7.37	0.0	13.4
SW-5	9.44	900	7.3	8.40	0.0	23.9
SW-6	8.81	460	6.3	6.81	0.0	36.6
SW-7	7.93	5080	8.5	8.27	0.3	46.4

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groundwater and surface water QA/QC purposes, respectively. In addition, trip blanks representing groundwater (TB-GW) and surface water samples (TB-SW) were analyzed for volatile organic compounds. A field blank (FB11-14), representing groundwater sampling activities, was also analyzed for volatile organic compounds.

The accuracy of reported analytical results is assessed by way of analyzing "blind duplicates" collected from groundwater monitoring well CW1-M (identified as DUP 11-14) and surface water sampling location SW-3 (identified as DUP 11-21). Blind duplicate samples DUP 11-14 and Dup 11-21 were analyzed for all groundwater and surface water parameters, respectively.

Summary of Analytical Results

QA/QC Samples

Volatile organic compounds were not detected in either of the aforementioned trip or field blanks. In addition, analytical results in relation to groundwater and surface water blind duplicates are comparable (see Tables 2, 2A, 3 and 3A). Consequently, the results of groundwater and surface water analyses summarized below are considered valid.

Groundwater

Table 2 and Table 2A summarize analytical results in relation to volatile organic compounds and metals/leachate indicators, respectively - including comparisons with New York State Department of Environmental Conservation (NYSDEC) Class GA drinking water standards.

As shown on Table 2, the sole volatile organic compound detected in excess of NYSDEC drinking water standards is *trichloroethene* which, in groundwater sampled from monitoring well EN-7, was detected at a concentration of 7.8 micrograms per liter (µg/l).

Metals detected in excess of NYSDEC drinking water standards, as shown on Table 2A, include *arsenic* (CW1-S, CW1-M), *cadmium* (CW4-S), *iron* (CW1-S, CW1-M, CW4-S, EN10-M), *lead* (CW4-S), *magnesium* (EN7-M) and *sodium* (CW1-S, CW1-M, CW2-M EN6-S, EN6-M, EN7-M, EN9-M). Leachate indicators detected in excess of NYSDEC drinking water standards include *ammonia* (CW1-S, CW1-M) and *chloride* (EN7-M).

Surface Water

A summary of analytical results in relation to volatile organic compounds and leachate indicators - including a comparison with NYSDEC Class GA drinking water standards - is presented on Table 3 and Table 3A, respectively.

As shown on Table 3, volatile organic compounds were not detected above NYSDEC Class GA drinking water standards in any of the collected surface water samples.

As shown on Table 3A, the sole leachate indicator detected in excess of NYSDEC Class GA drinking water standards is *chloride* which, in surface water sample SW-7, was detected at a concentration of 1,400.0 milligrams per liter (mg/l). As previously reported, an elevated concentration of chloride at this sampling point is attributable to the influence of saline surface water, insofar as surface water sample SW-7 is collected from within the tidal portion of Sunken Meadow Creek.

Historical Analysis

A tabulated comparison of historical analytical results for the period-of-record dating from June, 1996 through November, 2006, on a per sampling-point basis, is presented in Section HA-1A. A summary of inconsistencies with the most recent analyses, completed August, 2006, is presented below. With the exception of the below-listed inconsistencies, November, 2006 analytical results, as summarized above, remain similar to those of past events (i.e., June, 1996, April & September, 1997, April & September, 1998, April & September, 1999, April & September, 2000, April & September, 2001, April & September, 2002, April & October, 2003, June & October, 2004, April and September 2005, August, 2006).

Groundwater

* The concentration of *1,3-dichlorobenzene* decreased in groundwater sampled from monitoring well EN7-M from 3.4 (µg/l), a concentration above NYSDEC's drinking water standard of 3.0 µg/l, to non-detect (ND) .

* The concentration of *cadmium* increased in groundwater sampled from monitoring well CW4-S from ND to 7.5 µg/l, a concentration above NYSDEC's drinking water standard of 5.0 µg/l.

* The concentration of *chromium* decreased in groundwater sampled from monitoring well EN7-M from 98.8 µg/l, a concentration above NYSDEC's drinking water standard of 50.0 µg/l, to 12.7 µg/l.

* The concentration of *iron* decreased in groundwater sampled from monitoring well EN7-M from 352.0 µg/l, a concentration above NYSDEC's drinking water standard of 300.0 µg/l, to 102.0 µg/l.

* The concentration of *lead* decreased in groundwater sampled from monitoring well EN10-M from 285.0 µg/l, a concentration above NYSDEC's drinking water standard of 25.0 µg/l, to 16.2 µg/l.

* The concentration of *sodium* increased in groundwater sampled from monitoring well CW2-M from 19,400.0 µg/l to 22,700.0 µg/l, a concentration above NYSDEC's drinking water standard of 20,000.0.0 µg/l.

Surface Water

* The concentration of *sulfate* decreased at sampling point SW-7 from 370.0 µg/l, a concentration above NYSDEC's drinking water standard of 250.0 µg/l, to 220.0 µg/l.

Summary of Analytical Results-Groundwater
East Northport Landfill, East Northport, NY
Sampled November 14, 2006
Volatile Organic Compounds
Reported in Micrograms per Liter

Parameter	CW1-S	CW1-M	CW2-M	CW4-S	CW4-M	EN1-M	EN6-S	EN6-M	EN7-M	EN9-M	EN10-M	DUP11-14	TB11-14	FB11-14	NYSDEC Class GA Standard
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	NS/GV
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	5.0
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	2.0
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	5.0
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	5.0
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	5.0
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	1.4 J	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	5.0
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	1.1 J	1.8 J	ND(0.28)	ND(0.28)	1.8 J	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	5.0
trans-1,2-Dichloroethene	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	5.0
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	7.0
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	5.0
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	2.6 J	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	5.0
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	5.0
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	50.0 GV
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	5.0
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	0.4*
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	1.1 J	**7.8**	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	5.0
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	1.0
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	50.0 GV
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	0.4*
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	1.0
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	NS/GV
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	50.0 GV
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	5.0
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	4.2 J	2.3 J	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	ND(0.74)	5.0
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	5.0
Chlorobenzene	1.7 J	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	1.3 J	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	5.0

Table 2 continued

Parameter	CW1-S	CW1-M	CW2-M	CW4-S	CW4-M	EN1-M	EN6-S	EN6-M	EN7-M	EN9-M	EN10-M	DUP11-14	TB11-14	FB11-14	NYSDEC Class GA Standard
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.0
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	3.0
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	3.0
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	2.7 J	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	3.0

Note:
ND( ): Compound not detected at the method detection limit
NYSDEC Class GA Standards: New York State Department of Environmental Conservation Ambient Water Quality Standards for Source of Drinking Water Title 6 Part 703 (per June 1998 revision)
GV: NYSDEC Guidance Value for Source of Drinking Water
NS/GV: No NYSDEC Standard or Guidance Value Established
J: Indicates an estimated value; compound is present at a concentration less than specified detection limit
*Standard of 0.4 applies to sum of cis and trans 1,3-Dichloropropene

Summary of Analytical Results-Groundwater
East Northport Landfill, East Northport, NY
Sampled November 14, 2006
Metals and Leachate Indicators

Reported in Micrograms per Liter (µg/l) and Milligrams per Liter (mg/l)

Metals (µg/l)	CW1-S	CW1-M	CW2-M	CW4-S	CW4-M	EN1-M	EN6-S	EN6-M	EN7-M	EN9-M	EN10-M	DUP11-14	NYSDEC Class GA Standard
Aluminum	9.5 J	48.0 J	ND(7.6)	652.0	ND(7.6)	ND(7.6)	ND(7.6)	ND(7.6)	12.5 J	ND(7.6)	321.0	37.5 J	NS/GV
Arsenic	**67.1**	**36.0**	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	ND(4.1)	**38.2**	25.0
Cadmium	0.74 J	ND(0.52)	0.64 J	**7.5**	ND(0.52)	1.2 J	1.2 J	2.0 J	0.98 J	1.2 J	ND(0.52)	ND(0.52)	5.0
Calcium	16,300.0	16,700.0	25,200.0	17,400.0	29,600.0	25,600.0	13,400.0	79,500.0	127,000.0	24,600.0	1460.0 J	17,100.0	NS/GV
Chromium	12.2	5.8 J	20.4	20.4	7.4 J	21.1	10.6	14.1	12.7	11.6	8.7 J	9.3 J	50.0
Iron	**6,810.0**	**13,100.0**	72.2 J	**3,490.0**	ND(30.4)	52.5 J	71.6 J	ND(30.4)	102.0	ND(30.4)	**437.0**	**12,900.0**	300.0
Lead	ND(1.6)	ND(1.6)	ND(1.6)	**205.0**	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	ND(1.6)	16.2	ND(1.6)	25.0
Magnesium	19,700.0	11,400.0	10,600.0	6,340.0	13,100.0	10,200.0	6,580.0	26,300.0	**57,900.0**	12,800.0	582.0 J	12,000.0	35,000.0 GV
Mercury	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	ND(0.1800)	0.7
Potassium	86,600.0	29,900.0	8,590.0	5,980.0	206.0 J	542.0 J	1120.0 J	3820.0 J	5000.0 J	956.0 J	1,250.0 J	31,200.0	NS/GV
Sodium	**170,000.0**	**49,600.0**	**22,700.0**	11,400.0	16,200.0	18,700.0	**27,500.0**	**65,200.0**	**300,000.0**	**29,700.0**	ND(215.0)	**52,700.0**	20,000.0
Leachate Indicators (mg/l)													
Ammonia	**80.00**	**26.00**	0.33	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	ND(0.200)	0.45	**5.93**	2.0
Bicarbonate	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	ND(2.000)	NS/GV
Chloride	75.00	29.00	27.00	11.00	24.00	29.00	40.00	99.00	**270.00**	66.00	2.86	29.00	250.0
Nitrate	ND(0.50)	ND(0.50)	1.22	0.61	7.43	8.96	4.95	6.75	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	10.0
Sulfate	8.53	33.00	32.00	11.00	33.00	43.00	18.00	79.00	110.00	21.00	ND(1.000)	27.00	250.0
Alkalinity	570.00	210.00	63.00	44.00	39.00	30.00	18.00	120.00	510.00	36.00	9.44	210.00	NS/GV
TDS	520.00	260.00	170.00	81.00	180.00	210.00	150.00	460.00	1,100.00	240.00	21.00	250.00	NS/GV
Hardness	121.75	88.45	106.71	69.58	127.97	106.03	60.58	306.94	555.41	114.03	6.04	92.11	NS/GV

Note:
ND( ): Compound not detected at the method detection limit
NYSDEC Class GA Standards: New York State Department of Environmental Conservation Ambient Water Quality Standards for Source of Drinking Water Title 6 Part 703 (per June 1998 revision)
GV: NYSDEC Guidance Value for Source of Drinking Water
NS/GV: No NYSDEC Standard or Guidance Value Established
B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit
J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

Table 3

Summary of Analytical Results-Surface Water
East Northport Landfill, East Northport, NY
Sampled November 21, 2006

Volatile Organic Compounds

Reported in Micrograms per liter

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	DUP11-21	TB11-21	NYSDEC Class GA Standard
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	ND(0.45)	NS/GV
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	ND(1.3)	5.0
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	ND(0.62)	2.0
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.1)	5.0
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	ND(0.98)	5.0
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	ND(0.58)	5.0
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	ND(0.33)	5.0
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	5.0
trans 1,2-Dichloroethene	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.40)	5.0
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	ND(0.18)	7.0
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	ND(0.28)	5.0
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	ND(0.17)	5.0
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	ND(0.34)	5.0
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	ND(0.30)	50.0 GV
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	ND(0.27)	5.0
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	ND(0.26)	0.4*
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	ND(0.59)	5.0
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	1.0
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	50.0 GV
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	ND(0.29)	0.4*
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	ND(0.36)	1.0
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	ND(6.2)	NS/GV
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	ND(0.22)	50.0 GV
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	ND(0.35)	5.0
Tetrachloroethene	1.7 J	2.3 J	2.2 J	1.4 J	ND(0.74)	ND(0.74)	ND(0.74)	2.1 J	ND(0.74)	5.0
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	ND(0.38)	5.0
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	ND(0.47)	5.0

Table 3 continued

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	DUP11-21	TB11-21	NYSDEC Class GA Standard
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.50)	5.0
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	ND(0.67)	3.0
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	ND(0.65)	3.0
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	ND(0.79)	3.0

Note:

ND( ): Compound not detected at the method detection limit

NYSDEC Class GA Standards: New York State Department of Environmental Conservation Ambient Water Quality Standards for Source of Drinking Water Title 6 Part 703 (per June 1998 revision)

GV: NYSDEC Class GA Guidance Value for Source of Drinking Water

NS/GV: No NYSDEC Standard or Guidance Value Established

*Standard of 0.4 applies to sum of cis and trans 1,3-Dichloropropene

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

Table 3A

Summary of Analytical Results-Surface Water
East Northport Landfill, East Northport, NY
Sampled November 21, 2006
Leachate Indicators
Reported in Milligrams per Liter

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	DUP11-21	NYSDEC Class GA Standard
Ammonia	0.2	0.2	0.2	0.2	0.2	0.5	ND(0.200)	ND(0.200)	2.0
Bicarbonate	34.0	61.0	26.0	34.0	50.0	55.0	60.0	26.0	NS/GV
Chloride	49.0	69.0	38.0	51.0	64.0	74.0	**1,400.0**	37.0	250.0
Nitrate	2.73	1.73	3.8	2.7	2.09	1.18	0.71	3.78	10.0
Sulfate	20.0	37.0	20.0	22.0	26.0	18.0	220.0	21.0	250.0
Alkalinity	34.0	61.0	26.0	34.0	50.0	55.0	60.0	26.0	NS/GV
TDS	190.0	190.0	170.0	260.0	240.0	230.0	2,800.0	170.0	NS/GV
Hardness	75.8	105.2	72.6	74.2	106.6	83.5	608.1	68.7	NS/GV

Note:
ND( ): Compound not detected at the method detection limit
NYSDEC Class GA Standards: New York State Department of Environmental Conservation Ambient Water Quality Standards for Source of Drinking Water Title 6 Part 703 (per June 1998 revision)
NS/GV: No NYSDEC Standard or Guidance Value Established

Section HA-1A

CW1-S

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	**3.0**	**3.0**	**3.0 J**	**3.0 J**	ND(0.5)	**1.6**	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.6)	ND(0.3)	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	**10.0**	**15.0**	**11.0**	**7.0**	ND(5.0)	ND(0.6)	**9.8**	**5.3**	**6.2**
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	1.0 J	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	0.8
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		4.0	3.0	3.0 J	ND(10.0)	2.4	2.9	ND(0.3)	2.5

CW1-S (continued)

Parameter / Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/3/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	**2.9**	**2.4**	**2.4**	**2.2 J**	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	**1.6 J**
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	**6.5**	**6.8**	**7.0**	ND(1.0)	4.2 J	ND(0.24)	4.9 J	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	0.7	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	1.9	2.0 J	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	2.9	ND(0.3)	1.7	2.0 J	ND(1.4)	1.3 J	ND(0.30)	1.1 J	1.7 J

CW1-S (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	**1.9 J**	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	**6.6**	ND(0.47)	1.7 J						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	1.5 J	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

CW1-S
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/22/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Aluminum	180 b	162.0 B	44.2 B	ND(26.8)	85.4 B	ND(200.0)	49.6 B	54.1 B	124.0 B
Arsenic	**62.1**	**79.4**	**62.4**	**44.8 B**	**70.8**	**61.0**	**56.8**	**67.2**	**60.6**
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	14,500.0	27,900.0	12,800.0	15,000.0 E	25,700.0	13,600.0	12,300.0	17,500.0	17,200.0
Chromium	8 b	10.8	7.9 B	ND(8.3)	22.0	ND(5.0)	4.8 B	4.8 B	4.1 B
Iron	**3,570.0**	**5,760.0**	**3,690.0**	**4,540.0**	**5,900.0**	**5,270.0**	**5,450.0**	**5,800.0**	**5,510.0**
Lead	5.4	ND(1.6)	ND(1.6)	ND(1.1)	3.0	ND(4.0)	4.2	12.7	2.2 B
Magnesium	32,900	**47,300.0**	31,300.0	**36,700.0 E**	34,200.0 E	30,700.0	24,300.0	**37,300.0**	30,700.0
Mercury	ND(0.2)	ND(0.06)	ND(0.04)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.19 B	ND(0.1)
Potassium	263,000	384,000.0	239,000.0	199,000.0	228,000.0 E	177,000.0	140,000.0 E	195,000.0	194,000.0 B
Sodium	**472,000**	**592,000.0 E**	**480,000.0 E**	**406,000.0**	**450,000.0 E**	**360,000.0**	**271,000.0**	**420,000.0**	**442,000.0**
Leachate Indicators (mg/l)									
Ammonia	**273.0**	**343.0**	**319.0**	**280.0**	**190.0**	**243.0**	**143.0**	**190.0**	**200.0**
Bicarbonate		2,330.0	1,850.0	1,820.0	1,850.0	1,550.0	1,539.0	1,400.0	1,240.0
Chloride	**477.0**	**520.0**	5.2	**362.0**	**337.0**	**282.0**	**276.0**	240.0	**270.0**
Nitrate	3.73	0.1	ND(0.04)	ND(0.2)	ND(0.05)	ND(0.50)	ND(0.05)	ND(0.5)	ND(0.5)
Sulfate	5	ND(3.0)	17.4	30.0	22.5	34.0	31.2	24.0	1.8
Alkalinity	216	2,330.0	1,850.0	1,820.0	1,850.0	1,550.0	1,540.0	1,400.0	1,240.0
TDS	3,600	2,300.0	2,070.0	1,540.0	1,690.0	1,430.0	1,821.0	1,500.0	1,600.0
Hardness	44	263.57	160.0	188.0 E	204.0	160.0	2,000.0	200.0	170.0

CW1-S (continued)

Metals (ug/l) Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/3/04	10/26/04	4/12/05
Aluminum	30.1 B	ND(45.7)	ND(7.3)	26.5 B	ND(78.9)	85.7 J	56.2 J	ND(180.0)	18.2 J
Arsenic	**67.6**	**71.0**	**67.9**	**75.4**	ND(11.0)	**66.6**	**59.1**	ND(4.840)	**64.20**
Cadmium	ND(0.4)	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	22,800.0	19,300.0	19,700.0	24,700.0	11,700.0	16,200.0	16,800.0	7,410.0	25,100.0
Chromium	6.6 B	ND(5.0)	1.6 B	5.3 B	ND(1.0)	15.4	**125.0**	2.130 J	2.480 J
Iron	**4,580.0**	**5,080.0**	**5,180.0**	**6,580.0**	**721.0**	**4,750.0**	**4,370.0**	**1,400.0**	**6,690.0**
Lead	ND(2.5)	ND(3.0)	3.5	4.3	ND(3.0)	6.2	4.5 J	ND(1.790)	ND(2.180)
Magnesium	35,400.0	27,600.0	25,900.0	25,800.0	6,740.00	19,500.0	19,100.0	2,020.0 J	25,600.00
Mercury	ND(0.2)	0.25	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0700 J
Potassium	182,000.0	133,000.0	147,000.0	150,000.0	24,100.00	114,000.0	116,000.0	1,720.0 J	123,000.00
Sodium	**447,000.0**	**336,000.0**	**316,000.0**	**407,000.0**	**56,400.00**	**219,000.0**	**219,000.0**	5,850.0	**263,000.00**
Leachate Indicators (mg/l)									
Ammonia	**180.0**	**170.0**	**150.0**	**160.0**	ND(0.2)	**55.0**	**39.0**	**110.0**	**34.0**
Bicarbonate	1,400.0	1,500.0	1,300.0	1,300.0	820.0	880.0	900.0	870.0	990.0
Chloride	**260.0**	210.0	**270.0**	210.0	53.0	130.0	130.0	130.0	170.0
Nitrate	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.50)
Sulfate	7.8	31.0	20.0	2.46	28.0	34.0	28.0	12.0	17.0
Alkalinity	1,400.0	1,500.0	1,300.0	1,300.0	830.0	880.0	910.0	870.0	990.0
TDS	1,290.0	1,500.0	1,200.0	1,400.0	1,025.0	903.0	858.0	10,850.0	980.0
Hardness	200.0	160.0	160.0	170.0	57.0	121.0	120.0	27.0	168.0

CW1-S (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	109.0 J	103.0 J	9.5 J						
Arsenic	**61.70**	**29.7**	**67.1**						
Cadmium	ND(0.327)	ND(0.327)	0.74 J						
Calcium	27,700.0	13,400.0	16,300.0						
Chromium	2.060 J	10.1	12.2						
Iron	**6,390.0**	**13,000.0**	**6,810.0**						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	26,400.0	8,420.0	19,700.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	103000	19,300.0	86,600.0						
Sodium	**349,000.0**	**33,400.0**	**170,000.0**						
Leachate Indicators (mg/l)									
Ammonia	**140.0**	**3.73**	**80.00**						
Bicarbonate	1000.0	190.00	ND(2.000)						
Chloride	160.0	29.00	75.00						
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)						
Sulfate	13.0	30.00	8.53						
Alkalinity	1,000.0	190.00	570.00						
TDS	960.0	250.00	520.00						
Hardness	177.9	68.26	121.75						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

CW1-M

Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	**2.0**	**2.0**	**2.0 J**	**1.0 J**	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.6)	ND(0.3)	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	**5.4**	**5.0**	4.0	3.0 J	ND(5.0)	ND(0.6)	2.9	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	0.8 J	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		3.0	ND(2.0)	2.0 J	ND(10.0)	1.6	1.6	ND(0.3)	1.2

CW1-M (continued)

Parameter / Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/03/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	0.6	ND(0.6)	**1.8 J**	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	1.8	3.4 J	**5.3**	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	0.6	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

CW1-M (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	0.9 J	1.7 J	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

CW1-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Aluminum	526	157.0 B	123.0 B	ND(26.8)	ND(21.3)	ND(200.0)	42.0 B	68.6 B	89.8 B
Arsenic	**49.4**	**58.9**	**44.3**	**34.9**	**52.7**	**64.0**	**58.3**	**52.8**	**54.7**
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	3,580 b	4,270.0 B	2,550.0 B	16,500.0 E	19,300.0	20,000.0	22,500.0	19,600.0	17,700.0
Chromium	8.4 b	5.2 B	4.7 B	9.9 B	ND(8.2)	ND(5.0)	1.9 B	8.3 B	1.0 B
Iron	**1,960**	**1,930.0**	**1,510.0**	**9,060.0**	**9,690.0**	**11,300.0**	**12,900.0**	**8,710.0**	**13,600.0**
Lead	3.4	2.1 B	3.1	ND(1.1)	1.7 B	ND(4.0)	ND(3.0)	**147.0**	ND(2.0)
Magnesium	20,000	22,200.0	14,500.0	26,900.0 E	22,000.0 E	26,200.0	22,300.0	24,200.0	17,300.0
Mercury	ND(0.2)	ND(0.06)	ND(0.04)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	195,000	271,000.0	137,000.0	100,000.0	89,400 E	88,700.0	77,500.0 E	93,800.0	63,900.0
Sodium	**391,000**	**411,000.0 E**	**302,000.0 E**	**177,000.0 E**	**163,000.0 E**	**152,000.0**	**142,000.0**	**160,000.0**	**102,000.0**
Leachate Indicators (mg/l)									
Ammonia	**221.0**	**204.0**	**195.0**	**115.0**	**84.0**	**106.0**	**80.0**	**90.0**	**65.0**
Bicarbonate		1,450.0	1,180.0	814.0	724.0	680.0	597.0	560.0	420.0
Chloride	**363**	**255.0**	**337.0**	173.0	115.0	119.0	116.0	91.0	71.0
Nitrate	2.73	0.45	0.29	0.28	ND(0.05)	ND(0.50)	ND(0.05)	ND(0.5)	ND(0.5)
Sulfate	3.18	16.0	38.9	120.0	93.9	99.0	200.0	90.0	76.0
Alkalinity	1,870	1,450.0	1,180.0	814.0	724.0	680.0	598.0	560.0	420.0
TDS	2,570	1,280.0	1,380.0	736.0	744.0	773.0	792.0	770.0	600.0
Hardness	21	101.62	65.8	152.0 E	139.0	95.7	897.0	150.0	120.0

CW1-M (continued)

Metals (ug/l) Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/03/04	10/26/04	4/12/05
Aluminum	105.0 B	ND(45.7)	ND(7.3)	25.8 B	ND(78.9)	114.0 J	75.9 J	ND(180)	43.7 J
Arsenic	**113.0**	**70.4**	**29.3**	**56.7**	**75.1**	6.0 J	41.9	ND(4.840)	**40.60**
Cadmium	0.74 B	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	0.55 J	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	18,900.0	20,000.0	13,200.0	15,800.0	19,700.0	12,300.0	14,400.0	6,740.0	16,300.0
Chromium	**83.9**	ND(5.0)	ND(0.6)	5.8 B	4.4 B	2.2 J	25.1	1.3 J	ND(0.343)
Iron	**23,700.0**	**13,900.0**	**3,770.0**	**7,770.0**	**6,640.0**	191.0	**7,400.0**	81.8	**12,200.0**
Lead	ND(2.5)	ND(3.0)	4.6	7.1	3.8	5.3	7.3	ND(1.790)	ND(2.180)
Magnesium	18,700.0	20,300.0	14,700.0	16,700.0	24,400.0	11,300.0	11,700.0	1,260 J	12,500.00
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0700 J
Potassium	66,600.0	59,700.0	58,000.0	72,800.0	124,773.4	44,800.0	44,800.0	1050 J	39,300.00
Sodium	**120,000.0**	**119,000.0**	**92,400.0**	**156,000.0**	**254,000.0**	**64,300.0**	**54,100.0**	4640 J	**66,400.00**
Leachate Indicators (mg/l)									
Ammonia	**50.0**	**71.0**	**51.0**	**61.0**	0.5	**21.0**	**39.0**	**37.0**	**34.0**
Bicarbonate	340.0	410.0	380.0	570.0	120.0	200.0	280.0	280.0	280.0
Chloride	68.0	89.0	78.0	95.0	170.0	47.0	36.0	32.0	42.0
Nitrate	0.6	ND(0.5)	ND(0.5)	ND(0.5)	2.4	7.4	0.7	0.7	ND(0.50)
Sulfate	54.0	83.0	69.0	54.0	19.0	73.0	110.0	56.0	48.0
Alkalinity	340.0	410.0	390.0	570.0	120.0	200.0	280.0	280.0	280.0
TDS	420.0	670.0	480.0	680.0	274.0	396.0	376.0	353.0	380.0
Hardness	120.0	130.0	94.0	110.0	150.0	77.0	83.0	22.0	92.0

CW1-M (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	129 J	ND(5.31)	48.0 J						
Arsenic	**28.50**	**34.8**	**36.0**						
Cadmium	1.710 J	ND(0.327)	ND(0.52)						
Calcium	16,900.0	14,800.0	16,700.0						
Chromium	2.030 J	9.02 J	5.8 J						
Iron	**9210**	**5,290.0**	**13,100.0**						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	11,200.0	15,400.0	11,400.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	44300	85,000.0	29,900.0						
Sodium	**60,000.0**	**169,000.0**	**49,600.0**						
Leachate Indicators (mg/l)									
Ammonia	0.47	**53.00**	**26.00**						
Bicarbonate	270.0	660.00	ND(2.000)						
Chloride	36.0	92.00	29.00						
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)						
Sulfate	44.0	8.79	33.00						
Alkalinity	270.0	660.00	210.00						
TDS	330.0	630.00	260.00						
Hardness	88.2	100.42	88.45						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

CW2-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	2.0 J	2.0 J	4.6	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	2.2	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.6)	2.9	3.7
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

CW2-M (continued)

Parameter / Sampling Date	4/25/01	9/19/01	4/9/02	9/11/02	4/16/03	10/9/03	6/2/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	na	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	na	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	na	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	na	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	na	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	na	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	na	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	na	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	na	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	na	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	na	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	na	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	na	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	na	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	na	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	na	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	1.2	na	ND(0.4)	1.0 J	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	na	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	na	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	na	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	na	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	na	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	na	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	na	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	2.8	na	1.2	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	na	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	na	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	na	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	na	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	na	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	na	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

CW2-M (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	0.8 J	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

na: Not Accessible

CW2-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Aluminum	60 b	156.0 B	ND(34.8)	ND(26.8)	ND(21.3)	ND(200.0)	36.5 B	ND(25.8)	93.8 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	ND(2.0)	24.2	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	4.7 B	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	48,500.0	56,400.0	46,100.0	24,400.0 E	25,900.0	22,800.0	25,700.0	28,800.0	21,300.0
Chromium	ND(1.0)	ND(1.8)	ND(1.0)	ND(8.3)	10.3	ND(5.0)	2.3 B	4.7 B	ND(0.7)
Iron	**416.0**	263.0	**346.0**	109.0 B	**484.0**	**390.0**	184.0	60.9 B	112.0
Lead	ND(3.0)	ND(1.6)	ND(1.6)	3.5	2.4 B	ND(4.0)	ND(3.0)	ND(0.6)	ND(2.0)
Magnesium	7,500	6,960.0	7,510.0	4,800.0 BE	5,860.0 E	6,010.0	6,940.0	7,940.0	6,260.0
Mercury	ND(0.2)	ND(0.06)	0.05 B	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	16,800	13,500.0	11,500.0	6,050.0	7,060.0 E	5,640.0	5,880.0 E	7,160.0	5,950.0
Sodium	**34,900**	**31,700.0 E**	**31,800.0 E**	**23,500.0 E**	**24,400.0 E**	**22,500.0**	**29,500.0**	**27,600.0**	**24,800.0**
Leachate Indicators (mg/l)									
Ammonia	**2.52**	ND(0.05)	1.19	1.1	**4.9**	0.74	**7.40**	0.20	ND(0.2)
Bicarbonate		111.0	67.2	63.8	70.3	61.0	73.0	68.0	110.0
Chloride	51.4	31.2	44.1	37.2	26.9	33.6	40.8	46.0	46.0
Nitrate	ND(1.0)	1.31	ND(0.04)	0.46	ND(0.05)	ND(0.50)	0.295	0.860	0.900
Sulfate	76.4	55.5	40.2	40.0	39.8	36.5	48.8	39.0	39.0
Alkalinity	110	111.0	67.2	63.8	70.3	61.0	74.0	68.0	110.0
TDS	334	352.0	279.0	224.0	178.0	158.0	158.0	180.0	190.0
Hardness	55	169.62	145.0	80.7 E	88.7	80.8	110.0	100.0	79.0

CW2-M (continued)

Metals (ug/l) Sampling Date	4/25/01	9/20/01	4/9/02	9/11/02	4/16/03	10/9/03	6/2/04	10/26/04	4/12/05
Aluminum	86.8 B	na	ND(7.3)	35.8 B	ND(78.9)	25.1 J	53.4 J	ND(180)	35.8 J
Arsenic	ND(2.5)	na	ND(2.8)	ND(3.6)	ND(11.9)	ND(4.0)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	ND(0.4)	na	ND(0.4)	ND(1.0)	ND(1.0)	ND(.80)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	27,000.0	na	18,200.0	19,400.0	25,000.0	35,200.0	26,400.0	29,600.0	21,700.0
Chromium	ND(0.8)	na	ND(0.6)	8.4 B	ND(1.0)	ND(1.4)	16.4	ND(1.220)	ND(0.343)
Iron	93.8 B	na	25.0 B	112.0	227.0	85.4 J	92.2 J	168.0	234.0
Lead	2.9 B	na	4.4	5.2	4.0	4.0	6.6	ND(1.790)	ND(2.180)
Magnesium	8,240.0	na	5,650.0	6010.0	8,330.0	11,900.0	9,240.0	10,600.0	7,890.0
Mercury	ND(0.2)	na	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	0.1400 J	0.0400 J
Potassium	6,960.0	na	5,480.0	7,580.0	7,670.0	9,380.0	8,760.0	13,100.0	8,810.0
Sodium	**31,300.0**	na	**20,900.0**	**22,300.0**	**23,500.0**	**31,800.0**	**22,800.0**	**22,300.0**	**21,100.0**
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	na	ND(0.2)	ND(0.2)	ND(0.2)	0.3	ND(0.2)	0.487	0.367
Bicarbonate	59.0	na	52.0	46.0	55.0	90.0	71.0	83.0	64.0
Chloride	43.0	na	40.0	26.0	37.0	49.0	32.0	31.0	25.0
Nitrate	1.600	na	ND(0.5)	1.4	0.9	6.6	7.7	ND(0.500)	ND(0.50)
Sulfate	31.0	na	48.0	35.0	69.0	100.0	62.0	85.0	64.0
Alkalinity	59.0	na	52.0	46.0	55.0	90.0	71.0	83.0	64.0
TDS	190.0	na	160.0	140.0	222.0	321.0	221.0	251.0	190.0
Hardness	100.0	na	69.0	73.0	97.0	136.0	104.0	118.0	87.0

CW2-M (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	97.0 J	ND(5.31)	ND(7.6)						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	0.910 J	ND(0.327)	0.64 J						
Calcium	24,500.0	24,600.0	25,200.0						
Chromium	ND(0.343)	ND(0.343)	20.4						
Iron	150	ND(27.0)	72.2 J						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	8,680.0	9,520.0	10,600.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	10900	8,080.0	8,590.0						
Sodium	**21,100.0**	19,400.0	**22,700.0**						
Leachate Indicators (mg/l)									
Ammonia	**34.0**	ND(0.20)	0.33						
Bicarbonate	58.0	71.00	ND(2.000)						
Chloride	27.0	31.00	27.00						
Nitrate	ND(0.50)	1.67	1.22						
Sulfate	65.0	64.00	32.00						
Alkalinity	58.0	71.00	63.00						
TDS	190.0	250.00	170.00						
Hardness	96.9	100.53	106.71						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

na: Not Accessible

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

CW4-S

Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	**17.0**	**23.0**	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	1.2	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	3.0	ND(5.0)	4.0 J	**5.2**	ND(0.3)	ND(0.4)	1.7
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	**5.5**	ND(3.0)	4.0	ND(5.0)	5.0 J	4.6	**5.5**	ND(0.3)	2.3
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

CW4-S (continued)

Parameter / Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/3/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

CW4-S (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

CW4-S
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/14/99	9/2/99	4/26/00	9/5/00
Aluminum	90.6 b	347.0	273.0	270.0	62.0 B	ND(200.0)	80.7 B	41.9 B	314.0
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	2.7 B	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	32,300.0	25,200.0	30,700.0	7,400.0 E	35,300.0	37,700.0	45,800.0	28,400.0	30,200.0
Chromium	1.8 b	8.7 B	1.4 B	ND(8.3)	13.7	9.0	5.1 B	5.5 B	7.7 B
Iron	**8,160.0**	**7,720.0**	**7,650.0**	**2,700.0**	**9,220.0**	**10,100.0**	**9,590.0**	**5,530.0**	**5,710.0**
Lead	3.4	4.1	6.4	6.7	5.8	ND(4.0)	ND(3.0)	1.6 B	3.8
Magnesium	9,790.0	7,760.0	9,100.0	419.0 BE	10,600.0 E	12,900.0	15,900.0	8,870.0	10,800.0
Mercury	ND(0.2)	ND(0.06)	0.06 B	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	12,800.0	13,200.0	9,760.0	1,650.0 B	12,700.0 E	15,100.0	19,500.0 E	12,800.0	19,700.0
Sodium	**34,800.0**	**28,000.0 E**	**31,500.0 E**	2,310.0 BE	**40,200.0 E**	**46,500.0**	**51,100.0**	**27,400.0**	**42,300.0**
Leachate Indicators (mg/l)									
Ammonia	**4.7**	1.65	1.81	ND(0.2)	**6.2**	**5.99**	1.14	ND(0.2)	**4.50**
Bicarbonate		82.7	110.0	15.4	126.0	150.0	191.0	40.0	280.0
Chloride	39.0	31.9	90.4	4.3	55.9	69.8	85.1	20.0	50.0
Nitrate	4.89	0.25	0.30	0.53	0.23	ND(0.50)	ND(0.05)	6.900	ND(0.5)
Sulfate	37.3	20.5	29.8	ND(5.0)	38.7	47.6	76.1	29.0	36.0
Alkalinity	63.0	82.7	110.0	15.4	126.0	150.0	192.0	40.0	280.0
TDS	218.0	173.0	206.0	46.0	324.0	305.0	376.0	130.0	280.0
Hardness	41.0	94.80	114.0	20.2 E	132.0	146.0	286.0	98.0	120.0

CW4-S (continued)

Metals (ug/l) Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/3/04	10/26/04	4/12/05
Aluminum	142.0 B	202.0	75.1 B	65.4 B	319.0	106.0 J	64.4 J	ND(180)	154.00
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	2.9 B	3.3 B	3.3 B	ND(1.0)	1.2 B	0.93 J	1.3 J	1.580 J	2.700 J
Calcium	4,420.0 B	12,600.0	10,600.0	7,210.0	10,000.0	5,530.0	5,650.0	5,760.0	5,540.0
Chromium	2.6 B	ND(5.0)	ND(0.6)	6.5 B	7.6 B	2.7 J	4.2 J	ND(1.220)	11.10
Iron	**1,070.0**	**2,210.0**	**2,340.0**	**398.0**	**2,540.0**	237.0	**310.0**	197.0	**1,570.0**
Lead	4.8	14.9	9.1	10.6	**35.1**	8.3	6.0	ND(1.790)	17.20
Magnesium	222.0 B	2,400.0 B	1,520.0 B	520.0 B	2,230.0 B	293.0 J	288.0 J	619 J	229 J
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	0.0800 J	0.0400 J
Potassium	1,120.0 B	5,080.0	4,170.0 B	3,060.0 B	5,770.0	2,280.0 J	2040.0 J	2340 J	2710 J
Sodium	1,430.0 B	8,520.0	4,570.0 B	4,210.0 B	5,980.0	1,750.0 J	1380.0 J	1190 J	1740 J
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.60	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)
Bicarbonate	11.0	49.0	38.0	20.0	79.0	16.0	11.0	12.0	17.0
Chloride	2.3	11.0	8.5	4.7	8.4	2.4	2.5	2.8	3.3
Nitrate	ND(0.5)	ND(0.5)	ND(0.5)	0.9	0.5	0.7	0.9	0.5	0.717
Sulfate	ND(1.0)	10.0	8.6	4.06	7.7	1.9	14.0	ND(1.00)	ND(1.0)
Alkalinity	11.0	49.0	38.0	20.0	78.0	16.0	11.0	12.0	17.0
TDS	20.0	70.0	68.0	37.0	87.0	33.0	38.0	11.0	23.0
Hardness	12.0	41.0	33.0	20.0	34.0	15.0	15.0	17.0	15.0

Note:

CW4-S (continued)

Metals (ug/l) **Sampling Date**	9/8/05	8/2/06	11/14/06						
Aluminum	488.0	ND(5.31)	652.0						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	3.69 J	ND(0.327)	**7.5**						
Calcium	12,500.0	5,130.0	17,400.0						
Chromium	15.7	1.31 J	20.4						
Iron	**2,850.0**	**582.0**	**3,490.0**						
Lead	**42.3**	ND(2.18)	**205.0**						
Magnesium	3,780.0 J	557.0 J	6,340.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	7,250.0	1,790.0 J	5,980.0						
Sodium	7,620.0	ND(332)	11,400.0						
Leachate Indicators (mg/l)									
Ammonia	0.23	ND(0.20)	ND(0.200)						
Bicarbonate	50.0	21.00	ND(2.000)						
Chloride	14.0	4.02	11.00						
Nitrate	ND(0.50)	ND(0.50)	0.61						
Sulfate	14.00	3.28	11.00						
Alkalinity	50.0	21.00	44.00						
TDS	120.0	33.00	81.00						
Hardness	46.7	15.10	69.58						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

CW4-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/13/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.9 J	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	1.0	ND(5.0)	1.0 J	1.0	ND(0.5)	ND(0.3)	1.4
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	2.2	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.6)	2.1	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

CW4-M (continued)

Parameter / Sampling Date	4/25/01	9/19/01	4/9/02	9/12/02	4/15/03	10/9/03	6/3/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	1.2 J	ND(1.3)	ND(0.29)	ND(0.29)	1.0 J
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	0.4 J
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	1.4 J	1.1 J	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	0.4 J
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

CW4-M (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	1.1 J						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	0.6 J	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	0.8 J	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

CW4-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/14/99	9/2/99	4/26/00	9/5/00
Aluminum	65.2 b	157.0 B	ND(34.8)	29.8 B	ND(21.3)	ND(200.0)	27.6 B	ND(25.8)	80.7 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	2.6 B	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(0.3)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	34,700.0	40,000.0	24,500.0	23,200.0 E	24,500.0	21,600.0	25,100.0	24,200.0	21,100.0
Chromium	1.3 b	4.0 B	2.2 B	ND(8.3)	36.4	ND(5.0)	1.7 B	11.3	3.6 B
Iron	ND(27.0)	ND(34.0)	38.5 B	151.0	41.0 B	ND(50.0)	ND(21.0)	175.0	ND(15.9)
Lead	ND(3.0)	ND(1.6)	ND(1.6)	3.6	3.0	ND(4.0)	ND(3.0)	ND(0.6)	2.1 B
Magnesium	12,600	10,800.0	9,180.0	8,390.0 E	9,420.0 E	8,660.0	10,000.0	9,220.0	7,950.0
Mercury	ND(0.2)	ND(0.06)	ND(0.04)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	1,810 b	2,940.0 B	1,310.0 B	1,570.0 B	1,950.0 B E	1,460.0	1,320.0 BE	1,170.0 B	1,350.0 B
Sodium	15,300	15,900.0 E	12,000.0 E	10,700.0 E	12,400.0 E	10,600.0	12,700.0	8,610.0	10,900.0
Leachate Indicators (mg/l)									
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	0.27	ND(0.20)	1.42	4.30	ND(0.2)
Bicarbonate		51.9	42.3	33.0	32.0	31.5	30.0	110.0	69.0
Chloride	53.2	32.1	18.2	17.3	22.2	19.1	19.5	39.0	21.0
Nitrate	ND(1.0)	7.15	6.30	6.30	6.80	7.41	3.26	ND(0.5)	7.20
Sulfate	27.3	35.9	29.8	39.5	35.7	36.0	12.6	35.0	37.0
Alkalinity	124	51.9	42.3	33.0	32.0	31.5	31.0	110.0	69.0
TDS	319	154.0	121.0	152.0	232.0	150.0	130.0	200.0	130.0
Hardness	47	144.56	98.8	92.3 E	99.9	88.8	46.0	110.0	85.0

CW4-M (continued)

Metals (ug/l) Sampling Date	4/25/01	9/20/01	4/9/02	9/12/02	4/15/03	10/9/03	6/3/04	10/26/04	4/12/05
Aluminum	110.0 B	ND(45.7)	ND(7.3)	ND(10.1)	ND(78.9)	99.9 J	39.2 J	ND(180)	39.4 J
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	0.88 B	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	27,500.0	21,400.0	21,500.0	19,300.0	22,900.0	22,500.0	21,200.0	21,600.0	23,100.0
Chromium	2.9 B	ND(5.0)	2.1 B	7.1 B	1.8 B	3.8 J	**114.0**	ND(1.220)	2.420 J
Iron	275.0	18.3 B	ND(17.3)	45.9 B	72.9 B	78.1 J	**409.0**	43.0 J	40.2 J
Lead	4.5	ND(3.0)	4.8	9.2	ND(3.0)	6.7	5.4	ND(1.790)	ND(2.180)
Magnesium	9,280.0	8,280.0	7,940.0	7,610.0	9,350.0	8,590.0	8,220.0	8,570.0	9,380.0
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	0.0900 J	0.0400 J
Potassium	1,800.0 B	1,170.0 B	1,340.0 B	1,200.0 B	1,390.0 B	1,410.0 J	1200.0 J	1080 J	1350 J
Sodium	12,000.0	10,600.0	11,400.0	11,600.0	12,500.0	10,300.0	10,700.0	10,200.0	12,600.00
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	ND(0.2)	ND(0.2)	ND(0.2)
Bicarbonate	38.0	44.0	43.0	37.0	81.0	41.0	32.0	32.0	35.0
Chloride	20.0	22.0	30.0	23.0	22.0	22.0	22.0	22.0	22.0
Nitrate	5.90	6.90	6.70	7.20	6.80	6.90	7.3	7.2	7.28
Sulfate	28.0	31.0	26.0	26.0	32.0	31.0	39.0	37.0	40.0
Alkalinity	38.0	44.0	43.0	37.0	82.0	42.0	32.0	32.0	35.0
TDS	140.0	140.0	180.0	120.0	195.0	183.0	172.0	137.0	170.0
Hardness	110.0	88.0	86.0	80.0	96.0	91.0	88.0	89.0	96.0

CW4-M (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	89.4 J	ND(5.31)	ND(7.6)						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	ND(0.327)	ND(0.327)	ND(0.52)						
Calcium	22,000.0	25,200.0	29,600.0						
Chromium	1.79 J	50.2	7.4 J						
Iron	ND(27.0)	261.0	ND(30.4)						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	8,700.0	10,100.0	13,100.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	1,430.0 J	995.0 J	206.0 J						
Sodium	11,600.0	12,800.0	16,200.0						
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.31	ND(0.200)						
Bicarbonate	37.0	39.00	ND(2.000)						
Chloride	23.0	24.00	24.00						
Nitrate	7.10	7.44	7.43						
Sulfate	33.0	11.00	33.00						
Alkalinity	37.0	39.00	39.00						
TDS	160.0	180.00	180.00						
Hardness	90.8	104.76	127.97						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

EN1-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/14/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	1.0 J	0.6 J	1.0 J	ND(1.2)	ND(0.4)	0.7
1,1-Dichloroethane	ND(5.0)	2.0	3.0	3.0 J	3.0 J	ND(1.4)	2.9	2.0	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	2.0 J	2.0 J	ND(1.6)	ND(0.4)	ND(0.3)	1.2
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	**6.2**	**6.0**	**7.0**	**7.0**	**6.0**	**5.3**	2.7	**5.3**	**6.7**
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	0.7 J	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	0.8 J	ND(0.7)	ND(0.6)	1.0	0.9
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

EN1-M (continued)

Parameter / Sampling Date	4/25/01	9/20/01	4/9/02	9/12/02	4/15/03	10/9/03	6/2/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	1.0	1.4	1.2	2.0 J	2.1 J	1.6 J	ND(0.28)	2.2 J	ND(0.28)
1,1-Dichloroethane	ND(0.2)	2.2	ND(0.2)	2.4 J	2.6 J	ND(1.3)	ND(0.29)	ND(0.29)	1.2 J
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	1.9	1.3	1.5	ND(0.8)	1.8 J	ND(1.5)	ND(0.30)	1.8 J	0.9 J
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	**6.0**	ND(0.3)	**6.0**	4.6 J	4.6 J	4.2 J	4.5 J	4.7 J	2.7 J
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	1.3	0.9	0.8	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

EN1-M (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	1.7 J	ND(0.33)	1.4 J						
1,1-Dichloroethane	1.9 J	ND(0.28)	1.8 J						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	1.2 J	0.7 J	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	2.9 J	1.9 J	2.6 J						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

EN1-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) Sampling Date	6/96	4/23/97	9/11/97	4/30/98	9/30/98	4/14/99	9/2/99	4/26/00	9/5/00
Aluminum	71.8 b	119.0 B	ND(34.8)	ND(26.8)	ND(21.3)	ND(200.0)	25.2 B	ND(25.8)	59.0 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	ND(2.0)	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	32,400	35,800.0	30,400.0	24,600.0 E	29,900.0	26,400.0	27,300.0	26,800.0	22,300.0
Chromium	ND(1.0)	2.0 B	1.1 B	ND(8.3)	15.2	ND(5.0)	1.3 B	5.6 B	2.1 B
Iron	ND(27.0)	ND(34.0)	ND(22.4)	97.3 B	84.8 B	54.0	ND(21.0)	63.1 B	ND(15.9)
Lead	ND(3.0)	ND(1.6)	ND(1.6)	ND(1.1)	ND(1.5)	ND(4.0)	ND(3.0)	ND(0.6)	ND(2.0)
Magnesium	12,100	13,700.0	11,700.0	9,440.0 E	11,000.0 E	10,100.0	10,400.0	9,890.0	8,410.0
Mercury	ND(0.2)	ND(0.06)	ND(0.04)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	1,470 b	2,520.0 B	1,190.0 B	1,640.0 B	1,640.0 B E	1,470.0	1,260.0 BE	1,270.0 B	1,350.0 B
Sodium	10,800	16,500.0 E	14,000.0 E	14,500.0 E	16,300.0 E	14,600.0	15,900.0	12,100.0	14,000.0
Leachate Indicators (mg/l)									
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	1.42	ND(0.2)	ND(0.2)
Bicarbonate		22.2	21.9	24.2	23.4	23.2	24.0	27.0	50.0
Chloride	23	24.2	23.0	24.2	26.9	29.0	26.6	29.0	29.0
Nitrate	9.41	8.85	9.50	7.60	8.50	8.83	3.66	8.00	8.80
Sulfate	67.3	52.9	36.3	44.0	54.8	39.6	79.9	43.0	50.0
Alkalinity	23	22.2	21.9	24.2	23.4	23.2	25.0	27.0	50.0
TDS	203	172.0	165.0	132.0	200.0	148.0	155.0	150.0	150.0
Hardness	43	145.44	123.0	100.0 E	120.0	106.0	38.0	110.0	90.0

EN1-M (continued)

Metals (ug/l) Sampling Date	4/25/01	9/20/01	4/9/02	9/12/02	4/15/03	10/9/03	6/2/04	10/26/04	4/12/05
Aluminum	18.1 B	ND(45.7)	ND(7.3)	ND(10.1)	ND(78.9)	13.5 J	38.0 J	ND(180)	19.4 J
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	ND(0.4)	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	28,600.0	26,200.0	23,600.0	22,500.0	23,600.0	25,200.0	25,200.0	26,000.0	24,700.0
Chromium	2.8 B	ND(5.0)	1.1 B	4.3 B	1.7 B	1.4 J	**64.6**	ND(1.220)	0.905 J
Iron	20.3 B	29.2 B	ND(17.3)	ND(16.8)	67.8 B	158.8 J	218.0	43.0 J	41.2 J
Lead	ND(2.5)	ND(3.0)	3.8	9.8	ND(3.0)	5.9	4.0 J	ND(1.790)	ND(2.180)
Magnesium	10,700.0	9,810.0	8,660.0	8,620.0	9,810.0	9,440.0	9,400.0	9,660.0	9,450.0
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0600 J
Potassium	1,410.0 B	1,270.0 B	1,260.0 B	1,280.0 B	1,530.0 B	1,360.0 J	1380.0 J	1,410.0	1500 J
Sodium	16,400.0	15,200.0	14,600.0	15,300.0	17,100.0	14,500.0	15,600.0	16,900.0	19,100.0
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	ND(0.2)	ND(0.2)	ND(0.2)
Bicarbonate	24.0	34.0	28.0	26.0	77.0	26.0	23.0	24.0	27.0
Chloride	29.0	28.0	37.0	30.0	31.0	32.0	32.0	35.0	33.0
Nitrate	7.40	9.50	9.60	9.60	9.20	9.70	9.6	9.0	8.84
Sulfate	38.0	52.0	46.0	37.0	38.0	44.0	46.0	50.0	49.0
Alkalinity	24.0	34.0	28.0	26.0	77.0	26.0	23.0	24.0	27.0
TDS	190.0	160.0	230.0	160.0	223.0	240.0	215.0	187.0	190.0
Hardness	120.0	110.0	95.0	92.0	99.0	102.0	102.0	105.0	101.0

EN1-M (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	93.1 J	ND(5.31)	ND(7.6)						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	0.51 J	ND(0.327)	1.2 J						
Calcium	23,300.0	20,600.0	25,600.0						
Chromium	1.56 J	6.77 J	21.1						
Iron	ND(27.0)	ND(27.0)	52.5 J						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	8,580.0	7,770.0	10,200.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	1,420.0 J	1,690.0 J	542.0 J						
Sodium	17,000.0	19,200.0	18,700.0						
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.20)	ND(0.200)						
Bicarbonate	28.0	29.00	ND(2.000)						
Chloride	33.0	29.00	29.00						
Nitrate	8.66	8.76	8.96						
Sulfate	42.0	41.00	43.00						
Alkalinity	28.0	29.00	30.00						
TDS	190.0	220.00	210.00						
Hardness	93.6	83.52	106.03						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

EN6-S

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/29/98	9/29/98	4/13/99	9/2/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.7 J	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.7 J	ND(0.5)	ND(0.5)	ND(0.3)	2.7
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.6)	ND(0.3)	1.0
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

EN6-S (continued)

Parameter / Sampling Date	4/25/01	9/20/01	4/9/02	9/11/02	4/15/03	10/9/03	6/2/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	0.8	0.7	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	2.1 J	1.6 J
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	1.2	ND(0.3)	ND(0.3)	1.6 J	1.7 J	1.4 J	ND(0.34)	ND(0.34)	0.3 J
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	0.6	ND(0.3)	ND(1.0)	1.3 J	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

EN6-S (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	1.1 J	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	0.5 J	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

EN6-S
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/23/97	9/10/97	4/29/98	9/29/98	4/13/99	9/2/99	4/26/00	9/5/00
Aluminum	79.3 B	209.0	ND(34.8)	ND(26.8)	ND(21.3)	ND(200.0)	40.5 B	ND(25.8)	78.7 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	ND(2.0)	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	16,900.0	20,700.0	15,500.0	13,700.0 E	15,800.0	11,700.0	12,200.0	11,300.0	12,700.0
Chromium	16.8	31.6	2.0 B	ND(8.3)	11.8	6.0	6.9 B	8.8 B	2.0 B
Iron	245.0	**563.0**	ND(22.4)	20.5 B	131.0	296.0	81.3 B	96.8 B	16.4 B
Lead	ND(3.0)	ND(1.6)	ND(1.6)	ND(1.1)	ND(1.5)	ND(4.0)	ND(3.0)	2.0 B	ND(2.0)
Magnesium	7,700.0	9,840.0	7,400.0	6,190.0 E	6,960.0 E	5,500.0	5,680.0	5,030.0	5,900.0
Mercury	ND(0.2)	ND(0.06)	0.04 B	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	1,540.0 B	3,320.0 B	1,270 B	1,480.0 B	1,680.0 B E	1,370.0	1,170.0 B	1,230.0 B	1,560.0 B
Sodium	2,130.0	**32,600.0 E**	**26,200.0 E**	**23,800.0 E**	**26,800.0 E**	**23,000.0**	**20,200.0**	**26,200.0**	**26,900.0**
Leachate Indicators (mg/l)									
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	1.29	ND(0.2)	ND(0.2)
Bicarbonate		15.2	12.9	13.2	17.0	13.5	11.0	16.0	34.0
Chloride	62.0	42.2	44.5	36.1	47.2	36.7	37.2	48.0	49.0
Nitrate	7.37	**13.00**	6.00	5.60	5.80	5.49	3.91	3.70	6.60
Sulfate	21.8	31.3	24.9	20.5	21.8	22.0	26.2	22.0	24.0
Alkalinity	14.0	15.2	12.9	13.2	17.0	13.5	12.0	16.0	34.0
TDS	174.0	101.0	139.0	164.0	196.0	92.0	115.0	130.0	150.0
Hardness	22.0	92.09	69.1	59.6 E	68.1	51.4	18.0	49.0	56.0

EN6-S (continued)

Metals (ug/l) **Sampling Date**	4/25/01	9/20/01	4/9/02	9/11/02	4/15/03	10/9/03	6/2/04	10/26/04	4/12/05
Aluminum	30.4 B	217.0	ND(7.3)	51.6 B	ND(78.9)	85.0 J	59.2 J	ND(180.0)	16.2 J
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	ND(0.4)	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	17,400.0	14,100.0	12,700.0	14,400.0	14,500.0	13,300.0	12,200.0	14,000.0	11,900.0
Chromium	**430.0**	41.3	14.1	46.2	22.8	37.8	7.9 J	7.8 J	2.740 J
Iron	**2,100.0**	**1,280.0**	207.0	**468.0**	249.0	**482.0**	66.6 J	**381.0**	31.4 J
Lead	ND(2.5)	ND(3.0)	5.2	7.9	ND(3.0)	6.9	4.4 J	ND(1.790)	ND(2.180)
Magnesium	8,180.0	6,560.0	5,810.0	6,810.0	7,290.0	6,270.0	5,660.0	6,080.0	5,620.0
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0900 J
Potassium	1,840.0 B	1,570.0 B	1,520.0 B	1,750.0 B	1,870.0 B	1,740.0 J	1540 J	1,610.0 J	1850 J
Sodium	**33,400.0**	**28,100.0**	**26,100.0**	**30,100.0**	**34,300.0**	**27,900.0**	**25,200.0**	**24,200.0**	**32,900.0**
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.4	2.5	**0.356**	ND(0.2)
Bicarbonate	16.0	24.0	16.0	13.0	14.0	14.0	9.5	11.0	14.0
Chloride	45.0	48.0	57.0	46.0	49.0	48.0	48.0	57.0	51.0
Nitrate	6.80	6.90	7.20	8.30	7.40	7.60	6.3	6.2	5.35
Sulfate	27.0	25.0	26.0	28.0	28.0	29.0	23.0	26.0	24.0
Alkalinity	16.0	24.0	16.0	13.0	14.0	14.0	9.5	11.0	14.0
TDS	170.0	140.0	200.0	160.0	196.0	214.0	172.0	216.0	150.0
Hardness	77.0	62.0	56.0	64.0	66.0	59.0	54.0	60.0	53.0

EN6-S (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	137.0 J	ND(5.31)	ND(7.6)						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	0.6 J	ND(0.327)	1.2 J						
Calcium	11,800.0	9,920.0	13,400.0						
Chromium	4.33 J	15.8	10.6						
Iron	111.0	ND(27.0)	71.6 J						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	5,330.0	4,620.0 J	6,580.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	1,610.0 J	1,710.0 J	1120.0 J						
Sodium	**26,400.0**	**26,900.0**	**27,500.0**						
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.40	ND(0.200)						
Bicarbonate	15.0	17.00	ND(2.000)						
Chloride	54.0	34.00	40.00						
Nitrate	5.62	5.35	4.95						
Sulfate	21.0	22.00	18.00						
Alkalinity	15.0	17.00	18.00						
TDS	180.0	140.00	150.00						
Hardness	51.4	43.81	60.58						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

EN6-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/23/97	9/11/97	4/29/98	9/29/98	4/13/99	9/1/99	4/26/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.8 J	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	**5.0**	**9.0**	**14.0**	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	2.0 J	2.0 J	2.1	1.4	2.8	1.8
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	7.0	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	4.6	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	**12.0**	**11.0**	**12.0**	**12.0**	**12.0**	**9.3**	**13.0**	**12.0**	**12.0**
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

EN6-M (continued)

Parameter / Sampling Date	4/25/01	9/20/01	4/9/02	9/11/02	4/15/03	10/9/03	6/2/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	1.2 J	ND(1.3)	ND(0.29)	ND(0.29)	0.9 J
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	2.4	2.4	2.1	2.5 J	2.3 J	ND(0.1)	ND(0.27)	2.4 J	1.4 J
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	**14.0**	**9.1**	**11.0**	**9.5**	**8.8**	2.5 J	**5.1**	**9.5**	4.4 J
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

EN6-M (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	1.3 J	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	**1.5 J**	0.9 J	1.1 J						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	4.9 J	2.4 J	4.2 J						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

EN6-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/23/97	9/10/97	4/29/98	9/29/98	4/13/99	9/1/99	4/26/00	9/5/00
Aluminum	77.7 B	147.0 B	ND(34.8)	283.0	ND(21.3)	ND(200.0)	25.9 B	ND(25.8)	74.7 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	ND(2.0)	3.7 B	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	118,000	132,000.0	116,000.0	113,000.0 E	118,000.0	111,000.0	120,000.0	124,000.0	93,600.0
Chromium	ND(1.0)	20. B	ND(1.0)	ND(8.3)	ND(8.2)	ND(5.0)	ND(1.0)	5.2 B	0.78 B
Iron	ND(27.0)	ND(34.0)	23.3 B	**736.0 B**	118.0	ND(50.0)	ND(21.0)	118.0	ND(15.9)
Lead	ND(3.0)	ND(1.6)	ND(1.6)	1.2 B	2.7 B	ND(4.0)	ND(3.0)	0.87 B	2.6 B
Magnesium	34,300.0	**39,900.0**	**35,100.0**	30,400.0 E	31,600.0 E	30,500.0	32,400.0	29,300.0	24,600.0
Mercury	ND(0.2)	ND(0.06)	0.04 B	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	3,780.0 B	6,900.0	2,890.0 B	3,080.0 B	3,560.0 B E	3,390.0	4,000.0 BE	4,740.0 B	4,000.0 B
Sodium	**66,100.0**	**81,100.0 E**	**83,200.0 E**	**72,000.0 E**	**78,700.0 E**	**76,100.0**	**66,700.0**	**78,600.0**	**74,100.0**
Leachate Indicators (mg/l)									
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	1.14	ND(0.2)	ND(0.2)
Bicarbonate		123.0	128.0	132.0	126.0	144.0	148.0	130.0	160.0
Chloride	248.0	250.0	250.0	**649.0**	217.0	222.0	198.0	180.0	190.0
Nitrate	2.77	2.46	ND(0.04)	1.80	2.00	2.04	1.01	2.90	3.00
Sulfate	105.0	89.0	51.0	105.0	132.0	177.0	204.0	57.0	130.0
Alkalinity	123.0	123.0	128.0	132.0	126.0	144.0	149.0	130.0	160.0
TDS	740.0	745.0	598.0	804.0	800.0	727.0	567.0	530.0	540.0
Hardness	150.0	494.39	434.0	406.0 E	426.0	398.0	225.0	430.0	340.0

EN6-M (continued)

Metals (ug/l) Sampling Date	4/25/01	9/20/01	4/9/02	9/11/02	5/15/03	10/9/03	6/2/04	10/26/04	4/12/05
Aluminum	11.3 B	ND(45.7)	ND(7.3)	ND(10.1)	ND(78.9)	18.0 J	46.8 J	ND(180.0)	56.1 J
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	ND(0.4)	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	0.20 J	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	94,300.0	77,400.0	92,500.0	80,600.0	79,300.0	58,500.0	78,900.0	73,000.0	70,900.0
Chromium	12.7	ND(5.0)	0.77 B	4.6 B	ND(1.0)	1.6 J	4.0 J	ND(1.220)	0.545 J
Iron	83.9 B	20.1 B	ND(17.3)	25.9 B	27.9 B	ND(5.2)	ND(0.91)	30.9 J	154.00
Lead	ND(2.5)	ND(3.0)	4.9	6.4	4.2	5.0	6.3	ND(1.790)	ND(2.180)
Magnesium	30,800.0	25,600.0	22,300.0	23,400.0	20,700.0	21,400.0	21,500.0	20,100.0	20,000.0
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0900 J
Potassium	4,430.0 B	3,800.0 B	4,150.0 B	4,470.0 B	4,040.0 B	2,800.0 J	4530 J	4,520.0 J	4530.0 J
Sodium	**83,000.0**	**72,300.0**	**67,400.0**	**71,600.0**	**61,800.0**	**40,600.0**	**57,100.0**	**54,100.0**	**60,600.0**
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.4	1.7	ND(0.2)	0.251
Bicarbonate	130.0	150.0	140.0	150.0	150.0	130.0	150.0	140.0	140.0
Chloride	140.0	120.0	160.0	100.0	130.0	74.0	120.0	120.0	110.0
Nitrate	2.40	3.60	3.30	2.80	3.50	4.50	5.1	5.2	5.86
Sulfate	100.0	150.0	14.0	86.0	150.0	120.0	180.0	120.0	120.0
Alkalinity	130.0	150.0	150.0	150.0	150.0	130.0	150.0	140.0	140.0
TDS	580.0	460.0	620.0	410.0	566.0	465.0	526.0	475.0	510.0
Hardness	360.0	300.0	320.0	300.0	280.0	234.0	286.0	265.0	259.0

EN6-M (continued)

Metals (ug/l) **Sampling Date**	9/8/05	8/2/06	11/14/06						
Aluminum	100.0 J	ND(5.31)	ND(7.6)						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	1.02 J	ND(0.327)	2.0 J						
Calcium	71,700.0	50,100.0	79,500.0						
Chromium	1.54 J	2.57 J	14.1						
Iron	ND(27.0)	ND(27.0)	ND(30.4)						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	19,800.0	17,500.0	26,300.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	4,480.0 J	3,210.0 J	3820.0 J						
Sodium	**58,000.0**	**46,300.0**	**65,200.0**						
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.35	ND(0.200)						
Bicarbonate	130.0	120.00	ND(2.000)						
Chloride	110.0	67.00	99.00						
Nitrate	6.28	9.07	6.75						
Sulfate	91.0	65.00	79.00						
Alkalinity	130.0	120.00	120.00						
TDS	500.0	370.00	460.00						
Hardness	260.5	197.23	306.94						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

EN7-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/13/99	9/1/99	4/25/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	**3.0**	ND(1.0)	**3.0 J**	**4.0 J**	ND(1.7)	1.1 J	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	2.1	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	0.8 J	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	0.5 J	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	1.0 J	1.0 J	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	**32.0**	**32.0**	**27.0**	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.5 J	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	**5.2**	**8.0**	**9.0**	**9.0**	**9.0**	**6.9**	3.5	**7.6**	**5.2**
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.7 J	ND(0.5)	ND(0.6)	ND(0.3)	**0.8**
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	14.0	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	4.6	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	**14.0**	**38.0**	**32.0**	**35.0**	**35.0**	**22.0**	**28.0**	**27.0**	**25.0**
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	1.1	1.1

EN7-M (continued)

Parameter / Sampling Date	4/25/01	9/20/01	9/19/01	9/11/02	4/16/03	10/9/03	6/2/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	2.3	ND(1.2)	**5.4**	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	1.7 J	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	2.0	2.0	2.3 J	2.4 J	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	**8.0**	**6.1**	**7.0**	**7.2**	**7.3**	**5.7**	**5.3**	**7.6**	**6.1**
Benzene	**0.9**	**0.9**	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	**33.0**	**23.0**	**21.0**	**24.0**	**21.0**	**11.0**	**14.0**	**19.0**	**13.0**
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	0.9 J	1.0 J
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	1.1	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	1.8 J	ND(0.30)	2.5 J	**3.6 J**

EN7-M (continued)

Parameter / Sampling Date	9/8/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	**3.8 J**	1.0 J	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	2.7 J	ND(0.28)	1.8 J						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	**5.8**	**5.7**	**7.8**						
Benzene	0.9 J	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	**10.0**	ND(0.74)	2.3 J						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	1.8 J	1.4 J	1.3 J						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	0.9 J	0.8 J	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	**3.4 J**	ND(0.65)						
1,4-Dichlorobenzene	**3.2 J**	2.9 J	2.7 J						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

EN7-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/13/99	9/1/99	4/25/00	9/5/00
Aluminum	67.9 b	166.0 B	ND(34.8)	ND(26.8)	32.6 B	ND(200.0)	33.0 B	40.2 B	90.4 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	ND(2.0)	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	0.61 B	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	80,800	88,100.0	89,300.0	87,500.0 E	87,600.0	80,300.0	86,600.0	86,900.0	75,400.0
Chromium	ND(1.0)	3.3 B	ND(1.0)	ND(8.3)	ND(8.2)	ND(5.0)	ND(1.0)	ND(1.3)	ND(0.7)
Iron	ND(27.0)	263.0	117.0	35.5 B	13.6 B	ND(50.0)	ND(21.0)	49.2 B	ND(15.9)
Lead	3.8	ND(1.6)	ND(1.6)	ND(1.1)	1.6 B	ND(4.0)	ND(3.0)	ND(0.6)	ND(2.0)
Magnesium	30,400.0	**36,300.0**	**36,800.0**	33,200.0 E	33,800.0 E	33,100.0	**35,600.0**	**36,400.0**	31,100.0
Mercury	ND(0.2)	ND(0.06)	0.11 B	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	4,540.0 B	7,260.0	3,130.0 B	3,280.0 B	3,880.0 B E	3,710.0	4,750.0 BE	5,590.0	5,330.0
Sodium	**110,000.0**	**135,000.0 E**	**168,000.0 E**	**150,000.0 E**	**164,000.0 E**	**192,000.0**	**183,000.0**	**252,000.0**	**247,000.0**
Leachate Indicators (mg/l)									
Ammonia	**2.52**	ND(0.25)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	ND(0:10)	ND(0.2)	ND(0.2)
Bicarbonate		84.9	86.7	99.0	109.0	140.0	150.0	180.0	200.0
Chloride	239.0	**254.0**	**253.0**	**264.0**	**253.0**	**273.0**	**278.0**	**290.0**	**270.0**
Nitrate	5.0	5.15	2.88	2.70	2.40	1.89	0.603	1.000	0.700
Sulfate	236.0	229.0	97.9	225.0	221.0	245.0	**351.0**	210.0	200.0
Alkalinity	62.0	84.9	86.7	99.0	109.0	140.0	151.0	180.0	200.0
TDS	856.0	1,020.0	6,990.0	860.0	956.0	953.0	729.0	740.0	750.0
Hardness	111.0	369.03	374.0	355.0 E	358.0	334.0	226.0	670.0	320.0

EN7-M (continued)

Metals (ug/l) **Sampling Date**	4/25/01	9/20/01	4/9/02	9/11/02	5/16/03	10/9/03	6/2/04	10/26/04	4/12/05
Aluminum	87.0 B	ND(45.7)	ND(7.3)	ND(10.1)	ND(78.9)	29.8 J	55.0 J	ND(180.0)	9.620 J
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	0.46 B	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	89,900.0	86,200.0	82,800.0	79,900.0	83,700.0	90,500.0	91,700.0	84,500.0	93,500.0
Chromium	7.2 B	ND(5.0)	ND(0.6)	1.6 B	ND(1.0)	0.75 J	2.5 J	ND(1.220)	ND(0.343)
Iron	103.0	ND(7.0)	ND(17.3)	ND(16.8)	ND(2.2)	ND(5.2)	ND(0.91)	ND(29.0)	ND(27.0)
Lead	ND(2.5)	ND(3.0)	3.3	7.5	3.0	4.7	6.2	ND(1.790)	ND(2.180)
Magnesium	**38,000.0**	**36,000.0**	34,300.0	34,400.0	37,000.0	39,200.0	**40,200.0**	**36,100.0**	**40,600.0**
Mercury	ND(0.2)	0.32	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0900 J
Potassium	5,940.0	4,900.0 B	5,000.0	5,240.0	4,490.0 B	5,280.0	5,040.0	5,550.0	5,140.0
Sodium	**287,000.0**	**252,000.0**	**227,000.0**	**270,000.0**	**234,000.0**	**239,000.0**	**252,000.0**	**231,000.0**	**288,000.0**
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	ND(0.2)	ND(0.2)	ND(0.2)
Bicarbonate	190.0	220.0	240.0	280.0	300.0	290.0	330.0	340.0	410.0
Chloride	**270.0**	**260.0**	**270.0**	**260.0**	**280.0**	**270.0**	**270.0**	**270.0**	**280.0**
Nitrate	ND(0.5)	0.990	ND(0.5)	0.70	0.60	ND(0.5)	0.6	0.6	ND(0.50)
Sulfate	160.0	230.0	200.0	36.0	280.0	**320.0**	**350.0**	180.0	190.0
Alkalinity	190.0	220.0	240.0	280.0	300.0	290.0	330.0	340.0	410.0
TDS	930.0	780.0	950.0	790.0	1,050.0	1,077.0	1,106.0	1,049.0	1,100.0
Hardness	380.0	360.0	350.0	340.0	360.0	387.0	395.0	360.0	401.0

EN7-M (continued)

Metals (ug/l) Sampling Date	9/8/05	8/2/06	11/14/06						
Aluminum	109.0 J	ND(5.31)	12.5 J						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	0.41 J	ND(0.327)	0.98 J						
Calcium	95,600.0	90,200.0	127,000.0						
Chromium	ND(0.343)	**98.8**	12.7						
Iron	40.9 J	**352.0**	102.0						
Lead	2.610 J	ND(2.18)	ND(1.6)						
Magnesium	**40,900.0**	**39,300.0**	**57,900.0**						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	6,040.0	5,170.0	5000.0 J						
Sodium	**301,000.0**	**266,000.0**	**300,000.0**						
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.20)	ND(0.200)						
Bicarbonate	430.0	480.00	ND(2.000)						
Chloride	**280.0**	**280.00**	**270.00**						
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)						
Sulfate	160.0	130.00	110.00						
Alkalinity	430.0	480.00	510.00						
TDS	1,100.0	1,100.00	1,100.00						
Hardness	407.2	387.02	555.41						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

EN9-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/13/99	9/1/99	4/25/00	9/5/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	4.0	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.6)	ND(0.3)	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

EN9-M (continued)

Parameter / Sampling Date	4/25/01	9/20/01	4/8/02	9/10/02	4/16/03	10/9/03	6/2/04	10/26/04	4/12/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

EN9-M (continued)

Parameter / Sampling Date	9/7/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

EN9-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/13/99	9/1/99	4/25/00	9/5/00
Aluminum	37.8 b	227.0	ND(34.8)	ND(26.8)	ND(21.3)	ND(200.0)	35.8 B	31.2 B	77.8 B
Arsenic	ND(9.0)	ND(4.5)	ND(2.7)	ND(2.0)	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	0.61 B	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	26,600	24,900.0	19,800.0	17,400.0 E	23,900.0 E	26,800.0	28,200.0	19,300.0	24,100.0
Chromium	ND(1.0)	3.6 B	ND(1.0)	ND(8.3)	17.0	ND(5.0)	ND(1.0)	1.3 B	ND(0.7)
Iron	ND(27.0)	109.0	ND(22.4)	27.1 B	129.0	ND(50.0)	ND(21.0)	ND(30.9)	ND(15.9)
Lead	ND(3.0)	2.1 B	ND(1.6)	ND(1.1)	ND(1.5)	ND(4.0)	ND(3.0)	ND(0.6)	ND(2.0)
Magnesium	12,500.0	12,000.0	9,600.0	8,180.0 E	10,700.0 E	12,100.0	12,600.0	8,640.0	10,700.0
Mercury	ND(0.2)	ND(0.06)	ND(0.04)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	1,920.0 B	3,290.0 BE	1,260.0 B	1,350.0 B	1,930.0 B E	2,010.0	2,100.0 BE	1,360.0 B	2,000.0 B
Sodium	**23,100.0**	**23,400.0**	16,200.0 E	**20,100.0 E**	**27,500.0 E**	**33,000.0**	**36,700.0**	16,700.0	**33,200.0**
Leachate Indicators (mg/l)									
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	1.43	ND(0.2)	ND(0.2)
Bicarbonate		29.9	29.6	35.2	36.2	32.5	4.0	30.0	58.0
Chloride	727.0	65.8	50.8	112.0	83.8	110.0	108.0	58.0	97.0
Nitrate	1.42	0.96	0.71	0.90	0.91	0.89	0.42	0.89	0.86
Sulfate	186.0	14.2	16.4	14.0	16.6	15.6	24.4	17.0	19.0
Alkalinity	28.0	29.9	29.6	35.2	36.2	32.5	4.2	30.0	58.0
TDS	203.0	95.0	140.0	238.0	256.0	225.0	209.0	140.0	210.0
Hardness	39.0	111.34	88.8	77.1 E	103.0	116.0	63.0	84.0	100.0

EN9-M (continued)

Metals (ug/l) **Sampling Date**	4/25/01	9/20/01	4/8/02	9/10/02	4/16/03	10/9/03	6/2/04	10/26/04	4/12/05
Aluminum	83.9 B	ND(45.7)	25.4 B	ND(10.1)	ND(78.9)	13.2 J	43.1 J	ND(180.0)	20.4 J
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	0.46 B	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	30,400.0	20,900.0	19,800.0	15,500.0	14,600.0	25,300.0	21,500.0	20,400.0	22,500.0
Chromium	2.1 B	ND(5.0)	ND(0.6)	2.6 B	ND(1.0)	2.2 J	12.0	ND(1.220)	ND(0.343)
Iron	135.0	ND(7.0)	ND(17.3)	29.0 B	34.7 B	36.9 J	16.9 J	51.3 J	37.1 J
Lead	4.7	ND(3.0)	3.5	9.8	ND(3.0)	6.8	5.1	ND(1.790)	ND(2.180)
Magnesium	13,800.0	9,420.0	8,820.0	7,040.0	7,100.0	11,700.0	9,960.0	9,220.0	10,500.0
Mercury	ND(0.2)	0.27	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0700 J
Potassium	2,450.0	1,700.0 B	1,500.0 B	1,350.0 B	1,330.0 B	2,100.0 J	1800.0 J	1,800.0 J	2140 J
Sodium	**44,500.0**	**30,100.0**	**26,900.0**	19,400.0	15,200.0	**33,400.0**	**25,800.0**	**27,700.0**	**39,200.0**
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	0.5	ND(0.2)	ND(0.2)
Bicarbonate	30.0	45.0	36.0	32.0	34.0	24.0	31.0	30.0	33.0
Chloride	120.0	80.0	94.0	47.0	39.0	110.0	79.0	81.0	100.0
Nitrate	0.93	1.00	0.90	1.20	0.50	1.10	0.8	0.78	0.86
Sulfate	14.0	17.0	16.0	17.0	19.0	16.0	19.0	19.0	180.0
Alkalinity	30.0	45.0	36.0	32.0	34.0	24.0	31.0	30.0	33.0
TDS	280.0	190.0	240.0	150.0	165.0	360.0	273.0	74.0	310.0
Hardness	130.0	91.0	86.0	68.0	66.0	111.0	95.0	89.0	99.0

EN9-M (continued)

Metals (ug/l) **Sampling Date**	9/7/05	8/2/06	11/14/06						
Aluminum	94.1 J	ND(5.31)	ND(7.6)						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	ND(0.327)	ND(0.327)	1.2 J						
Calcium	23,400.0	21,000.0	24,600.0						
Chromium	0.86 J	9.89 J	11.6						
Iron	ND(27.0)	ND(27.0)	ND(30.4)						
Lead	ND(2.18)	ND(2.18)	ND(1.6)						
Magnesium	10,300.0	10,200.0	12,800.0						
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)						
Potassium	2,030.0 J	1,480.0 J	956.0 J						
Sodium	**31,400.0**	**28,600.0**	**29,700.0**						
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.49	ND(0.200)						
Bicarbonate	36.0	38.00	ND(2.000)						
Chloride	98.0	68.00	66.00						
Nitrate	0.78	ND(0.50)	ND(0.50)						
Sulfate	19.0	19.00	21.00						
Alkalinity	36.0	38.00	36.00						
TDS	260.0	230.00	240.00						
Hardness	100.9	94.39	114.03						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

EN10-M

Historical Analysis of Volatile Organic Compounds

East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	11/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	4.0	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	3.0	4.0	4.0 J	3.0 J	ND(1.4)	1.1	ND(0.2)	2.0
* 1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	1.0 J	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	4.0	5.0	5.0 J	5.0	3.0	1.9	4.1	**5.3**
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	1.0 J	ND(0.6)	ND(0.3)	ND(0.4)	0.4
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(5.0)	0.5 J	ND(0.7)	ND(0.6)	ND(0.3)	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

EN10-M (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/9/03	6/3/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	0.7	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	1.9	ND(0.2)	ND(1.0)	1.5 J	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
* 1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	0.8	ND(0.3)	ND(0.8)	1.5 J	ND(1.5)	ND(0.30)	1.0 J	0.6 J
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	4.7	ND(0.3)	4.8	3.2 J	2.6 J	2.6 J	ND(0.34)	2.7 J	1.3 J
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	0.6	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

EN10-M (continued)

Parameter / Sampling Date	9/7/05	8/2/06	11/14/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
* 1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

EN10-M
Historical Analysis of Metals and Leachate Indicators
East Northport Landfill, East Northport, NY

Metals (ug/l) **Sampling Date**	11/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Aluminum	232.0	163.0 B	ND(34.8)	ND(26.8)	ND(21.3)	ND(200.0)	30.1 B	ND(25.8)	104.0 B
Arsenic	ND(8.0)	ND(4.5)	ND(2.7)	ND(2.0)	ND(1.5)	ND(4.0)	ND(6.0)	ND(3.0)	ND(3.8)
Cadmium	ND(1.0)	ND(0.50)	ND(0.50)	ND(5.2)	ND(4.7)	ND(5.0)	ND(1.0)	ND(0.5)	ND(0.4)
Calcium	29,800.0	27,100.0	25,100.0	21,100.0 E	23,400.0	20,500.0	22,400.0	21,800.0	20,600.0
Chromium	1.1 b	4.0 B	2.8 B	ND(8.3)	12.8	6.0	24.2	6.0 B	2.6 B
Iron	310.0	249.0	ND(22.4)	25.0 B	11.8 B	114.0	**319.0**	ND(30.9)	ND(15.9)
Lead	ND(2.0)	ND(1.6)	ND(1.6)	ND(1.1)	ND(1.5)	ND(4.0)	ND(3.0)	ND(0.6)	ND(2.0)
Magnesium	9,620.0	10,400.0	9,640.0	8,720.0 E	8,670.0 E	7,840.0	8,490.0	8,090.0	7,650.0
Mercury	ND(0.2)	ND(0.06)	0.04 B	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.1)	ND(0.1)
Potassium	1,570.0 b	2,440.0 BE	1,100.0 B	1,440.0 B	1,640.0 B E	1,300.0	1,190.0 BE	1,100.0 B	1,330.0 B
Sodium	14,400.0	14,700.0	13,800.0 E	17,400.0 E	15,400.0 E	12,800.0	14,500.0	10,500.0	13,500.0
Leachate Indicators (mg/l)									
Ammonia	1.12	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	1.43	ND(0.2)	ND(0.2)
Bicarbonate		19.6	18.3	19.8	21.3	20.5	16.0	22.0	35.0
Chloride	21.3	19.6	21.7	23.5	22.2	23.0	23.0	21.0	23.0
Nitrate	**10.1**	8.40	7.50	7.80	8.20	8.44	3.50	8.10	8.30
Sulfate	44.0	55.5	19.9	40.0	44.3	39.2	56.1	40.0	46.0
Alkalinity	27.0	19.6	18.3	19.8	21.3	20.5	17.0	22.0	35.0
TDS	167.0	184.0	143.0	138.0	28.0	168.0	133.0	140.0	130.0
Hardness	110.0	110.28	102.0	88.6 E	94.1	82.7	25.5	88.0	83.0

EN10-M (continued)

Metals (ug/l) Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/9/03	6/3/04	10/26/04	4/13/05
Aluminum	64.3 B	ND(45.7)	ND(7.3)	ND(10.1)	ND(78.9)	9.0 J	46.8 J	305.0	1,910.00
Arsenic	ND(2.5)	ND(5.0)	ND(2.8)	ND(3.6)	ND(11.9)	ND(2.2)	ND(5.5)	ND(4.840)	ND(3.320)
Cadmium	ND(0.4)	ND(3.0)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.12)	ND(0.57)	ND(0.994)	ND(0.327)
Calcium	22,200.0	21,500.0	19,900.0	20,100.0	21,000.0	20,900.0	20,200.0	14,000.0	16,100.0
Chromium	2.6 B	ND(5.0)	3.8 B	6.8 B	3.1 B	36.4	9.6 J	1.960 J	4.910 J
Iron	109.0	16.4 B	ND(17.3)	24.4 B	38.8 B	118.0	30.1 J	**481.0**	**1,640.0**
Lead	ND(2.5)	ND(3.0)	3.8	9.8	ND(3.0)	4.2	4.6 J	11.3	**33.80**
Magnesium	8,460.0	8,120.0	7,420.0	7,560.0	8,450.0	7,830.0	7,560.0	4,530.0 J	6,080.00
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.20)	ND(0.20)	ND(0.0300)	0.0700 J
Potassium	1,280.0 B	1,110.0 B	1,120.0 B	1,260.0 B	1,390.0 B	1,190.0 J	1230.0 J	3,600.0	3300 J
Sodium	14,000.0	13,500.0	13,500.0	14,400.0	15,400.0	11,700.0	12,600.0	7,340.0	11,100.0
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	0.4	ND(.2)	ND(0.2)
Bicarbonate	19.0	28.0	29.0	18.0	20.0	20.0	16.0	23.0	23.0
Chloride	23.0	25.0	34.0	26.0	26.0	27.0	26.0	10.0	20.0
Nitrate	7.00	8.20	8.10	9.80	7.50	8.20	8.2	2.5	6.33
Sulfate	38.0	40.0	43.0	36.0	190.0	75.0	42.0	15.0	32.0
Alkalinity	19.0	28.0	29.0	18.0	20.0	20.0	16.0	23.0	23.0
TDS	90.0	130.0	160.0	140.0	196.0	206.0	205.0	34.0	190.0
Hardness	90.0	87.0	80.0	81.0	87.0	84.0	82.0	54.0	65.0

EN10-M (continued)

Metals (ug/l) Sampling Date	9/7/05	8/2/06	11/14/06						
Aluminum	1,580.0	10,900.0	321.0						
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)						
Cadmium	ND(0.327)	ND(0.327)	ND(0.52)						
Calcium	8,450.0	5,340.0	1460.0 J						
Chromium	8.460 J	34.6	8.7 J						
Iron	**1,170.0**	**10,800.0**	**437.0**						
Lead	**69.8**	**285.0**	16.2						
Magnesium	2,660.0 J	2,150.0 J	582.0 J						
Mercury	ND(0.03)	0.11 J	ND(0.1800)						
Potassium	2,880.0 J	2,320.0 J	1,250.0 J						
Sodium	5,020.0	3,480.0 J	ND(215.0)						
Leachate Indicators (mg/l)									
Ammonia	0.45	ND(0.20)	0.45						
Bicarbonate	21.0	12.00	ND(2.000)						
Chloride	9.2	4.57	2.86						
Nitrate	0.83	ND(0.50)	ND(0.50)						
Sulfate	14.0	4.02	ND(1.000)						
Alkalinity	21.0	12.00	9.44						
TDS	90.0	38.00	21.00						
Hardness	32.0	22.18	6.04						

Note:

ND( ): Compound not detected at method detection limit

B: Reported value less than contract required detection limit but greater than or equal to instrument detection limit

E: Reported value is estimated because of the presence of interference

b: Found in field blank

J: Indicates an estimated value; compound is present at a concentration less than specified detection limit

SW-1
Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY
Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	**6.0**	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	1.2	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	4.0	3.0 J	3.0	1.8	3.7	3.3	2.9
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-1 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	3.9	3.7	3.1	3.2 J	2.0 J	1.7 J	ND(0.30)	3.4 J	2.1 J
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-1 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	2.1 J	ND(0.74)	1.7 J						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-1
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	ND(1.0)	ND(0.05)	0.14	ND(0.2)	0.13	ND(0.20)	ND(0.20)	ND(0.2)	0.28
Bicarbonate		25.2	28.2	24.2	29.8	27.5	27.5	32.0	38.0
Chloride	49.6	38.2	35.1	30.3	30.0	38.5	33.7	40.0	40.0
Nitrate	1.7	1.99	1.48	1.70	1.50	1.92	0.789	1.6	1.5
Sulfate	21.8	16.0	18.5	17.0	19.9	20.3	27.1	20.0	21.0
Alkalinity	25	25.2	28.2	24.2	29.8	27.5	34.0	32.0	38.0
TDS	145	588.0	110.0	172.0	94.0	137.0	111.0	110.0	120.0
Hardness	23	63.07	61.6	64.8 E	56.5	55.9	51.0	57.0	60.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.6	0.7	ND(0.20)	ND(0.20)
Bicarbonate	24.0	29.0	22.0	28.0	26.0	36.0	26.0	29.0	29.0
Chloride	47.0	44.0	56.0	45.0	58.0	53.0	55.0	52.0	65.0
Nitrate	ND(0.5)	1.6	2.0	1.20	3.30	2.50	2.2	2.44	2.31
Sulfate	21.0	22.0	21.0	20.0	22.0	24.0	4.3	23.0	23.0
Alkalinity	24.0	29.0	22.0	28.0	26.0	36.0	26.0	29.0	29.0
TDS	140.0	120.0	200.0	140.0	175.0	174.0	198.0	157.0	180.0
Hardness	75.0	37.0	57.0	60.0	61.0	67.0	70.0	61.0	81.0

SW-1 (continued)

Leachate Indicators / Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	0.23	ND(0.20)	0.2						
Bicarbonate	34.0	33.0	34.0						
Chloride	53.0	51.0	49.0						
Nitrate	2.36	2.12	2.73						
Sulfate	22.0	23.0	20.0						
Alkalinity	34.0	33.0	34.0						
TDS	150.0	160.0	190.0						
Hardness	67.2	56.2	75.8						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

SW-2
Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY
Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	**6.0**	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	0.8 J	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	3.0	3.0 J	4.0 J	3.2	1.8	4.2	3.0
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-2 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	4.8	**6.9**	4.2	4.7 J	2.6 J	1.7 J	ND(0.30)	4.5 J	1.8 J
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	0.7 J	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-2 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	2.0 J	0.9 J	2.3 J						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-2
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	1.4	ND(0.05)	0.13	ND(0.2)	0.15	ND(0.20)	ND(0.20)	0.23	ND(0.2)
Bicarbonate		41.1	44.5	41.8	49.0	44.0	44.0	23.0	50.0
Chloride	47.9	48.5	15.1	41.1	42.4	62.6	40.8	44.0	46.0
Nitrate	1.26	1.84	1.12	1.40	1.20	1.67	0.279	1.2	1.2
Sulfate	30	25.0	25.5	31.5	30.8	27.8	28.0	22.0	30.0
Alkalinity	37	41.1	44.5	41.8	49.0	44.0	43.0	23.0	50.0
TDS	174	145.0	128.0	140.0	156.0	207.0	129.0	130.0	150.0
Hardness	30	92.02	92.8	82.6 E	99.0	93.7	64.0	70.0	89.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	0.3	ND(0.20)	ND(0.20)
Bicarbonate	40.0	49.0	52.0	45.0	44.0	54.0	47.0	52.0	ND(2.00)
Chloride	71.0	56.0	69.0	50.0	80.0	63.0	68.0	61.0	83.0
Nitrate	1.1	1.4	1.8	1.50	1.10	1.70	0.9	1.4	1.47
Sulfate	38.0	37.0	39.0	34.0	30.0	9.8	38.0	39.0	40.0
Alkalinity	40.0	49.0	52.0	45.0	44.0	54.0	47.0	52.0	ND(2.00)
TDS	170.0	180.0	250.0	160.0	246.0	231.0	253.0	168.0	250.0
Hardness	110.0	61.0	110.0	110.0	83.0	107.0	102.0	94.0	121.0

SW-2 (continued)

Leachate Indicators Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	ND(0.20)	0.221	0.2						
Bicarbonate	64.0	62.0	61.0						
Chloride	74.0	71.0	69.0						
Nitrate	2.09	0.771	1.73						
Sulfate	44.0	37.0	37.0						
Alkalinity	64.0	62.0	61.0						
TDS	240.0	240.0	190.0						
Hardness	116.3	97.9	105.2						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

SW-3
Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY
Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	**6.0**	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.7 J	ND(0.5)	ND(0.5)	ND(0.3)	0.5
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	1.0 J	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	3.0	**6.0**	3.0	2.4	3.6	4.5	3.3
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-3 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	0.5	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	4.7	3.4	4.6	4.1 J	4.2 J	1.7 J	ND(0.30)	2.6 J	2.8 J
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-3 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	0.6 J	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	2.1 J	ND(0.74)	2.2 J						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

***1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene**

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-3
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	0.1	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Bicarbonate		21.0	15.3	17.6	21.3	20.5	20.5	21.0	25.0
Chloride	21.3	20.5	21.1	21.6	25.0	32.4	24.8	35.0	30.0
Nitrate	4.01	3.25	5.25	2.90	3.20	3.34	1.37	3.1	3.4
Sulfate	18.2	16.0	17.4	16.0	18.7	18.6	24.4	20.0	21.0
Alkalinity	17	21.0	15.3	17.6	21.3	20.5	19.0	21.0	25.0
TDS	102	117.0	90.0	106.0	152.0	113.0	89.0	100.0	100.0
Hardness	19	58.82	57.6	64.5 E	59.7	58.2	28.0	43.0	58.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/03	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	1.8	ND(0.20)	ND(0.20)
Bicarbonate	20.0	23.0	23.0	23.0	24.0	21.0	18.0	21.0	23.0
Chloride	35.0	31.0	42.0	32.0	57.0	32.0	33.0	32.0	45.0
Nitrate	3.0	3.1	3.8	3.00	ND(0.5)	3.90	3.8	3.9	3.85
Sulfate	20.0	21.0	21.0	20.0	20.0	20.0	22.0	22.0	23.0
Alkalinity	20.0	23.0	23.0	22.0	24.0	21.0	18.0	21.0	23.0
TDS	150.0	100.0	170.0	110.0	188.0	123.0	166.0	108.0	180.0
Hardness	66.0	34.0	53.0	58.0	67.0	63.0	60.0	56.0	78.0

SW-3 (continued)

Leachate Indicators Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	ND(0.20)	0.22	0.2						
Bicarbonate	25.0	26.0	26.0						
Chloride	35.0	37.0	38.0						
Nitrate	4.14	ND(0.50)	3.8						
Sulfate	19.0	20.0	20.0						
Alkalinity	25.0	26.0	26.0						
TDS	110.0	170.0	170.0						
Hardness	59.7	54.5	72.6						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

SW-4
Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY
Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	6.0	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	3.0	4.0	3.0 J	2.0 J	1.7	3.2	3.9	2.6
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-4 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	4.1	3.4	2.5	2.6 J	1.8 J	1.4 J	ND(0.30)	3.3 J	1.9 J
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-4 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	1.7 J	1.1 J	1.4 J						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

*1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-4
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	ND(1.0)	ND(0.05)	0.11	ND(0.2)	0.2	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Bicarbonate		34.4	30.2	28.6	25.6	27.5	27.5	32.0	31.0
Chloride	35.4	42.4	34.7	30.3	31.8	39.2	38.9	39.0	40.0
Nitrate	3.73	1.79	3.80	1.60	1.80	1.88	0.652	1.6	1.4
Sulfate	19.1	15.1	18.5	16.0	23.5	18.2	27.1	18.0	22.0
Alkalinity	18	34.4	30.2	28.6	25.6	27.5	27.0	32.0	31.0
TDS	131	141.0	113.0	74.0	110.0	133.0	109.0	110.0	120.0
Hardness	18	65.67	62.5	42.5 E	62.9	57.1	40.5	56.0	67.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.6	0.9	ND(0.20)	ND(0.20)
Bicarbonate	28.0	31.0	34.0	32.0	32.0	30.0	29.0	31.0	34.0
Chloride	47.0	46.0	62.0	47.0	66.0	56.0	65.0	54.0	110.0
Nitrate	1.6	1.7	2.1	1.10	2.10	2.50	2.3	2.51	2.31
Sulfate	19.0	22.0	22.0	21.0	21.0	24.0	26.0	23.0	23.0
Alkalinity	28.0	31.0	34.0	32.0	32.0	30.0	29.0	31.0	34.0
TDS	100.0	130.0	190.0	150.0	186.0	166.0	212.0	262.0	290.0
Hardness	77.0	38.0	60.0	61.0	63.0	64.0	65.0	64.0	77.0

SW-4 (continued)

Leachate Indicators / Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	0.29	ND(0.20)	0.2						
Bicarbonate	39.0	32.0	34.0						
Chloride	61.0	53.0	51.0						
Nitrate	2.12	2.16	2.7						
Sulfate	20.0	26.0	22.0						
Alkalinity	39.0	32.0	34.0						
TDS	210.0	180.0	260.0						
Hardness	75.5	49.9	74.2						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

SW-5

Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	5.0	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	2.0 J	1.0 J	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	0.7 J	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	**5.7**	ND(3.0)	ND(3.0)	3.0 J	2.0 J	1.0	2.5	2.7	1.6
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-5 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	0.6 J
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	0.4 J
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	3.0	ND(0.3)	1.7	2.6 J	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	1.3 J
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-5 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

*1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-5
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Bicarbonate		44.7	36.4	37.4	40.5	40.0	40.0	49.0	45.0
Chloride	105	**3,500.0**	88.9	95.1	75.2	77.5	81.5	86.0	86.0
Nitrate	4.59	1.86	3.26	ND(0.2)	3.50	3.92	1.43	3.4	3.5
Sulfate	41.8	**482.0**	38.9	32.5	30.8	29.0	65.3	37.0	32.0
Alkalinity	38	44.7	36.4	37.4	40.5	40.0	43.0	49.0	45.0
TDS	319	71.0	228.0	278.0	254.0	205.0	202.0	220.0	230.0
Hardness	46	1,186.07	131.0	112.0 E	125.0	114.0	65.0	130.0	130.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.3	ND(0.2)	ND(0.20)	ND(0.20)
Bicarbonate	52.0	39.0	58.0	56.0	51.0	46.0	50.0	44.0	74.0
Chloride	92.0	97.0	89.0	90.0	81.0	94.0	90.0	94.0	110.0
Nitrate	2.9	4.0	3.1	2.20	3.10	3.60	3.6	3.75	2.52
Sulfate	47.0	29.0	42.0	37.0	36.0	32.0	41.0	31.0	47.0
Alkalinity	52.0	39.0	58.0	56.0	50.0	46.0	50.0	44.0	74.0
TDS	200.0	240.0	320.0	240.0	271.0	300.0	343.0	373.0	330.0
Hardness	150.0	74.0	120.0	140.0	100.0	90.0	130.0	97.0	160.0

SW-5 (continued)

Leachate Indicators Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	ND(0.20)	0.223	0.2						
Bicarbonate	59.0	41.0	50.0						
Chloride	120.0	64.0	64.0						
Nitrate	3.57	1.87	2.09						
Sulfate	34.0	32.0	26.0						
Alkalinity	59.0	41.0	50.0						
TDS	320.0	220.0	240.0						
Hardness	132.9	72.9	106.6						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

SW-6
Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY
Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	5.0	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	1.0 J	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(0.7)	ND(0.6)	ND(0.3)	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-6 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-6 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

*1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-6
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	ND(1.0)	ND(0.05)	ND(0.05)	ND(0.2)	ND(0.1)	ND(0.20)	ND(0.20)	0.22	ND(0.2)
Bicarbonate		35.6	45.5	39.6	55.4	41.0	41.0	33.0	47.0
Chloride	144	94.7	42.2	38.9	38.6	98.1	23.0	77.0	29.0
Nitrate	ND(1.0)	1.07	0.31	ND(0.2)	0.49	1.05	ND(0.05)	ND(0.5)	ND(0.5)
Sulfate	14.6	16.9	14.8	14.5	18.7	18.6	15.4	9.2	13.0
Alkalinity	45	35.6	45.5	39.6	55.4	41.0	29.0	33.0	47.0
TDS	363	239.0	130.0	104.0	162.0	252.0	75.0	150.0	100.0
Hardness	40	71.02	65.3	65.8 E	76.1	65.7	44.0	49.0	57.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.4	ND(0.2)	ND(0.20)	ND(0.20)
Bicarbonate	39.0	44.0	37.0	13.0	34.0	44.0	42.0	48.0	42.0
Chloride	150.0	44.0	65.0	14.0	520.0	82.0	100.0	67.0	190.0
Nitrate	ND(0.5)	1.6	ND(0.5)	ND(0.5)	ND(0.5)	0.80	ND(0.5)	0.974	0.844
Sulfate	19.0	16.0	16.0	25.0	26.0	11.0	17.0	17.0	22.0
Alkalinity	39.0	44.0	37.0	13.0	34.0	44.0	42.0	48.0	42.0
TDS	220.0	130.0	180.0	64.0	903.0	401.0	280.0	350.0	410.0
Hardness	85.0	34.0	50.0	33.0	76.0	63.0	59.0	61.0	80.0

SW-6 (continued)

Leachate Indicators / Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	ND(0.20)	0.219	0.5						
Bicarbonate	45.0	58.0	55.0						
Chloride	60.0	94.0	74.0						
Nitrate	ND(0.500)	ND(0.50)	1.18						
Sulfate	24.0	23.0	18.0						
Alkalinity	45.0	58.0	55.0						
TDS	190.0	13,000.0	230.0						
Hardness	80.6	63.0	83.5						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

SW-7

Historical Analysis of Volatile Organic Compounds
East Northport Landfill, East Northport, NY

Reported in Micrograms per Liter

Parameter / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Chloromethane	ND(10.0)	ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(4.6)	ND(2.3)	ND(1.1)	ND(1.1)
Bromomethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(3.8)	ND(1.8)	ND(0.6)	ND(0.6)
Vinyl Chloride	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.7)	ND(2.0)	ND(1.0)	ND(1.0)
Chloroethane	ND(10.0)	ND(1.0)	ND(1.0)	ND(10.0)	ND(10.0)	ND(1.8)	ND(1.6)	ND(0.7)	ND(0.7)
Methylene Chloride	ND(5.0)	4.0	ND(3.0)	ND(5.0)	ND(5.0)	ND(2.7)	ND(0.6)	ND(0.4)	ND(0.4)
Trichloroflouromethane		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(1.5)	ND(0.4)	ND(0.4)
1,1-Dichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.2)	ND(0.4)	ND(0.4)
1,1-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.4)	ND(0.7)	ND(0.2)	ND(0.2)
*1,2-Dichloroethene, Total		ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.7)	ND(1.0)	ND(0.4)	ND(0.4)
Chloroform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.6)	ND(0.4)	ND(0.3)	ND(0.3)
1,2-Dichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(1.9)	ND(0.5)	ND(0.3)	ND(0.3)
1,1,1-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.5)	ND(0.3)	ND(0.3)
Carbon Tetrachloride	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.4)	ND(0.3)	ND(0.3)
Bromodichloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.6)	ND(0.3)	ND(0.3)
1,2-Dichloropropane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.8)	ND(0.4)	ND(0.4)
cis-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)
Trichloroethene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.3)	ND(0.4)	ND(0.4)
Benzene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.6)	ND(0.3)	ND(0.3)
Dibromochloromethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.3)	ND(0.3)
trans-1,3-Dichloropropene	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
1,1,2-Trichloroethane	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(0.9)	ND(0.3)	ND(0.3)
2-Chloroethylvinyl Ether		ND(4.0)	ND(4.0)	ND(10.0)	ND(10.0)	ND(0.6)	ND(1.5)	ND(1.1)	ND(1.1)
Bromoform	ND(5.0)	ND(1.0)	ND(1.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.7)	ND(0.3)	ND(0.3)
1,1,2,2-Tetrachloroethane	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.5)	ND(1.0)	ND(0.3)	ND(0.3)
Tetrachloroethene	ND(5.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(3.0)	ND(0.7)	ND(0.6)	ND(0.3)	ND(0.3)
Toluene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.8)	ND(0.5)	ND(0.3)	ND(0.3)
Chlorobenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.6)	ND(0.5)	ND(0.2)	ND(0.2)
Ethylbenzene	ND(5.0)	ND(2.0)	ND(2.0)	ND(5.0)	ND(5.0)	ND(0.7)	ND(0.5)	ND(0.4)	ND(0.4)
1,2-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(1.5)	ND(0.2)	ND(0.2)	ND(0.2)
1,3-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.7)	ND(0.4)	ND(0.4)	ND(0.4)
1,4-Dichlorobenzene		ND(2.0)	ND(2.0)	ND(10.0)	ND(10.0)	ND(0.5)	ND(0.3)	ND(0.3)	ND(0.3)

SW-7 (continued)

Parameter / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Chloromethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(1.4)	ND(1.4)	ND(2.2)	ND(0.49)	ND(0.49)	ND(0.45)
Bromomethane	ND(0.6)	ND(0.6)	ND(0.6)	ND(1.7)	ND(1.7)	ND(2.9)	ND(0.61)	ND(0.61)	ND(1.3)
Vinyl Chloride	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.28)	ND(0.28)	ND(0.62)
Chloroethane	ND(0.7)	ND(0.7)	ND(0.7)	ND(1.8)	ND(1.8)	ND(2.0)	ND(0.62)	ND(0.62)	ND(1.1)
Methylene Chloride	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(1.2)	ND(1.4)	ND(1.4)	ND(0.98)
Trichloroflouromethane	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.3)	ND(1.3)	ND(1.5)	ND(0.80)	ND(0.80)	ND(0.58)
1,1-Dichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.28)	ND(0.28)	ND(0.28)
1,1-Dichloroethane	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.29)	ND(0.29)	ND(0.33)
*1,2-Dichloroethene, Total	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.0)	ND(1.0)	ND(1.3)	ND(0.32)	ND(0.32)	ND(0.40)
Chloroform	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.5)	ND(0.30)	ND(0.30)	ND(0.18)
1,2-Dichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.2)	ND(0.19)	ND(0.19)	ND(0.28)
1,1,1-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(0.5)	ND(0.34)	ND(0.34)	ND(0.17)
Carbon Tetrachloride	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.5)	ND(0.5)	ND(0.1)	ND(0.18)	ND(0.18)	ND(0.34)
Bromodichloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.29)	ND(0.29)	ND(0.30)
1,2-Dichloropropane	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.2)	ND(0.32)	ND(0.32)	ND(0.27)
cis-1,3-Dichloropropene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.21)	ND(0.21)	ND(0.26)
Trichloroethene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.9)	ND(0.9)	ND(0.1)	ND(0.27)	ND(0.27)	ND(0.59)
Benzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.6)	ND(0.6)	ND(0.1)	ND(0.17)	ND(0.17)	ND(0.35)
Dibromochloromethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(1.2)	ND(0.30)	ND(0.30)	ND(0.22)
trans-1,3-Dichloropropene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.5)	ND(1.5)	ND(0.7)	ND(0.23)	ND(0.23)	ND(0.29)
1,1,2-Trichloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.0)	ND(0.28)	ND(0.28)	ND(0.236)
2-Chloroethylvinyl Ether	ND(1.1)	ND(1.1)	ND(1.1)	ND(4.8)	ND(4.8)	ND(2.7)	ND(1.7)	ND(1.7)	ND(6.2)
Bromoform	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.5)	ND(1.5)	ND(1.3)	ND(0.25)	ND(0.25)	ND(0.22)
1,1,2,2-Tetrachloroethane	ND(0.3)	ND(0.3)	ND(0.3)	ND(0.8)	ND(0.8)	ND(1.9)	ND(0.27)	ND(0.27)	ND(0.35)
Tetrachloroethene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.1)	ND(0.30)	ND(0.30)	ND(0.74)
Toluene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.23)	ND(0.23)	ND(0.38)
Chlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.0)	ND(1.0)	ND(0.5)	ND(0.24)	ND(0.24)	ND(0.47)
Ethylbenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(1.2)	ND(1.2)	ND(0.8)	ND(0.17)	ND(0.17)	ND(0.50)
1,2-Dichlorobenzene	ND(0.2)	ND(0.2)	ND(0.2)	ND(1.6)	ND(1.6)	ND(0.5)	ND(0.20)	ND(0.20)	ND(0.67)
1,3-Dichlorobenzene	ND(0.4)	ND(0.4)	ND(0.4)	ND(0.8)	ND(0.8)	ND(0.7)	ND(0.28)	ND(0.28)	ND(0.35)
1,4-Dichlorobenzene	ND(0.3)	ND(0.3)	ND(0.3)	ND(1.4)	ND(1.4)	ND(0.8)	ND(0.30)	ND(0.30)	ND(0.79)

SW-7 (continued)

Parameter / Sampling Date	9/7/05	8/1/06	11/21/06						
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)						
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)						
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)						
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)						
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)						
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)						
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)						
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)						
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)						
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)						
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)						
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)						
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)						
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)						
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)						
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)						
Benzene	ND(0.35)	ND(0.35)	ND(0.35)						
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)						
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)						
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)						
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)						
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)						
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)						
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)						
Toluene	ND(0.38)	ND(0.38)	ND(0.38)						
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)						
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)						
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)						
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)						
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)						

Note:

ND( ): Compound not detected at method detection limit

*1,2-Dichloroethene, Total: Sum of Trans and Cis 1,2-Dichloroethene

J: Indicates and estimated value; compound is present at a concentration less than specified detection limit

Bold indicates value above NYSDEC Class GA Standard

SW-7
Historical Analysis of Leachate Indicators
East Northport Landfill, East Northport, NY
Reported in Milligrams per Liter

Leachate Indicators / Sampling Date	6/96	4/22/97	9/10/97	4/29/98	9/29/98	4/14/99	9/1/99	4/25/00	9/7/00
Ammonia	ND(1.0)	ND(0.05)	0.07	ND(0.2)	ND(0.1)	ND(0.20)	ND(0.20)	ND(0.2)	ND(0.2)
Bicarbonate		48.4	66.0	50.6	61.8	48.0	48.0	45.0	55.0
Chloride	**4,316**	**4,470.0**	**2,750.0**	**3,810.0**	**3,620.0**	**3,080.0**	**5,835.0**	**1,500.0**	**3,300.0**
Nitrate	5	0.62	0.32	0.44	0.30	0.67	ND(0.05)	ND(0.5)	ND(0.5)
Sulfate	**705**	**808.0**	248.0	**530.0**	**447.0**	**416.0**	**953.0**	28.0	**270.0**
Alkalinity	56	48.4	66.0	50.6	61.8	48.0	61.0	45.0	55.0
TDS	8,840	3,260.0	5,890.0	226.0	274.0	5,450.0	8,860.0	2,400.0	5,300.0
Hardness	341	1,435.54	1,848.0	1,200.0 E	1,050.0	934.0	92.0	510.0	1,200.0

Leachate Indicators / Sampling Date	4/24/01	9/19/01	4/8/02	9/10/02	4/15/03	10/8/03	6/4/04	10/26/04	4/13/05
Ammonia	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	0.4	**2.8**	ND(0.20)	0.329
Bicarbonate	44.0	54.0	53.0	51.0	44.0	55.0	46.0	43.0	48.0
Chloride	**1,800.0**	**2,600.0**	**2,500.0**	**3,600.0**	**1,100.0**	**3,900.0**	**1,500.0**	**1,300.0**	**2,400.0**
Nitrate	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	0.80	ND(0.5)	ND(0.5)	1.15	0.654
Sulfate	240.0	**370.0**	**270.0**	**310.0**	180.0	**750.0**	**440.0**	**190.0**	**380.0**
Alkalinity	44.0	54.0	53.0	52.0	44.0	56.0	46.0	43.0	48.0
TDS	2,700.0	3,600.0	4,600.0	6,800.0	2,108.0	8,213.0	6,010.0	2,393.0	4,300.0
Hardness	530.0	140.0	730.0	1,200.0	320.0	668.0	209.0	390.0	667.0

SW-7 (continued)

Leachate Indicators / Sampling Date	9/7/05	8/1/06	11/21/06						
Ammonia	ND(0.20)	0.635	ND(0.200)						
Bicarbonate	65.0	26.0	60.0						
Chloride	**2,600.0**	**2,500.0**	**1,400.0**						
Nitrate	ND(0.500)	ND(0.50)	0.71						
Sulfate	**350.0**	**370.0**	220.0						
Alkalinity	35.0	26.0	60.0						
TDS	2,600.0	5,100.0	2,800.0						
Hardness	778.1	691.9	608.1						

Note:

ND( ): Compound not detected at method detection limit

E: Reported value is estimated because of the presence of interference

APPENDIX 1

"Sample Data Summary Package"

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: TOH/ENL GW-2006

R&C FORMATION LTD.
705 BEDFORD AVENUE
SUITE 2B
BELLMORE, NY 11710
5167977330

CHEMTECH PROJECT NO.	**X5442**
ATTENTION:	**Bob Casson**

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: TOH/ENL GW-2006

OrderID: X5442 **CustomerName:** R&C Formation Ltd.

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5442-01	EN1-M
X5442-02	EN6-S
X5442-03	EN6-M
X5442-04	EN7-M
X5442-05	EN7-M(MS)
X5442-06	EN7-M(MSD)
X5442-07	CW1-S
X5442-08	CW1-M
X5442-09	CW2-M
X5442-10	CW4-S
X5442-11	EN9-M
X5442-12	EN10-M
X5442-13	CW4-M
X5442-14	DUP11-14
X5442-15	FB11-14
X5442-16	TB11-14

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Reyes Name: Mildred V Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: TOH/ENL GW-2006

OrderID: X5588 **CustomerName:** R&C Formation Ltd.

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5588-01	SW-1
X5588-02	SW-2
X5588-03	SW-2(MS)
X5588-04	SW-2(MSD)
X5588-05	SW-3
X5588-06	SW-4
X5588-07	SW-5
X5588-08	SW-6
X5588-09	SW-7
X5588-10	DUP11-21
X5588-11	TB11-21

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Signature: Mildred V Reyes Name: Mildred V Reyes

Date: 12/18/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5442

A. Number of Samples and Date of Receipt:
16 Water samples were received on 11/15/06.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, ICP Metals, Mercury, Metals Group1, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA G were done using GC column RTX624, which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #40924. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for t-1,3-Dichloropropene and 2-Chloroethyl vinyl ether.
The MSD recoveries met the acceptable requirements except for Tetrachloroethene.
The RPD recoveries met criteria except for 2-Chloroethyl vinyl ether.
The Blank Spike met requirements for all samples except for Bromomethane, Chloroethane and Vinyl Chloride.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on AvgRF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5442

A. Number of Samples and Date of Receipt:
16 Water samples were received on 11/15/06.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, ICP Metals, Mercury, Metals Group1, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for Metals Group1 and Mercury.

C. Analytical Techniques:
The analysis of Metals Group1 was based on method 200.7 and Mercury was based on method 245.1

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: TOH/ENL GW-2006

R&C FORMATION LTD.
705 BEDFORD AVENUE
SUITE 2B
BELLMORE, NY 11710
5167977330

CHEMTECH PROJECT NO.	**X5442**
ATTENTION:	**Bob Casson**

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: TOH/ENL GW-2006

OrderID: X5442 **CustomerName:** R&C Formation Ltd.

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5442-01	EN1-M
X5442-02	EN6-S
X5442-03	EN6-M
X5442-04	EN7-M
X5442-05	EN7-M(MS)
X5442-06	EN7-M(MSD)
X5442-07	CW1-S
X5442-08	CW1-M
X5442-09	CW2-M
X5442-10	CW4-S
X5442-11	EN9-M
X5442-12	EN10-M
X5442-13	CW4-M
X5442-14	DUP11-14
X5442-15	FB11-14
X5442-16	TB11-14

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Reyes Name: Mildred V Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092
Tel: 908-789-8900 Fax 908-789-8922

COVER PAGE

ProjectID: TOH/ENL GW-2006

OrderID: X5588 **CustomerName:** R&C Formation Ltd.

LAB SAMPLE NO.	CLIENT SAMPLE NO
X5588-01	SW-1
X5588-02	SW-2
X5588-03	SW-2(MS)
X5588-04	SW-2(MSD)
X5588-05	SW-3
X5588-06	SW-4
X5588-07	SW-5
X5588-08	SW-6
X5588-09	SW-7
X5588-10	DUP11-21
X5588-11	TB11-21

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature: Mildred V Reyes Name: Mildred V Reyes

Date: 12/8/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5442

A. Number of Samples and Date of Receipt:
16 Water samples were received on 11/15/06.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, ICP Metals, Mercury, Metals Group1, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA G were done using GC column RTX624, which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #40924. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for t-1,3-Dichloropropene and 2-Chloroethyl vinyl ether.
The MSD recoveries met the acceptable requirements except for Tetrachloroethene.
The RPD recoveries met criteria except for 2-Chloroethyl vinyl ether.
The Blank Spike met requirements for all samples except for Bromomethane, Chloroethane and Vinyl Chloride.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
Please use %D calculated based on AvgRF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5442

A. Number of Samples and Date of Receipt:
16 Water samples were received on 11/15/06.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, ICP Metals, Mercury, Metals Group1, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for Metals Group1 and Mercury.

C. Analytical Techniques:
The analysis of Metals Group1 was based on method 200.7 and Mercury was based on method 245.1

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5442

A. Number of Samples and Date of Receipt:
16 Water samples were received on 11/15/06.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, ICP Metals, Mercury, Metals Group1, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for Total Hardness.

C. Analytical Techniques:
The analysis of Total Hardness was based on method 200.7.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5442

A. Number of Samples and Date of Receipt:
16 Water samples were received on 11/15/06.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, ICP Metals, Mercury, Metals Group1, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, Nitrate as Nitrogen, Sulfate and Total Dissolved Solids.

C. Analytical Techniques:
The analysis of Alkalinity as CaCO3 was based on method 310.1, Ammonia was based on method 350.2, Bicarbonate was based on method 310.1, Chloride was based on method 325.2, Nitrate as Nitrogen was based on method 353.2, Sulfate was based on method 375.4 and Total Dissolved Solids was based on method 160.1.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/5/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5588

A. Number of Samples and Date of Receipt:
11 Water samples were received on 11/22/06.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for Total Hardness.

C. Analytical Techniques:
The analysis of Total Hardness was based on method 6010B

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/18/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2606
Project # N/A
Chemtech Project # X5588

A. Number of Samples and Date of Receipt:
11 Water samples were received on 11/22/06.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, Nitrate as Nitrogen, Sulfate and Total Dissolved Solids.

C. Analytical Techniques:
The analysis of Alkalinity as CaCO3 was based on method 310.1, Ammonia was based on method 350.2, Bicarbonate was based on method 310.1, Chloride was based on method 325.2, Nitrate as Nitrogen was based on method 353.2, Sulfate was based on method 375.4 and Total Dissolved Solids was based on method 160.1

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Lab Control Sample met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/8/06 Title: QA/QC

CHEMTECH

CASE NARRATIVE

R&C Formation Ltd.
Project Name: TOH/ENL GW-2006
Project # N/A
Chemtech Project # X5588

A. Number of Samples and Date of Receipt:
11 Water samples were received on 11/22/06.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity as CaCO3, Ammonia, Bicarbonate, Chloride, Nitrate as Nitrogen, Sulfate, Total Dissolved Solids, Total Hardness, and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA G were done using GC column RTX624, which is 20 meters, 0.18 ID, 1.0 df, Restek Cat. #40924. The Trap was supplied by OI Analytical, OI #10 Trap , OI Eclipse 4660 Concentrator.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds except for 2-Chloroethyl vinyl ether and Tetrachloroethene.
The MSD recoveries met the acceptable requirements except for 2-Chloroethyl vinyl ether, Tetrachloroethene, Vinyl Chloride, Bromomethane and Trichlorofluoromethane.
The RPD recoveries met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Tuning criteria met requirements.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes Name: Mildred V. Reyes

Date: 12/8/06 Title: QA/QC

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.

CHEMTECH

284 Sheffield Street Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	If the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	If the analyte was analyzed for, but not detected.
E	The reported value is estimated because of the presence of interference
M	Duplicate injection precision not met.
N	Spiked sample recovery not within control limits.
S	The reported value was determined by the Method of Standard Addition (MSA).
W	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while absorbance is less that 50% of spike absorbance.
*	Duplicate analysis not within control limits.
+	Correlation coefficient for the MSA is less than 0.995.
***	Entering "S", "W " or " +" is mutually exclusive. NO combination of these qualifiers can appear in the same field for an analyte.
D	The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers "P" for ICP instrument "A" for Flame AA "PM" for ICP when Microwave Digestion is used "AM" for flame AA when Microwave Digestion is used "FM" for furnace AA when Microwave Digestion is used "CV" for Manual Cold Vapor AA "AV" for automated Cold Vapor AA "CA" for MIDI-Distillation Spectrophotometric "AS" for Semi -Automated Spectrophotometric "C" for Manual Spectrophotometric "T" for Titrimetric "NR" for analyte not required to be analyzed

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X5442

COC Number 061956

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: R+C FORMATION, LTD
ADDRESS: 705 BEAFORD AVE, SUITE 2B
CITY: BELLMORE STATE: NY ZIP: 11710
ATTENTION: BOB CARSON
PHONE: (516) 797-7330 FAX: (516) 797-7339

CLIENT PROJECT INFORMATION

PROJECT NAME: GROUND WATER
PROJECT NO.: LOCATION: EAST N.P.
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 VOC EPA 624
2 METALS*
3 LEACHATE INDICATORS**
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 1	ENI-M	AQ		✓	11/4/06	1603	6	—	—	—							← Specify Preservatives A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other
2. 2	EN6-S					1122		—	—	—							
3. 3	EN6-M					1102		—	—	—							
4. 4	EN7-M					1017		—	—	—							
5. 5	EN7-M (MS)					↓		—	—	—							
6. 6	EN7-M (MSD)					↓		—	—	—							
7. 7	CWI-S					1500		—	—	—							
8. 8	CWI-M					1524		—	—	—							
9. 9	CW2-M					1433		—	—	—							
10. 10	CW4-S	↓	↓	↓	↓	1216	↓	—	—	—							

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/4/06 1700	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 11/5/06 1135	RECEIVED FOR LAB BY:
3. JPS		3. TIM MUNOZ

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant Cooler Temp. 4°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: *Al, As, Cr, Cd, Ca, Fe, Pb, Mg, Hg, K, Na
**Alkalinity/Bicarbonate, Ammonia, Nitrate, Chloride, TDS, Hardness, Sulphate
Ice In Cooler?: yes

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT
Shipment Complete: ☒ YES ☐ NO

Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X5442

COC Number 061955

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: R+C FORMATION, LTD

ADDRESS: 705 BEDFORD AVE, SUITE 2B

CITY: BELLMORE STATE: NY ZIP: 11710

ATTENTION: BOB CHASSON

PHONE: (516) 797-7330 FAX: (516) 797-7339

CLIENT PROJECT INFORMATION

PROJECT NAME: GROUND WATER

PROJECT NO.: LOCATION: EAST N.P.

PROJECT MANAGER:

e-mail:

PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:

ADDRESS:

CITY: STATE: ZIP:

ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *

HARD COPY: _____ DAYS *

EDD: _____ DAYS *

* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP

☐ RESULTS + QC ☐ New York State ASP "B"

☐ New Jersey REDUCED ☐ New York State ASP "A"

☐ New Jersey CLP ☐ Other _____

☐ EDD FORMAT _____

ANALYSIS

1 VOC's EPA 624
2 METALS*
3 LEACHATE INDICATORS**
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 11	EN9-M	AQ		✓	11/4/06	0936	6	—	—	—							
2. 12	EN10-M					1332		✓	✓	✓							
3. 13	CW4-M					1200		—	—	—							
4. 14	DUP 11-XX 14					0000		✓	✓	✓							
5. 15	FB 11-XX 14			B	—	1424	2	✓									
6. 16	TB 11-XX 14	—		B	—	—	2	✓									
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES — Specify Preservatives: A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/14/06 1700	1.
2.	DATE/TIME:	2.
3. VPS	DATE/TIME: 11/15/06 1135	3. JIM MUNOZ

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant Cooler Temp. 4°C

MeOH extraction requires an additional 4 oz jar for percent solid.

Comments: * Al, As, Cr, Cd, Ca, Fe, Pb, Mg, Hg, K, Na

** Alkalinity/Bicarbonate, Ammonia, Nitrate, Chloride, TDS, Hardness, Sulfate

Ice In Cooler?: yes

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

Page 2 of 2

Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X55588

COC Number 061953

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: R+C FORMATION, LTD
ADDRESS: 705 BEDFORD AVE, SUITE 2B
CITY: BELLMORE STATE: NY ZIP: 11710
ATTENTION: BOB CASSON
PHONE: (516) 797-7330 FAX: (516) 797-7339

CLIENT PROJECT INFORMATION

PROJECT NAME: SURFACE WATER
PROJECT NO.: LOCATION: EAST N. P.
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 VOC EPA 624 2 LEACHATE INDICATORS* 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	SW-1	AQ		✓	11/21/06	1015	5	—	—								
2.	SW-2					1033		—	—								
3.	SW-3 (MS)							—	—								
4.	SW-2 (MSD)							—	—								
5.	SW-3					1045		—	—								
6.	SW-4					1020		—	—								
7.	SW-5					1005		—	—								
8.	SW-6					1058		—	—								
9.	SW-7					0952		—	—								
10.	Dup 11-21					0000		—	—								

← Specify Preservatives
A-HCl B-HNO_3
C-H_2SO_4 D-NaOH
E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/21/06 1400	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 11.795	RECEIVED FOR LAB BY:
3.	11-22-06	3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant Cooler Temp. 4°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: HARDNESS, SULFATE
* ALKALINITY / BICARBONATE, AMMONIA, NITRATE, CHLORIDE, TDS
Ice in Cooler?: Yes

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☑ OVERNIGHT CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT
Shipment Complete: ☑ YES ☐ NO

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Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X5588

COC Number 061952

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO:		
COMPANY: R+C Formation, LTA	PROJECT NAME: Surface Water	BILL TO: PO#:
ADDRESS: 705 Bedford Ave, Suite 2B	PROJECT NO.: LOCATION: East N.Y.	ADDRESS:
CITY: Bellmore STATE: NY ZIP: 11710	PROJECT MANAGER:	CITY: STATE: ZIP:
ATTENTION: Bob Casson	e-mail:	ATTENTION: PHONE:
PHONE: 516 797-7330 FAX: 516 797-7339	PHONE: FAX:	

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD FORMAT _____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

1: VOC EPA 624
2:
3:
4:
5:
6:
7:
8:
9:

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	TB 11-21	AQ		X	11/21/06	—	2	—									
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	11/21/06 1400	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 11:45	RECEIVED FOR LAB BY:
3. P.S.	11-22-06	3.

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 4°C
Ice in Cooler?: Yes

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☑ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☑ YES ☐ NO

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Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	EN1-M	**SDG No.:**	X5442
Lab Sample ID:	X5442-01	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005436.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	1.4	J	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	1.8	J	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	2.6	J	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	EN1-M	**SDG No.:**	X5442
Lab Sample ID:	X5442-01	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005436.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.49	92 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	33.15	111 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	27.52	92 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	191901	3.78			
540-36-3	1,4-Difluorobenzene	1027343	5.58			
3114-55-4	Chlorobenzene-d5	843527	10.55			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	EN6-S	**SDG No.:**	X5442
Lab Sample ID:	X5442-02	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005437.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-02**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005437.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.08	104 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.43	108 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.22	87 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	175036	3.77			
540-36-3	1,4-Difluorobenzene	997240	5.57			
3114-55-4	Chlorobenzene-d5	806075	10.56			

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-03**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005438.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	1.1	J	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	4.2	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-03**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005438.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.41	95 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	30.75	103 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.1	84 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	180360	3.77			
540-36-3	1,4-Difluorobenzene	1000371	5.58			
3114-55-4	Chlorobenzene-d5	846817	10.55			

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN7-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-04**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005439.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	1.8	J	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	7.8		5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	2.3	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	1.3	J	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	2.7	J	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN7-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-04**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005439.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.63	95 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	30.72	102 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.85	90 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	193031	3.77			
540-36-3	1,4-Difluorobenzene	1015839	5.58			
3114-55-4	Chlorobenzene-d5	885080	10.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	CW1-S	**SDG No.:**	X5442
Lab Sample ID:	X5442-07	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005440.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	1.7	J	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-07**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005440.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.15	94 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.33	104 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.64	89 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	183238	3.77			
540-36-3	1,4-Difluorobenzene	997489	5.58			
3114-55-4	Chlorobenzene-d5	836466	10.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-08**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005442.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-08**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005442.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.23	97 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.14	107 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	27.34	91 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	183195	3.77			
540-36-3	1,4-Difluorobenzene	946680	5.59			
3114-55-4	Chlorobenzene-d5	782755	10.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW2-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-09**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005441.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	R&C Formation Ltd.	Date Collected:	11/14/2006
Project:	TOH/ENL GW-2006	Date Received:	11/15/2006
Client Sample ID:	CW2-M	SDG No.:	X5442
Lab Sample ID:	X5442-09	Matrix:	WATER
Analytical Method:	624	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005441.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.22	97 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.56	109 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.95	87 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	164221	3.78			
540-36-3	1,4-Difluorobenzene	979342	5.58			
3114-55-4	Chlorobenzene-d5	786723	10.55			

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	CW4-S	**SDG No.:**	X5442
Lab Sample ID:	X5442-10	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005443.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-10**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005443.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.67	96 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.24	104 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.32	88 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	177748	3.77			
540-36-3	1,4-Difluorobenzene	994857	5.58			
3114-55-4	Chlorobenzene-d5	791775	10.56			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN9-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-11**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005444.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	R&C Formation Ltd.	Date Collected:	11/14/2006
Project:	TOH/ENL GW-2006	Date Received:	11/15/2006
Client Sample ID:	EN9-M	SDG No.:	X5442
Lab Sample ID:	X5442-11	Matrix:	WATER
Analytical Method:	624	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005444.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.09	97 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.03	103 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.27	84 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	168246	3.77			
540-36-3	1,4-Difluorobenzene	974508	5.58			
3114-55-4	Chlorobenzene-d5	772468	10.56			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN10-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-12**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005445.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN10-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-12**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005445.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.94	96 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	30.92	103 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.5	85 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	174985	3.76			
540-36-3	1,4-Difluorobenzene	971883	5.58			
3114-55-4	Chlorobenzene-d5	769175	10.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-13**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005446.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	1.1	J	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	R&C Formation Ltd.	Date Collected:	11/14/2006
Project:	TOH/ENL GW-2006	Date Received:	11/15/2006
Client Sample ID:	CW4-M	SDG No.:	X5442
Lab Sample ID:	X5442-13	Matrix:	WATER
Analytical Method:	624	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005446.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.94	93 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.02	103 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.04	83 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	170751	3.77			
540-36-3	1,4-Difluorobenzene	940490	5.58			
3114-55-4	Chlorobenzene-d5	755673	10.55			

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**DUP11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-14**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005447.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**DUP11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-14**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005447.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.32	91 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.38	105 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.12	87 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	185075	3.77			
540-36-3	1,4-Difluorobenzene	941532	5.58			
3114-55-4	Chlorobenzene-d5	741608	10.56			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	Date Collected:	11/14/2006
Project:	TOH/ENL GW-2006	Date Received:	11/15/2006
Client Sample ID:	FB11-14	SDG No.:	X5442
Lab Sample ID:	X5442-15	Matrix:	WATER
Analytical Method:	624	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005491.D	1	11/27/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**FB11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-15**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005491.D	1	11/27/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.84	96 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	29.69	99 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.9	86 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	176068	3.77			
540-36-3	1,4-Difluorobenzene	1013975	5.58			
3114-55-4	Chlorobenzene-d5	957927	10.56			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**TB11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-16**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005432.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**TB11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-16**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005432.D	1	11/24/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.54	95 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.51	108 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.9	90 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	213430	3.77			
540-36-3	1,4-Difluorobenzene	1169993	5.57			
3114-55-4	Chlorobenzene-d5	1065182	10.55			

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Chemtech

Summary Sheet
SW-846

SDG No.: X5442 Order ID: X5442

Client: R&C Formation Ltd. Project ID: R&CF01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CW1-S**							
X5442-07	CW1-S	WATER	Chlorobenzene	1.7	J	5.0	0.47	ug/L
			Total VOC's:	1.70				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1.70				
Client ID:	**CW4-M**							
X5442-13	CW4-M	WATER	1,1-Dichloroethane	1.1	J	5.0	0.28	ug/L
			Total VOC's:	1.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1.10				
Client ID:	**EN1-M**							
X5442-01	EN1-M	WATER	1,1-Dichloroethene	1.4	J	5.0	0.33	ug/L
X5442-01	EN1-M	WATER	1,1-Dichloroethane	1.8	J	5.0	0.28	ug/L
X5442-01	EN1-M	WATER	1,1,1-Trichloroethane	2.6	J	5.0	0.17	ug/L
			Total VOC's:	5.80				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	5.80				
Client ID:	**EN6-M**							
X5442-03	EN6-M	WATER	Trichloroethene	1.1	J	5.0	0.59	ug/L
X5442-03	EN6-M	WATER	Tetrachloroethene	4.2	J	5.0	0.74	ug/L
			Total VOC's:	5.30				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	5.30				
Client ID:	**EN7-M**							
X5442-04	EN7-M	WATER	1,1-Dichloroethane	1.8	J	5.0	0.28	ug/L
X5442-04	EN7-M	WATER	Trichloroethene	7.8		5.0	0.59	ug/L
X5442-04	EN7-M	WATER	Tetrachloroethene	2.3	J	5.0	0.74	ug/L
X5442-04	EN7-M	WATER	Chlorobenzene	1.3	J	5.0	0.47	ug/L
X5442-04	EN7-M	WATER	1,4-Dichlorobenzene	2.7	J	5.0	0.79	ug/L
			Total VOC's:	15.90				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	15.90				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-01**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7.6	U	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	1.2	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	25600		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	21.1		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	52.5	J	ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	10200		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	542	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	18700		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-02**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7.6	U	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	1.2	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	13400		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	10.6		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	71.6	J	ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	6580		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	1120	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	27500		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-03**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7.6	U	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	2.0	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	79500		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	14.1		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	30.4	U	ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	26300		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	3820	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	65200		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN7-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-04**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	12.5	J	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.98	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	127000		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	12.7		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	102		ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	57900		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	5000	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	300000		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

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N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-07**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	9.5	J	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	67.1		ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.74	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	16300		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	12.2		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	6810		ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	19700		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	86600		ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	170000		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-08**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	48.0	J	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	36.0		ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.52	U	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	16700		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	5.8	J	ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	13100		ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	11400		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	29900		ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	49600		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

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N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	CW2-M	**SDG No.:**	X5442
Lab Sample ID:	X5442-09	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7.6	U	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.64	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	25200		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	20.4		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	72.2	J	ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	10600		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	8590		ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	22700		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-10**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	652		ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	7.5		ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	17400		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	20.4		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	3490		ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	205		ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	6340		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	5980		ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	11400		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN9-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-11**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7.6	U	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	1.2	J	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	24600		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	11.6		ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	30.4	U	ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	12800		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	956	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	29700		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN10-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-12**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	321		ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.52	U	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	1460	J	ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	8.7	J	ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	437		ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	16.2		ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	582	J	ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	1250	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	215	U	ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-13**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	7.6	U	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	4.1	U	ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.52	U	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	29600		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	7.4	J	ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	30.4	U	ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	13100		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	206	J	ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	16200		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	DUP11-14	**SDG No.:**	X5442
Lab Sample ID:	X5442-14	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	37.5	J	ug/L	7.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-38-2	Arsenic	38.2		ug/L	4.1	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-43-9	Cadmium	0.52	U	ug/L	0.52	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-70-2	Calcium	17100		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-47-3	Chromium	9.3	J	ug/L	0.68	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-89-6	Iron	12900		ug/L	30.4	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-92-1	Lead	1.6	U	ug/L	1.6	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	12000		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-97-6	Mercury	0.1800	U	ug/L	0.180	1	12/3/2006	12/3/2006	EPA SW-846 245.1
7440-09-7	Potassium	31200		ug/L	22.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7440-23-5	Sodium	52700		ug/L	215	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X5442 | **Order ID:** X5442

Client: R&C Formation Ltd. | **Project ID:** TOH/ENL GW-2006

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CW1-M**							
X5442-08	CW1-M	WATER	Aluminum	48.0	J	200	7.6	ug/L
X5442-08	CW1-M	WATER	Arsenic	36.0		10.0	4.1	ug/L
X5442-08	CW1-M	WATER	Calcium	16700		5000	1.5	ug/L
X5442-08	CW1-M	WATER	Chromium	5.8	J	10.0	0.68	ug/L
X5442-08	CW1-M	WATER	Iron	13100		100	30.4	ug/L
X5442-08	CW1-M	WATER	Magnesium	11400		5000	6.0	ug/L
X5442-08	CW1-M	WATER	Potassium	29900		5000	22.5	ug/L
X5442-08	CW1-M	WATER	Sodium	49600		5000	215	ug/L
Client ID:	**CW1-S**							
X5442-07	CW1-S	WATER	Aluminum	9.5	J	200	7.6	ug/L
X5442-07	CW1-S	WATER	Arsenic	67.1		10.0	4.1	ug/L
X5442-07	CW1-S	WATER	Cadmium	0.74	J	5.0	0.52	ug/L
X5442-07	CW1-S	WATER	Calcium	16300		5000	1.5	ug/L
X5442-07	CW1-S	WATER	Chromium	12.2		10.0	0.68	ug/L
X5442-07	CW1-S	WATER	Iron	6810		100	30.4	ug/L
X5442-07	CW1-S	WATER	Magnesium	19700		5000	6.0	ug/L
X5442-07	CW1-S	WATER	Potassium	86600		5000	22.5	ug/L
X5442-07	CW1-S	WATER	Sodium	170000		5000	215	ug/L
Client ID:	**CW2-M**							
X5442-09	CW2-M	WATER	Cadmium	0.64	J	5.0	0.52	ug/L
X5442-09	CW2-M	WATER	Calcium	25200		5000	1.5	ug/L
X5442-09	CW2-M	WATER	Chromium	20.4		10.0	0.68	ug/L
X5442-09	CW2-M	WATER	Iron	72.2	J	100	30.4	ug/L
X5442-09	CW2-M	WATER	Magnesium	10600		5000	6.0	ug/L
X5442-09	CW2-M	WATER	Potassium	8590		5000	22.5	ug/L
X5442-09	CW2-M	WATER	Sodium	22700		5000	215	ug/L
Client ID:	**CW4-M**							
X5442-13	CW4-M	WATER	Calcium	29600		5000	1.5	ug/L
X5442-13	CW4-M	WATER	Chromium	7.4	J	10.0	0.68	ug/L
X5442-13	CW4-M	WATER	Magnesium	13100		5000	6.0	ug/L
X5442-13	CW4-M	WATER	Potassium	206	J	5000	22.5	ug/L
X5442-13	CW4-M	WATER	Sodium	16200		5000	215	ug/L

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X5442 Order ID: X5442

Client: R&C Formation Ltd. Project ID: TOH/ENL GW-2006

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CW4-S**							
X5442-10	CW4-S	WATER	Aluminum	652		200	7.6	ug/L
X5442-10	CW4-S	WATER	Cadmium	7.5		5.0	0.52	ug/L
X5442-10	CW4-S	WATER	Calcium	17400		5000	1.5	ug/L
X5442-10	CW4-S	WATER	Chromium	20.4		10.0	0.68	ug/L
X5442-10	CW4-S	WATER	Iron	3490		100	30.4	ug/L
X5442-10	CW4-S	WATER	Lead	205		5.0	1.6	ug/L
X5442-10	CW4-S	WATER	Magnesium	6340		5000	6.0	ug/L
X5442-10	CW4-S	WATER	Potassium	5980		5000	22.5	ug/L
X5442-10	CW4-S	WATER	Sodium	11400		5000	215	ug/L
Client ID:	**DUP11-14**							
X5442-14	DUP11-14	WATER	Aluminum	37.5	J	200	7.6	ug/L
X5442-14	DUP11-14	WATER	Arsenic	38.2		10.0	4.1	ug/L
X5442-14	DUP11-14	WATER	Calcium	17100		5000	1.5	ug/L
X5442-14	DUP11-14	WATER	Chromium	9.3	J	10.0	0.68	ug/L
X5442-14	DUP11-14	WATER	Iron	12900		100	30.4	ug/L
X5442-14	DUP11-14	WATER	Magnesium	12000		5000	6.0	ug/L
X5442-14	DUP11-14	WATER	Potassium	31200		5000	22.5	ug/L
X5442-14	DUP11-14	WATER	Sodium	52700		5000	215	ug/L
Client ID:	**EN10-M**							
X5442-12	EN10-M	WATER	Aluminum	321		200	7.6	ug/L
X5442-12	EN10-M	WATER	Calcium	1460	J	5000	1.5	ug/L
X5442-12	EN10-M	WATER	Chromium	8.7	J	10.0	0.68	ug/L
X5442-12	EN10-M	WATER	Iron	437		100	30.4	ug/L
X5442-12	EN10-M	WATER	Lead	16.2		5.0	1.6	ug/L
X5442-12	EN10-M	WATER	Magnesium	582	J	5000	6.0	ug/L
X5442-12	EN10-M	WATER	Potassium	1250	J	5000	22.5	ug/L
Client ID:	**EN1-M**							
X5442-01	EN1-M	WATER	Cadmium	1.2	J	5.0	0.52	ug/L
X5442-01	EN1-M	WATER	Calcium	25600		5000	1.5	ug/L
X5442-01	EN1-M	WATER	Chromium	21.1		10.0	0.68	ug/L
X5442-01	EN1-M	WATER	Iron	52.5	J	100	30.4	ug/L
X5442-01	EN1-M	WATER	Magnesium	10200		5000	6.0	ug/L
X5442-01	EN1-M	WATER	Potassium	542	J	5000	22.5	ug/L
X5442-01	EN1-M	WATER	Sodium	18700		5000	215	ug/L

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X5442 Order ID: X5442

Client: R&C Formation Ltd. Project ID: TOH/ENL GW-2006

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**EN6-M**							
X5442-03	EN6-M	WATER	Cadmium	2.0	J	5.0	0.52	ug/L
X5442-03	EN6-M	WATER	Calcium	79500		5000	1.5	ug/L
X5442-03	EN6-M	WATER	Chromium	14.1		10.0	0.68	ug/L
X5442-03	EN6-M	WATER	Magnesium	26300		5000	6.0	ug/L
X5442-03	EN6-M	WATER	Potassium	3820	J	5000	22.5	ug/L
X5442-03	EN6-M	WATER	Sodium	65200		5000	215	ug/L
Client ID:	**EN6-S**							
X5442-02	EN6-S	WATER	Cadmium	1.2	J	5.0	0.52	ug/L
X5442-02	EN6-S	WATER	Calcium	13400		5000	1.5	ug/L
X5442-02	EN6-S	WATER	Chromium	10.6		10.0	0.68	ug/L
X5442-02	EN6-S	WATER	Iron	71.6	J	100	30.4	ug/L
X5442-02	EN6-S	WATER	Magnesium	6580		5000	6.0	ug/L
X5442-02	EN6-S	WATER	Potassium	1120	J	5000	22.5	ug/L
X5442-02	EN6-S	WATER	Sodium	27500		5000	215	ug/L
Client ID:	**EN7-M**							
X5442-04	EN7-M	WATER	Aluminum	12.5	J	200	7.6	ug/L
X5442-04	EN7-M	WATER	Cadmium	0.98	J	5.0	0.52	ug/L
X5442-04	EN7-M	WATER	Calcium	127000		5000	1.5	ug/L
X5442-04	EN7-M	WATER	Chromium	12.7		10.0	0.68	ug/L
X5442-04	EN7-M	WATER	Iron	102		100	30.4	ug/L
X5442-04	EN7-M	WATER	Magnesium	57900		5000	6.0	ug/L
X5442-04	EN7-M	WATER	Potassium	5000	J	5000	22.5	ug/L
X5442-04	EN7-M	WATER	Sodium	300000		5000	215	ug/L
Client ID:	**EN9-M**							
X5442-11	EN9-M	WATER	Cadmium	1.2	J	5.0	0.52	ug/L
X5442-11	EN9-M	WATER	Calcium	24600		5000	1.5	ug/L
X5442-11	EN9-M	WATER	Chromium	11.6		10.0	0.68	ug/L
X5442-11	EN9-M	WATER	Magnesium	12800		5000	6.0	ug/L
X5442-11	EN9-M	WATER	Potassium	956	J	5000	22.5	ug/L
X5442-11	EN9-M	WATER	Sodium	29700		5000	215	ug/L

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Metals
HARDNESS RESULTS

Contract: R&C Formation Ltd.

Lab Code: CHEMED Case No.: X5442 SAS No.: X5442 SDG NO.: X5442

Calculation: Ca (mg/L) * 2.497 + Mg (mg/L) * 4.118

Detection Limit: 0.07

Sample ID	Client ID	Ca (ug/L)	Ca Dil Fac	Mg (ug/L)	Mg Dil Fac	Final (mg/L)	Matrix
X5442-04	EN7-M	126947.40	1	57897.59	1	555.41	WATER
X5442-01	EN1-M	25612.71	1	10217.61	1	106.03	WATER
X5442-02	EN6-S	13410.46	1	6579.23	1	60.58	WATER
X5442-03	EN6-M	79515.80	1	26320.11	1	306.94	WATER
X5442-07	CW1-S	16325.00	1	19665.48	1	121.75	WATER
X5442-08	CW1-M	16689.75	1	11359.05	1	88.45	WATER
X5442-09	CW2-M	25193.51	1	10635.64	1	106.71	WATER
X5442-10	CW4-S	17413.90	1	6337.49	1	69.58	WATER
X5442-11	EN9-M	24608.15	1	12768.00	1	114.03	WATER
X5442-12	EN10-M	1458.28	1	582.40	1	6.04	WATER
X5442-13	CW4-M	29567.32	1	13147.24	1	127.97	WATER
X5442-14	DUP11-14	17067.66	1	12018.45	1	92.11	WATER

Comments:

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-01**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	25600		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	10200		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-02**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	13400		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	6580		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-03**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	79500		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	26300		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN7-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-04**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	127000		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	57900		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-07**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	16300		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	19700		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-08**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	16700		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	11400		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW2-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-09**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	25200		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	10600		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-10**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	17400		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	6340		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN9-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-11**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	24600		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	12800		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN10-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-12**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	1460	J	ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	582	J	ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-13**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	29600		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	13100		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**DUP11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-14**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	17100		ug/L	1.5	1	11/28/2006	11/29/2006	EPA SW-846 200.7
7439-95-4	Magnesium	12000		ug/L	6.0	1	11/28/2006	11/29/2006	EPA SW-846 200.7

Comments:

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Hit Summary Sheet
SW-846

SDG No.: X5442 Order ID: X5442

Client: R&C Formation Ltd. Project ID: TOH/ENL GW-2006

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CW1-M**							
X5442-08	CW1-M	WATER	Calcium	16700		5000	1.5	ug/L
X5442-08	CW1-M	WATER	Magnesium	11400		5000	6.0	ug/L
Client ID:	**CW1-S**							
X5442-07	CW1-S	WATER	Calcium	16300		5000	1.5	ug/L
X5442-07	CW1-S	WATER	Magnesium	19700		5000	6.0	ug/L
Client ID:	**CW2-M**							
X5442-09	CW2-M	WATER	Calcium	25200		5000	1.5	ug/L
X5442-09	CW2-M	WATER	Magnesium	10600		5000	6.0	ug/L
Client ID:	**CW4-M**							
X5442-13	CW4-M	WATER	Calcium	29600		5000	1.5	ug/L
X5442-13	CW4-M	WATER	Magnesium	13100		5000	6.0	ug/L
Client ID:	**CW4-S**							
X5442-10	CW4-S	WATER	Calcium	17400		5000	1.5	ug/L
X5442-10	CW4-S	WATER	Magnesium	6340		5000	6.0	ug/L
Client ID:	**DUP11-14**							
X5442-14	DUP11-14	WATER	Calcium	17100		5000	1.5	ug/L
X5442-14	DUP11-14	WATER	Magnesium	12000		5000	6.0	ug/L
Client ID:	**EN10-M**							
X5442-12	EN10-M	WATER	Calcium	1460	J	5000	1.5	ug/L
X5442-12	EN10-M	WATER	Magnesium	582	J	5000	6.0	ug/L
Client ID:	**EN1-M**							
X5442-01	EN1-M	WATER	Calcium	25600		5000	1.5	ug/L
X5442-01	EN1-M	WATER	Magnesium	10200		5000	6.0	ug/L
Client ID:	**EN6-M**							
X5442-03	EN6-M	WATER	Calcium	79500		5000	1.5	ug/L
X5442-03	EN6-M	WATER	Magnesium	26300		5000	6.0	ug/L
Client ID:	**EN6-S**							
X5442-02	EN6-S	WATER	Calcium	13400		5000	1.5	ug/L
X5442-02	EN6-S	WATER	Magnesium	6580		5000	6.0	ug/L
Client ID:	**EN7-M**							
X5442-04	EN7-M	WATER	Calcium	127000		5000	1.5	ug/L
X5442-04	EN7-M	WATER	Magnesium	57900		5000	6.0	ug/L
Client ID:	**EN9-M**							
X5442-11	EN9-M	WATER	Calcium	24600		5000	1.5	ug/L
X5442-11	EN9-M	WATER	Magnesium	12800		5000	6.0	ug/L

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-01**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	210.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	8.960		0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	43.0		2.000	mg/L	2	11/18/20C	375.4 Sulfate
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Chloride	29.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	30.00		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-02**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	150.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	4.950		0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	18.0		1.000	mg/L	1	11/18/20C	375.4 Sulfate
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Chloride	40.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	18.00		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN6-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-03**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	460.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	6.750		0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	79.0		2.000	mg/L	2	11/18/20C	375.4 Sulfate
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Chloride	99.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	120.000		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN7-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-04**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	1100.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.500	U	0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	110.00		4.000	mg/L	4	11/18/20C	375.4 Sulfate
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Chloride	270.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	510.000		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-S**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-07**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	520.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.500	U	0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	8.530		1.000	mg/L	1	11/18/20C	375.4 Sulfate
Chloride	75.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	570.000		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	80.00		10.00	mg/L	50	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW1-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-08**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	260.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.500	U	0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	33.0		2.000	mg/L	2	11/18/20C	375.4 Sulfate
Chloride	29.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	210.000		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	26.00		5.000	mg/L	25	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	CW2-M	**SDG No.:**	X5442
Lab Sample ID:	X5442-09	**Matrix:**	WATER
% Solids:	0.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	170.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	1.220		0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	32.0		2.000	mg/L	2	11/18/20C	375.4 Sulfate
Ammonia as N	0.334		0.200	mg/L	1	11/21/20C	350.1 Ammonia
Chloride	27.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	63.00		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/14/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/15/2006
Client Sample ID:	CW4-S	**SDG No.:**	X5442
Lab Sample ID:	X5442-10	**Matrix:**	WATER
% Solids:	0.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	81.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.613		0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	11.0		1.000	mg/L	1	11/18/20C	375.4 Sulfate
Chloride	11.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	44.00		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN9-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-11**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	240.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.500	U	0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	21.0		1.000	mg/L	1	11/18/20C	375.4 Sulfate
Chloride	66.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	36.00		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**EN10-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-12**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	21.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.500	U	0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	1.000	U	1.000	mg/L	1	11/18/20C	375.4 Sulfate
Chloride	2.860		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	9.440		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	0.453		0.200	mg/L	1	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**CW4-M**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-13**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	180.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	7.430		0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	33.0		2.000	mg/L	2	11/18/20C	375.4 Sulfate
Chloride	24.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	39.00		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	0.200	U	0.200	mg/L	1	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/14/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/15/2006**
Client Sample ID:	**DUP11-14**	**SDG No.:**	**X5442**
Lab Sample ID:	**X5442-14**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	250.0		10.00	mg/L	1	11/16/20C	160.1 TDS
NO3	0.500	U	0.500	mg/L	1	11/16/20C	353.2 Nitrate Only
Sulfate	27.0		2.000	mg/L	2	11/18/20C	375.4 Sulfate
Chloride	29.00		2.000	mg/L	1	11/20/20C	325.2 Chloride
Alkalinity	210.000		2.000	mg/L	1	11/20/20C	310.1 Alkalinity
Ammonia as N	5.930		0.200	mg/L	1	11/21/20C	350.1 Ammonia
Bicarbonate	2.000	U	2.000	mg/L	1	11/20/20C	310.1 Bicarbonate

Comment

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Report of Analysis

Client:	R&C Formation Ltd.	Date Collected:	11/21/2006
Project:	TOH/ENL GW-2006	Date Received:	11/22/2006
Client Sample ID:	SW-1	SDG No.:	X5588
Lab Sample ID:	X5588-01	Matrix:	WATER
Analytical Method:	624	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005474.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	1.7	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-1**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-01**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005474.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.18	94 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.19	107 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	28.48	95 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	201075	3.76			
540-36-3	1,4-Difluorobenzene	1100822	5.57			
3114-55-4	Chlorobenzene-d5	944483	10.55			

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-2	**SDG No.:**	X5588
Lab Sample ID:	X5588-02	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005475.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	2.3	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-2**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-02**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005475.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.67	99 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.95	110 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	27.62	92 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	178804	3.76			
540-36-3	1,4-Difluorobenzene	1073951	5.58			
3114-55-4	Chlorobenzene-d5	891717	10.55			

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-3	**SDG No.:**	X5588
Lab Sample ID:	X5588-05	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005476.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	2.2	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-3**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-05**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005476.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	30.29	101 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.83	106 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.58	85 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	168344	3.77			
540-36-3	1,4-Difluorobenzene	1014892	5.58			
3114-55-4	Chlorobenzene-d5	845108	10.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-4	**SDG No.:**	X5588
Lab Sample ID:	X5588-06	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Wol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005477.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	1.4	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-4**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-06**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005477.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.61	99 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.14	104 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.93	86 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	175439	3.78			
540-36-3	1,4-Difluorobenzene	1000708	5.58			
3114-55-4	Chlorobenzene-d5	858656	10.55			

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-5	**SDG No.:**	X5588
Lab Sample ID:	X5588-07	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005478.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-5	**SDG No.:**	X5588
Lab Sample ID:	X5588-07	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005478.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.36	95 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	30.23	101 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.17	84 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	183271	3.76			
540-36-3	1,4-Difluorobenzene	1022553	5.57			
3114-55-4	Chlorobenzene-d5	865151	10.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-6**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-08**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005479.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-6**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-08**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005479.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.83	93 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.32	104 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.13	87 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	167543	3.76			
540-36-3	1,4-Difluorobenzene	984096	5.57			
3114-55-4	Chlorobenzene-d5	798186	10.56			

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-7	**SDG No.:**	X5588
Lab Sample ID:	X5588-09	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005480.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-7**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-09**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005480.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.63	99 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	31.91	106 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	26.04	87 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	172601	3.77			
540-36-3	1,4-Difluorobenzene	947229	5.58			
3114-55-4	Chlorobenzene-d5	782633	10.55			

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	DUP11-21	**SDG No.:**	X5588
Lab Sample ID:	X5588-10	**Matrix:**	WATER
Analytical Method:	624	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005481.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	2.1	J	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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Report of Analysis

Client:	R&C Formation Ltd.	Date Collected:	11/21/2006
Project:	TOH/ENL GW-2006	Date Received:	11/22/2006
Client Sample ID:	DUP11-21	SDG No.:	X5588
Lab Sample ID:	X5588-10	Matrix:	WATER
Analytical Method:	624	% Moisture:	100
Sample Wt/Vol:	5.0 Units: mL	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005481.D	1	11/26/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	28.47	95 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	30.07	100 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	25.04	83 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	172011	3.77			
540-36-3	1,4-Difluorobenzene	958112	5.58			
3114-55-4	Chlorobenzene-d5	785144	10.56			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**TB11-21**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-11**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Vol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005472.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
74-87-3	Chloromethane	0.45	U	5.0	0.45	ug/L
75-01-4	Vinyl Chloride	0.62	U	5.0	0.62	ug/L
74-83-9	Bromomethane	1.3	U	5.0	1.3	ug/L
75-00-3	Chloroethane	1.1	U	5.0	1.1	ug/L
75-69-4	Trichlorofluoromethane	0.58	U	5.0	0.58	ug/L
75-35-4	1,1-Dichloroethene	0.33	U	5.0	0.33	ug/L
75-09-2	Methylene Chloride	0.98	U	5.0	0.98	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.28	U	5.0	0.28	ug/L
56-23-5	Carbon Tetrachloride	0.34	U	5.0	0.34	ug/L
67-66-3	Chloroform	0.18	U	5.0	0.18	ug/L
71-55-6	1,1,1-Trichloroethane	0.17	U	5.0	0.17	ug/L
71-43-2	Benzene	0.35	U	5.0	0.35	ug/L
107-06-2	1,2-Dichloroethane	0.28	U	5.0	0.28	ug/L
79-01-6	Trichloroethene	0.59	U	5.0	0.59	ug/L
78-87-5	1,2-Dichloropropane	0.27	U	5.0	0.27	ug/L
75-27-4	Bromodichloromethane	0.30	U	5.0	0.30	ug/L
108-88-3	Toluene	0.38	U	5.0	0.38	ug/L
10061-02-6	t-1,3-Dichloropropene	0.29	U	5.0	0.29	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.26	U	5.0	0.26	ug/L
79-00-5	1,1,2-Trichloroethane	0.36	U	5.0	0.36	ug/L
110-75-8	2-Chloroethyl vinyl ether	6.2	U	25	6.2	ug/L
124-48-1	Dibromochloromethane	0.22	U	5.0	0.22	ug/L
127-18-4	Tetrachloroethene	0.74	U	5.0	0.74	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.50	U	5.0	0.50	ug/L
75-25-2	Bromoform	0.22	U	5.0	0.22	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.35	U	5.0	0.35	ug/L
541-73-1	1,3-Dichlorobenzene	0.65	U	5.0	0.65	ug/L
106-46-7	1,4-Dichlorobenzene	0.79	U	5.0	0.79	ug/L
95-50-1	1,2-Dichlorobenzene	0.67	U	5.0	0.67	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**TB11-21**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-11**	**Matrix:**	**WATER**
Analytical Method:	**624**	**% Moisture:**	**100**
Sample Wt/Wol:	**5.0 Units: mL**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VG005472.D	1	11/25/2006	VG112406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	29.53	98 %	80 - 120		SPK: 30
2037-26-5	Toluene-d8	32.66	109 %	80 - 120		SPK: 30
460-00-4	4-Bromofluorobenzene	27.33	91 %	80 - 120		SPK: 30
INTERNAL STANDARDS						
74-97-5	Bromochloromethane	194762	3.77			
540-36-3	1,4-Difluorobenzene	1060184	5.57			
3114-55-4	Chlorobenzene-d5	957257	10.55			

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Chemtech

Summary Sheet
SW-846

SDG No.: X5588 Order ID: X5588

Client: R&C Formation Ltd. Project ID: R&CF01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**DUP11-21**							
X5588-10	DUP11-21	WATER	Tetrachloroethene	2.1	J	5.0	0.74	ug/L
			Total VOC's:	2.10				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2.10				
Client ID:	**SW-1**							
X5588-01	SW-1	WATER	Tetrachloroethene	1.7	J	5.0	0.74	ug/L
			Total VOC's:	1.70				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1.70				
Client ID:	**SW-2**							
X5588-02	SW-2	WATER	Tetrachloroethene	2.3	J	5.0	0.74	ug/L
			Total VOC's:	2.30				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2.30				
Client ID:	**SW-3**							
X5588-05	SW-3	WATER	Tetrachloroethene	2.2	J	5.0	0.74	ug/L
			Total VOC's:	2.20				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	2.20				
Client ID:	**SW-4**							
X5588-06	SW-4	WATER	Tetrachloroethene	1.4	J	5.0	0.74	ug/L
			Total VOC's:	1.40				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	1.40				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-1**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-01**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	17700		ug/L	1.5	1	11/28/2006	12/3/2006	EPA SW-846 200.7
7439-95-4	Magnesium	7670		ug/L	6.0	1	11/28/2006	12/3/2006	EPA SW-846 200.7

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-2	**SDG No.:**	X5588
Lab Sample ID:	X5588-02	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	24100		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	10900		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-3	**SDG No.:**	X5588
Lab Sample ID:	X5588-05	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	15700		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	8100		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-4	**SDG No.:**	X5588
Lab Sample ID:	X5588-06	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	17000		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	7730		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-5**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-07**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	23900		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	11400		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-6	**SDG No.:**	X5588
Lab Sample ID:	X5588-08	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	20100		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	8120		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

Comments:

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-7**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-09**	**Matrix:**	**WATER**
		% Solids:	**0.00**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	49500		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	118000		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	DUP11-21	**SDG No.:**	X5588
Lab Sample ID:	X5588-10	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-70-2	Calcium	14600		ug/L	1.5	1	11/28/2006	12/5/2006	EPA SW-846 200.7
7439-95-4	Magnesium	7830		ug/L	6.0	1	11/28/2006	12/5/2006	EPA SW-846 200.7

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Hit Summary Sheet
SW-846

SDG No.: X5588 Order ID: X5588

Client: R&C Formation Ltd. Project ID: TOH/ENL GW-2006

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	DUP11-21							
X5588-10	DUP11-21	WATER	Calcium	14600		5000	1.5	ug/L
X5588-10	DUP11-21	WATER	Magnesium	7830		5000	6.0	ug/L
Client ID:	SW-1							
X5588-01	SW-1	WATER	Calcium	17700		5000	1.5	ug/L
X5588-01	SW-1	WATER	Magnesium	7670		5000	6.0	ug/L
Client ID:	SW-2							
X5588-02	SW-2	WATER	Calcium	24100		5000	1.5	ug/L
X5588-02	SW-2	WATER	Magnesium	10900		5000	6.0	ug/L
Client ID:	SW-3							
X5588-05	SW-3	WATER	Calcium	15700		5000	1.5	ug/L
X5588-05	SW-3	WATER	Magnesium	8100		5000	6.0	ug/L
Client ID:	SW-4							
X5588-06	SW-4	WATER	Calcium	17000		5000	1.5	ug/L
X5588-06	SW-4	WATER	Magnesium	7730		5000	6.0	ug/L
Client ID:	SW-5							
X5588-07	SW-5	WATER	Calcium	23900		5000	1.5	ug/L
X5588-07	SW-5	WATER	Magnesium	11400		5000	6.0	ug/L
Client ID:	SW-6							
X5588-08	SW-6	WATER	Calcium	20100		5000	1.5	ug/L
X5588-08	SW-6	WATER	Magnesium	8120		5000	6.0	ug/L
Client ID:	SW-7							
X5588-09	SW-7	WATER	Calcium	49500		5000	1.5	ug/L
X5588-09	SW-7	WATER	Magnesium	118000		5000	6.0	ug/L

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-1**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-01**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	190		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.226		0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	34		2.000	mg/L	1	11/27/200	310.1 Alkalinity
Bicarbonate	34		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	20		1.000	mg/L	1	12/2/2006	375.4 Sulfate
NO3	2.730		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Chloride	49.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	R&C Formation Ltd.	**Date Collected:**	11/21/2006
Project:	TOH/ENL GW-2006	**Date Received:**	11/22/2006
Client Sample ID:	SW-2	**SDG No.:**	X5588
Lab Sample ID:	X5588-02	**Matrix:**	WATER
% Solids:	0.00		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	190		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.377		0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	61		2.000	mg/L	1	11/27/200	310.1 Alkalinity
Bicarbonate	61		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
NO3	1.730		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Sulfate	37		1.000	mg/L	1	12/2/2006	375.4 Sulfate
Chloride	69.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-3**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-05**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	170		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.207		0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	26		2.000	mg/L	1	11/27/200	310.1 Alkalinity
NO3	3.800		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Bicarbonate	26		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	20		1.000	mg/L	1	12/2/2006	375.4 Sulfate
Chloride	38.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-4**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-06**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	260		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.204		0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	34		2.000	mg/L	1	11/27/200	310.1 Alkalinity
NO3	2.700		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Bicarbonate	34		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	22		1.000	mg/L	1	12/2/2006	375.4 Sulfate
Chloride	51.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-5**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-07**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	240		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.210		0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	50		2.000	mg/L	1	11/27/200	310.1 Alkalinity
NO3	2.090		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Bicarbonate	50		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	26		1.000	mg/L	1	12/2/2006	375.4 Sulfate
Chloride	64.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-6**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-08**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	230		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.478		0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	55		2.000	mg/L	1	11/27/200	310.1 Alkalinity
NO3	1.180		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Bicarbonate	55		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	18		1.000	mg/L	1	12/2/2006	375.4 Sulfate
Chloride	74.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**SW-7**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-09**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	2800		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.200	U	0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	60		2.000	mg/L	1	11/27/200	310.1 Alkalinity
NO3	0.710		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Bicarbonate	60		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	220.00		5.000	mg/L	5	12/2/2006	375.4 Sulfate
Chloride	1400.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Report of Analysis

Client:	**R&C Formation Ltd.**	**Date Collected:**	**11/21/2006**
Project:	**TOH/ENL GW-2006**	**Date Received:**	**11/22/2006**
Client Sample ID:	**DUP11-21**	**SDG No.:**	**X5588**
Lab Sample ID:	**X5588-10**	**Matrix:**	**WATER**
% Solids:	**0.00**		

Analyte	Result	Qualifier	RL	Units	DF	Date Analyzed	Method
TDS	170		10.00	mg/L	1	11/24/200	160.1 TDS
Ammonia as N	0.200	U	0.200	mg/L	1	11/28/200	350.1 Ammonia
Alkalinity	26		2.000	mg/L	1	11/27/200	310.1 Alkalinity
NO3	3.780		0.500	mg/L	1	11/28/200	353.2 Nitrate Only
Bicarbonate	26		2.000	mg/L	1	11/27/200	310.1 Bicarbonate
Sulfate	21		1.000	mg/L	1	12/2/2006	375.4 Sulfate
Chloride	37.00		2.000	mg/L	1	12/2/2006	325.2 Chloride

Comment

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Metals
HARDNESS RESULTS

Contract: R&C Formation Ltd.

Lab Code: CHEMED Case No.: X5588 SAS No.: X5588 SDG NO.: X5588

Calculation: Ca (mg/L) * 2.497 + Mg (mg/L) * 4.118

Detection Limit: 0.07

Sample ID	Client ID	Ca (ug/L)	Ca Dil Fac	Mg (ug/L)	Mg Dil Fac	Final (mg/L)	Matrix
X5588-01	SW-1	17719.47	1	7672.03	1	75.84	WATER
X5588-02	SW-2	24118.03	1	10921.61	1	105.20	WATER
X5588-05	SW-3	15706.52	1	8097.43	1	72.56	WATER
X5588-06	SW-4	16974.47	1	7730.65	1	74.22	WATER
X5588-07	SW-5	23869.81	1	11408.93	1	106.58	WATER
X5588-08	SW-6	20054.48	1	8118.92	1	83.51	WATER
X5588-09	SW-7	49532.14	1	117644.80	1	608.14	WATER
X5588-10	DUP11-21	14581.86	1	7829.60	1	68.65	WATER

Comments: