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HUNTINGTON LANDFILL
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Groundwater and Surface Water Sampling & Analysis East Northport Landfill East Northport, New York November, 2007

Prepared for:

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East Northport Landfill
East Northport, New York
November, 2007

Introduction

Presented herein are the results of November, 2007 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

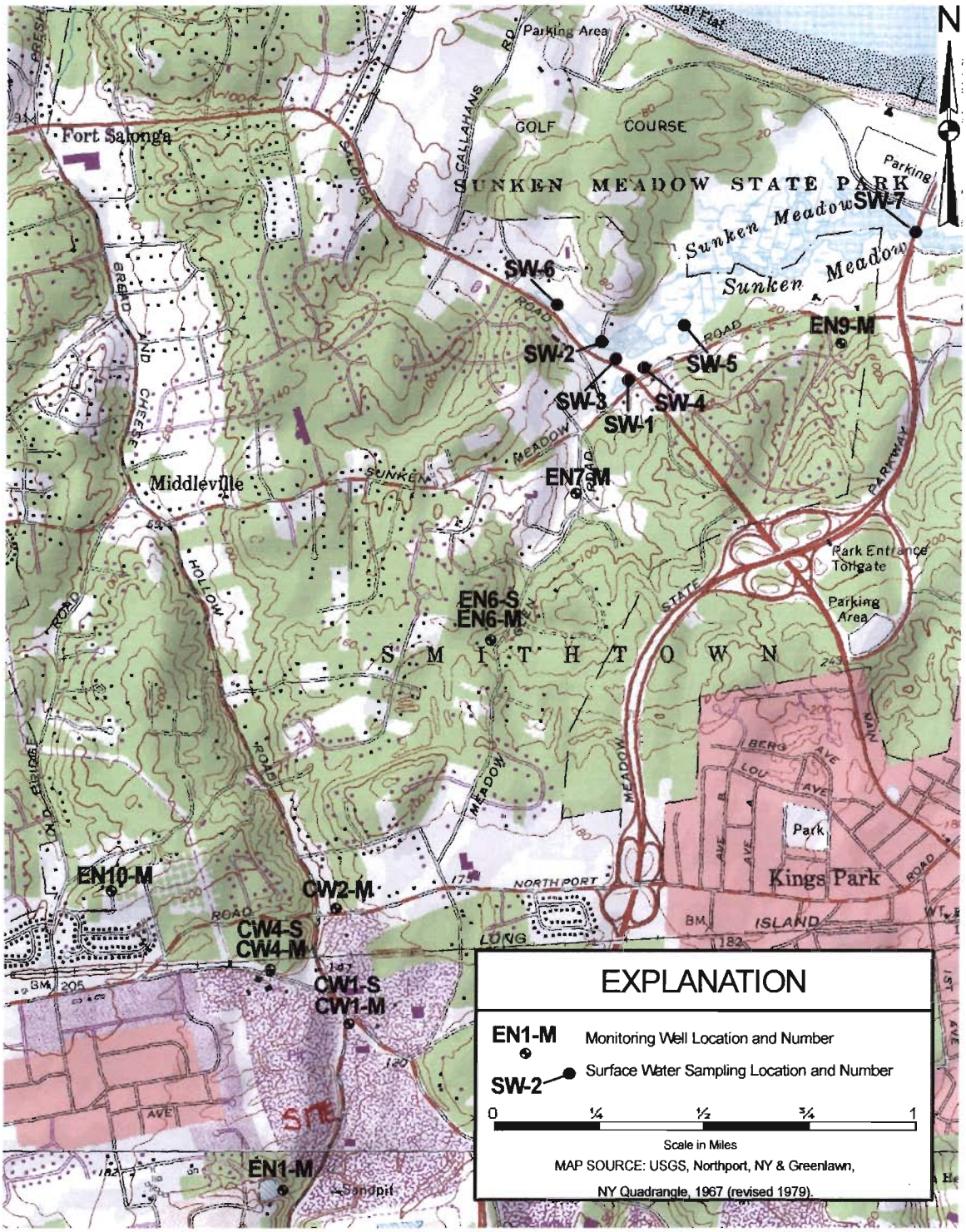
The scope-of-work includes performance of the following items:

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

Surface water sampling methodology includes submerging laboratory-provided sample containers at each sampling point and establishing 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. Consequently, collected surface water samples reflect stream base-flow and, for the most part, the quality of groundwater.

Groundwater samples from monitoring wells CW2-M, CW4-S, CW4-M, EN1-M, EN6-S, EN6-M, EN7-M and EN9-M and EN10-M were collected November 29, 2007. All seven surface water samples and groundwater from monitoring wells CW1-S and CW1-M were collected November 30, 2007. Upon the completion of sampling activities, collected samples were submitted under chain-of-custody control to New York State Department of Health certified Phoenix Environmental Laboratories, Inc. for chemical analysis. A copy of the original laboratory "Sample Data Summary Package" is presented in Appendix 1.

A summary of field data measured and recorded at groundwater and surface water sampling points is presented on Table 1. Note that data associated with groundwater samples reflects the last value measured during well-purging activities.

Quality Assurance/Quality Control

A narrative (conformance/nonconformance summary) of QA/QC procedures practiced by Phoenix Environmental Laboratories, Inc.- which include instrument calibrations, analysis of method blanks, matrix spike blanks, and the percent-recovery of surrogates (system monitoring compounds) - is presented in the above-mentioned "Sample Data Summary Package." Matrix spike/matrix spike duplicates (MS/MSD's) were collected to further support both groundwater (EN7-M) and surface water analyses (SW-3).

Table 1

Summary of Field Data
Measured November 29-30, 2007
East Northport Landfill, East Northport, NY

Sampling Point	Dissolved Oxygen (mg/l)	Conductivity (umhos)	Temperature (°centigrade)	pH (units)	Salinity (‰)	Turbidity (ntu)
CW1-S	0.00	970	21.7	7.21	0.1	4.7
CW1-M	0.00	1,450	21.7	7.70	0.1	95.0
CW2-M	0.00	423	14.6	6.37	0.0	0.0
CW4-S	5.81	95	16.0	6.90	0.0	14.8
CW4-M	7.28	293	15.9	6.80	0.0	12.3
EN1-M	7.61	317	12.5	6.50	0.0	0.4
EN6-S	9.11	263	12.5	5.64	0.0	0.5
EN6-M	0.00	875	12.5	6.65	0.0	2.2
EN7-M	0.00	2,090	11.5	6.97	0.1	3.2
EN9-M	5.07	577	11.6	6.50	0.0	2.7
EN10-M	0.00	39	17.8	5.31	0.0	15.1
SW-1	7.28	317	7.7	6.83	0.0	17.3
SW-2	6.24	454	5.8	6.59	0.0	3.0
SW-3	6.32	287	11.0	6.52	0.0	0.0
SW-4	7.65	312	7.4	6.73	0.0	4.8
SW-5	7.45	554	8.6	6.71	0.0	1.0
SW-6	6.57	379	3.5	6.70	0.0	8.9
SW-7	9.48	14,000	5.7	6.19	0.8	7.7

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Additionally, trip blanks representing groundwater (TB11-29) and surface water samples (TB-SW) were analyzed for volatile organic compounds. A field blank (FB11-30) representing groundwater sampling activities was also analyzed for volatile organic compounds.

The accuracy of reported analytical results is assessed via the analysis of "blind duplicates" collected from groundwater monitoring well CW2-M (identified as GW-Dup) and surface water sampling location SW-2 (identified as SW-B). Blind duplicate samples GW-Dup and SW-B were analyzed for all groundwater and surface water parameters, respectively.

Summary of Analytical Results

QA/QC Samples

Targeted volatile organic compounds were not detected in any of the aforementioned groundwater and surface water QA/QC blanks. Furthermore, analytical results in relation to groundwater and surface water blind duplicates are comparable (see Tables 2, 2A, 3 and 3A). Subsequently, the results of groundwater and surface water analyses summarized below are considered valid.

Groundwater

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

As shown on Table 2, the sole volatile organic compound detected in excess of its NYSDEC drinking water standard is *tetrachloroethene* (EN7-M).

As shown on Table 2A, metals detected in excess of NYSDEC drinking water standards include *arsenic* (CW1-S, CW1-M), *cadmium* (CW4-S), *chromium* (EN6-M), *iron* (CW1-S, CW1-M, CW4-S, EN10-M), *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 are *ammonia* (CW1-S, CW1-M) and *chloride* (EN7-M).

Surface Water

Summarized analytical results in relation to volatile organic compounds and leachate indicators - including comparisons with NYSDEC Class GA drinking water standards - are presented on Table 3 and Table 3A, respectively.

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

As shown on Table 3A, leachate indicators detected in excess of NYSDEC Class GA drinking water standards are *chloride* and *sulfate*, detected in surface water sample SW-7. As previously reported, elevated concentrations of "salts" at this sampling point are attributable to the influence of saline surface water, insofar as sample SW-7 is collected from within the tidal portion of Sunken Meadow Creek.

Historical Analysis

Section HA-1A presents a tabulated comparison of historical analytical results for the period-of-record dating from June, 1996 to November, 2007, on a per sampling-point basis. A summary of inconsistencies with the most recent analyses, completed July, 2007, is presented below. With the exception of the below-listed inconsistencies, November, 2007 analytical results, as summarized above, continue to be consistent with 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 & September 2005, August & November, 2006, July, 2007).

<u>Groundwater</u>

* The concentration of *trichloroethene* decreased in groundwater sampled from monitoring well EN7-M from 8.9 micrograms per liter (μg/l), a concentration above NYSDEC's drinking water standard of 5.0 μg/l, to non-detect (ND).

* The concentration of *tetrachloroethene* decreased in groundwater sampled from monitoring well EN6-M from 6.9 micrograms per liter (μg/l), a concentration above NYSDEC's drinking water standard of 5.0 μg/l, to non-detect (ND).

* The concentration of *tetrachloroethene* increased in groundwater sampled from monitoring well EN7-M from 0.91 μg/l to 5.3 μg/l, a concentration above NYSDEC's drinking water standard of 5.0 μg/l.

* The concentration of *cadmium* increased in groundwater sampled from monitoring well CW4-S from 2.3 μg/l to 7.0 μg/l, a concentration above NYSDEC's drinking water standard of 5.0 μg/l.

* The concentration of *chromium* increased in groundwater sampled from monitoring well EN6-M from ND to 52.0 μg/l, a concentration above NYSDEC's drinking water standard of 50.0 μg/l.

* The concentration of *lead* decreased in groundwater sampled from monitoring well CW4-S from 55.0 μg/l, a concentration above NYSDEC's drinking water standard of 25.0 μg/l, to 7.0 μg/l.

* The concentration of *chloride* increased in groundwater sampled from monitoring well EN7-M from 239 milligrams per liter (mg/l) to 280.0 mg/l, a concentration above NYSDEC's drinking water standard of 250.0 mg/l.

Surface Water

* The concentration of *sulfate* increased at sampling point SW-7 from 199 mg/l to 390.0 mg/l, a concentration above NYSDEC's drinking water standard of 250.0 mg/l.

Table 2

Summary of Analytical Results-Groundwater
East Northport Landfill, East Northport, NY
Sampled November 29-30, 2007

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	GW-DUP	TB-11-29	FB 11-30	NYSDEC Class GA Standard
Chloromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	NS/GV
Bromomethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Vinyl Chloride	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	2.0
Chloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Methylene Chloride	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Trichloroflouromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
1,1-Dichloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
1,1-Dichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
trans-1,2-Dichloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Chloroform	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	7.0
1,2-Dichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	0.6
1,1,1-Trichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Carbon Tetrachloride	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Bromodichloromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	50.0 GV
1,2-Dichloropropane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	1.0
cis-1,3-Dichloropropene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	0.4*
Trichloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Benzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	1.0
Dibromochloromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	50.0 GV
trans-1,3-Dichloropropene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	0.4*
1,1,2-Trichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	1.0
2-Chloroethyl vinyl Ether	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	NS/GV
Bromoform	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	50.0 GV
1,1,2,2-Tetrachloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Tetrachloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	**5.3**	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Toluene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Chlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	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	GW-DUP	TB-11-29	FB 11-30	NYSDEC Class GA Standard
Ethylbenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
1,2-Dichlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	3.0
1,3-Dichlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	3.0
1,4-Dichlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	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
B: The analyte was found in an associated blank, as well as in the sample

Table 2A

Summary of Analytical Results-Groundwater
East Northport Landfill, East Northport, NY
Sampled November 29-30, 2007

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	GW-DUP	NYSDEC Class GA Standard
Aluminum	51.0	18.0	30.0	125.0	28.0	30.0	23.0	66.0	154.0	109.0	273.0	31.0	NS/GV
Arsenic	**29.0**	**45.0**	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	ND(4.0)	25.0
Cadmium	ND(1.0)	ND(1.0)	ND(1.0)	**7.0**	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.0
Calcium	12,400.0	14,000.0	17,400.0	7,930.0	24,900.0	23,200.0	11,400.0	59,700.0	125,000.0	32,100.0	1,350.0	17.2	NS/GV
Chromium	ND(1.0)	ND(1.0)	ND(1.0)	3.0	2.0	2.0	2.0	**52.0**	ND(1.0)	ND(1.0)	6.0	ND(1.0)	50.0
Iron	**14,400.0**	**5,530.0**	74.0	**862.0**	34.0	28.0	44.0	259.0	204.0	165.0	**1,500.0**	89.0	300.0
Lead	ND(1.0)	ND(1.0)	ND(1.0)	7.0	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	13.0	ND(1.0)	25.0
Magnesium	6,400.0	12,000.0	6,440.0	1,210.0	9,590.0	8,550.0	5,150.0	18,100.0	**52,300.0**	14,300.0	426.0	6,280.0	35,000.0 GV
Mercury	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.2)	ND(0.4)	ND(0.2)	ND(0.2)	ND(0.2)	0.7
Potassium	19,700.0	57,700.0	7,680.0	4,960.0	1,500.0	1,430.0	1,740.0	3,520.0	5,510.0	2,790.0	3,570.0	7,430.0	NS/GV
Sodium	**26,900.0**	**105,000.0**	**23,400.0**	4,740.0	13,600.0	18,600.0	**24,200.0**	**47,800.0**	**228,000.0**	**52,700.0**	1,580.0	**22,200.0**	20,000.0
Leachate Indicators (mg/l)													
Ammonia	**16.000**	**77.000**	0.410	0.070	0.020	0.030	ND(0.020)	ND(0.020)	0.120	ND(0.020)	0.030	0.030	2.0
Bicarbonate	150.00	610.00	38.00	40.00	44.00	32.00	ND(20.00)	150.00	650.00	48.00	ND(20.00)	55.00	NS/GV
Chloride	18.00	67.00	48.00	4.30	21.00	24.00	35.00	88.00	**280.00**	130.00	ND(3.00)	48.00	250.0
Nitrate	0.53	ND(0.05)	1.90	1.10	7.10	9.20	6.10	6.60	ND(0.05)	0.71	ND(0.05)	1.90	10.0
Sulfate	32.00	10.00	26.00	3.70	33.00	41.00	24.00	72.00	120.00	15.00	ND(3.00)	26.00	250.0
Alkalinity	150.00	610.00	38.00	40.00	44.00	32.00	ND(20.00)	150.00	650.00	48.00	ND(20.00)	55.00	NS/GV
TDS	470.00	170.00	46.00	170.00	180.00	140.00	160.00	360.00	1,100.00	300.00	21.00	150.00	NS/GV
Hardness	57.30	84.40	70.00	24.80	102.00	93.10	49.70	224.00	527.00	139.00	5.13	68,800.00	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 30, 2007

Volatile Organic Compounds

Reported in Micrograms per liter

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-B	TB-SW	NYSDEC Class GA Standard
Chloromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	NS/GV
Bromomethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Vinyl Chloride	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	2.0
Chloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Methylene Chloride	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Trichloroflouromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
1,1-Dichloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
1,1-Dichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
trans-1,2-Dichloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Chloroform	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	7.0
1,2-Dichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	0.6
1,1,1-Trichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Carbon Tetrachloride	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Bromodichloromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	50.0 GV
1,2-Dichloropropane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	1.0
cis-1,3-Dichloropropene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	0.4*
Trichloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Benzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	1.0
Dibromochloromethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	50.0 GV
trans-1,3-Dichloropropene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	0.4*
1,1,2-Trichloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	1.0
2-Chloroethylvinyl Ether	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	NS/GV
Bromoform	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	50.0 GV
1,1,2,2-Tetrachloroethane	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Tetrachloroethene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0

Table 3 continued

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-B	TB-SW	NYSDEC Class GA Standard
Toluene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Chlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
Ethylbenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	5.0
1,2-Dichlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	3.0
1,3-Dichlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	3.0
1,4-Dichlorobenzene	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	ND(5.00)	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

B:The analyte was found in an associated blank, as well as in the sample

Table 3A

Summary of Analytical Results-Surface Water
East Northport Landfill, East Northport, NY
Sampled November 30, 2007

Leachate Indicators

Reported in Milligrams per Liter

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	SW-6	SW-7	SW-B	NYSDEC Class GA Standard
Ammonia	0.160	0.110	0.049	0.160	0.070	0.320	0.130	0.140	2.0
Bicarbonate	38.00	76.00	38.00	42.00	84.00	67.00	76.00	80.00	NS/GV
Chloride	48.00	69.00	44.00	49.00	100.00	63.00	**4,500.00**	69.00	250.0
Nitrate	3.00	1.90	3.70	3.00	2.90	2.00	0.94	1.80	10.0
Sulfate	20.00	38.00	22.00	21.00	34.00	21.00	**390.00**	37.00	250.0
Alkalinity	38.00	76.00	38.00	42.00	84.00	67.00	76.00	80.00	NS/GV
TDS	160.00	250.00	160.00	160.00	300.00	180.00	7,100.00	180.00	NS/GV
Hardness	74.60	126.00	77.20	72.90	142.00	75.50	1,470.00	121.00	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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	0.50 JB	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	**1.9 J**	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	**6.6**	ND(0.47)	1.7 J	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	1.5 J	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	109.0 J	103.0 J	9.5 J	530.0	51.0				
Arsenic	**61.70**	**29.7**	**67.1**	**42.0**	**29.0**				
Cadmium	ND(0.327)	ND(0.327)	0.74 J	ND(5.0)	ND(1.0)				
Calcium	27,700.0	13,400.0	16,300.0	15,700.0	12,400.0				
Chromium	2.060 J	10.1	12.2	2.2 J	ND(1.0)				
Iron	**6,390.0**	**13,000.0**	**6,810.0**	**19,700.0**	**14,400.0**				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	6.4	ND(1.0)				
Magnesium	26,400.0	8,420.0	19,700.0	9,100.0	6,400.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	103000	19,300.0	86,600.0	18,300.0	19,700.0				
Sodium	**349,000.0**	**33,400.0**	**170,000.0**	**30,600.0**	**26,900.0**				
Leachate Indicators (mg/l)									
Ammonia	**140.0**	**3.73**	**80.00**	**16.800**	**16.000**				
Bicarbonate	1000.0	190.00	ND(2.000)	170.00	150.00				
Chloride	160.0	29.00	75.00	22.80	18.00				
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)	0.15	0.53				
Sulfate	13.0	30.00	8.53	31.80	32.00				
Alkalinity	1,000.0	190.00	570.00	170.00	150.00				
TDS	960.0	250.00	520.00	225.00	470.00				
Hardness	177.9	68.26	121.75	76.50	57.30				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	0.27 J	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	0.9 J	1.7 J	ND(0.47)	1.90 J	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	0.20 J	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	0.46 J	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	129 J	ND(5.31)	48.0 J	ND(200.0)	18.0				
Arsenic	**28.50**	**34.8**	**36.0**	**59.0**	**45.0**				
Cadmium	1.710 J	ND(0.327)	ND(0.52)	ND(5.0)	ND(1.0)				
Calcium	16,900.0	14,800.0	16,700.0	17,000.0	14,000.0				
Chromium	2.030 J	9.02 J	5.8 J	3.0 J	ND(1.0)				
Iron	**9210**	**5,290.0**	**13,100.0**	**7,500.0**	**5,530.0**				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	11,200.0	15,400.0	11,400.0	16,500.0	12,000.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	44300	85,000.0	29,900.0	70,700.0	57,700.0				
Sodium	**60,000.0**	**169,000.0**	**49,600.0**	**118,000.0**	**105,000.0**				
Leachate Indicators (mg/l)									
Ammonia	0.47	**53.00**	**26.00**	**79.800**	**77.000**				
Bicarbonate	270.0	660.00	ND(2.000)	669.00	610.00				
Chloride	36.0	92.00	29.00	93.70	67.00				
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.10)	ND(0.05)				
Sulfate	44.0	8.79	33.00	7.10	10.00				
Alkalinity	270.0	660.00	210.00	669.00	610.00				
TDS	330.0	630.00	260.00	613.00	170.00				
Hardness	88.2	100.42	88.45	110.00	84.40				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	0.8 J	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	97.0 J	ND(5.31)	ND(7.6)	ND(200.0)	30.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	ND(10.0)	ND(4.0)				
Cadmium	0.910 J	ND(0.327)	0.64 J	ND(5.0)	ND(1.0)				
Calcium	24,500.0	24,600.0	25,200.0	18,100.0	17,400.0				
Chromium	ND(0.343)	ND(0.343)	20.4	ND(10.0)	ND(1.0)				
Iron	150	ND(27.0)	72.2 J	72.0 J	74.0				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	8,680.0	9,520.0	10,600.0	7,000.0	6,440.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	10900	8,080.0	8,590.0	6,700.0	7,680.0				
Sodium	**21,100.0**	19,400.0	**22,700.0**	**20,300.0**	**23,400.0**				
Leachate Indicators (mg/l)									
Ammonia	**34.0**	ND(0.20)	0.33	0.090	0.410				
Bicarbonate	58.0	71.00	ND(2.000)	50.40	38.00				
Chloride	27.0	31.00	27.00	30.60	48.00				
Nitrate	ND(0.50)	1.67	1.22	1.00	1.90				
Sulfate	65.0	64.00	32.00	37.10	26.00				
Alkalinity	58.0	71.00	63.00	50.40	38.00				
TDS	190.0	250.00	170.00	175.00	46.00				
Hardness	96.9	100.53	106.71	74.00	70.00				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Aluminum	488.0	ND(5.31)	652.0	300.0	125.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	5.4 J	ND(4.0)				
Cadmium	3.69 J	ND(0.327)	**7.5**	2.3 J	**7.0**				
Calcium	12,500.0	5,130.0	17,400.0	11,500.0	7,930.0				
Chromium	15.7	1.31 J	20.4	11.0	3.0				
Iron	**2,850.0**	**582.0**	**3,490.0**	**1,700.0**	**862.0**				
Lead	**42.3**	ND(2.18)	**205.0**	**55.0**	7.0				
Magnesium	3,780.0 J	557.0 J	6,340.0	3,100.0 J	1,210.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	7,250.0	1,790.0 J	5,980.0	4,000.0 J	4,960.0				
Sodium	7,620.0	ND(332)	11,400.0	6,100.0	4,740.0				
Leachate Indicators (mg/l)									
Ammonia	0.23	ND(0.20)	ND(0.200)	0.047	0.070				
Bicarbonate	50.0	21.00	ND(2.000)	40.20	40.00				
Chloride	14.0	4.02	11.00	9.00	4.30				
Nitrate	ND(0.50)	ND(0.50)	0.61	0.78	1.10				
Sulfate	14.00	3.28	11.00	7.40	3.70				
Alkalinity	50.0	21.00	44.00	40.20	40.00				
TDS	120.0	33.00	81.00	71.00	170.00				
Hardness	46.7	15.10	69.58	41.50	24.80				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	1.1 J	1.10 J	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	0.6 J	ND(0.18)	ND(0.18)	0.41 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	0.8 J	ND(0.17)	ND(0.17)	1.20 J	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	0.36 J	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Aluminum	89.4 J	ND(5.31)	ND(7.6)	ND(200.0)	28.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	8.8 J	ND(4.0)				
Cadmium	ND(0.327)	ND(0.327)	ND(0.52)	ND(5.0)	ND(1.0)				
Calcium	22,000.0	25,200.0	29,600.0	25,800.0	24,900.0				
Chromium	1.79 J	50.2	7.4 J	2.6 J	2.0				
Iron	ND(27.0)	261.0	ND(30.4)	47.0 J	34.0				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	8,700.0	10,100.0	13,100.0	9,900.0	9,590.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	1,430.0 J	995.0 J	206.0 J	1,100.0 J	1,500.0				
Sodium	11,600.0	12,800.0	16,200.0	12,100.0	13,600.0				
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.31	ND(0.200)	0.019 J	0.020				
Bicarbonate	37.0	39.00	ND(2.000)	38.20	44.00				
Chloride	23.0	24.00	24.00	22.80	21.00				
Nitrate	7.10	7.44	7.43	7.30	7.10				
Sulfate	33.0	11.00	33.00	35.90	33.00				
Alkalinity	37.0	39.00	39.00	38.20	44.00				
TDS	160.0	180.00	180.00	192.00	180.00				
Hardness	90.8	104.76	127.97	105.00	102.00				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	0.48 JB	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	1.7 J	ND(0.33)	1.4 J	1.00 J	ND(5.00)				
1,1-Dichloroethane	1.9 J	ND(0.28)	1.8 J	1.60 J	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	1.2 J	0.7 J	ND(0.18)	0.97 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	2.9 J	1.9 J	2.6 J	3.00 J	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	0.87 J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	93.1 J	ND(5.31)	ND(7.6)	ND(200.0)	30.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	ND(10.0)	ND(4.0)				
Cadmium	0.51 J	ND(0.327)	1.2 J	ND(5.0)	ND(1.0)				
Calcium	23,300.0	20,600.0	25,600.0	24,200.0	23,200.0				
Chromium	1.56 J	6.77 J	21.1	1.9 J	2.0				
Iron	ND(27.0)	ND(27.0)	52.5 J	ND(100.0)	28.0				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	8,580.0	7,770.0	10,200.0	9,200.0	8,550.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	1,420.0 J	1,690.0 J	542.0 J	1,200.0 J	1,430.0				
Sodium	17,000.0	19,200.0	18,700.0	17,800.0	18,600.0				
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.20)	ND(0.200)	ND(0.040)	0.030				
Bicarbonate	28.0	29.00	ND(2.000)	28.40	32.00				
Chloride	33.0	29.00	29.00	26.20	24.00				
Nitrate	8.66	8.76	8.96	8.50	9.20				
Sulfate	42.0	41.00	43.00	40.10	41.00				
Alkalinity	28.0	29.00	30.00	28.40	32.00				
TDS	190.0	220.00	210.00	193.00	140.00				
Hardness	93.6	83.52	106.03	98.10	93.10				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	1.1 J	ND(0.18)	ND(0.18)	0.58 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	0.5 J	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	0.59 J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	137.0 J	ND(5.31)	ND(7.6)	ND(200.0)	23.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	ND(10.0)	ND(4.0)				
Cadmium	0.6 J	ND(0.327)	1.2 J	ND(5.0)	ND(1.0)				
Calcium	11,800.0	9,920.0	13,400.0	11,700.0	11,400.0				
Chromium	4.33 J	15.8	10.6	6.1 J	2.0				
Iron	111.0	ND(27.0)	71.6 J	68.0 J	44.0				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	5,330.0	4,620.0 J	6,580.0	5,500.0	5,150.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	1,610.0 J	1,710.0 J	1120.0 J	1,400.0 J	1,740.0				
Sodium	**26,400.0**	**26,900.0**	**27,500.0**	**23,100.0**	**24,200.0**				
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.40	ND(0.200)	0.016 J	ND(0.020)				
Bicarbonate	15.0	17.00	ND(2.000)	14.70	ND(20.00)				
Chloride	54.0	34.00	40.00	37.10	35.00				
Nitrate	5.62	5.35	4.95	5.20	6.10				
Sulfate	21.0	22.00	18.00	19.70	24.00				
Alkalinity	15.0	17.00	18.00	14.70	ND(20.00)				
TDS	180.0	140.00	150.00	134.00	160.00				
Hardness	51.4	43.81	60.58	51.70	49.70				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	1.3 J	ND(0.28)	ND(0.28)	0.91 J	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	0.17 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	**1.5 J**	0.9 J	1.1 J	1.10 J	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	4.9 J	2.4 J	4.2 J	**6.90**	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	100.0 J	ND(5.31)	ND(7.6)	ND(200.0)	66.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	ND(10.0)	ND(4.0)				
Cadmium	1.02 J	ND(0.327)	2.0 J	ND(5.0)	ND(1.0)				
Calcium	71,700.0	50,100.0	79,500.0	64,900.0	59,700.0				
Chromium	1.54 J	2.57 J	14.1	ND(10.0)	**52.0**				
Iron	ND(27.0)	ND(27.0)	ND(30.4)	ND(100.0)	259.0				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	19,800.0	17,500.0	26,300.0	19,700.0	18,100.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	4,480.0 J	3,210.0 J	3820.0 J	3,300.0 J	3,520.0				
Sodium	**58,000.0**	**46,300.0**	**65,200.0**	**48,200.0**	**47,800.0**				
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.35	ND(0.200)	0.015 J	ND(0.020)				
Bicarbonate	130.0	120.00	ND(2.000)	120.00	150.00				
Chloride	110.0	67.00	99.00	95.50	88.00				
Nitrate	6.28	9.07	6.75	5.90	6.60				
Sulfate	91.0	65.00	79.00	81.40	72.00				
Alkalinity	130.0	120.00	120.00	120.00	150.00				
TDS	500.0	370.00	460.00	415.00	360.00				
Hardness	260.5	197.23	306.94	243.00	224.00				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	**3.8 J**	1.0 J	ND(0.62)	1.10 J	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	2.7 J	ND(0.28)	1.8 J	1.50 J	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	**5.8**	**5.7**	**7.8**	**8.90**	ND(5.00)				
Benzene	0.9 J	ND(0.35)	ND(0.35)	0.56 J	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	**10.0**	ND(0.74)	2.3 J	0.91 J	**5.3**				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	1.8 J	1.4 J	1.3 J	1.60 J	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	0.9 J	0.8 J	ND(0.67)	0.55 J	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	**3.4 J**	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	**3.2 J**	2.9 J	2.7 J	1.70 J	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	109.0 J	ND(5.31)	12.5 J	ND(200.0)	154.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	ND(10.0)	ND(4.0)				
Cadmium	0.41 J	ND(0.327)	0.98 J	ND(5.0)	ND(1.0)				
Calcium	95,600.0	90,200.0	127,000.0	116,000.0	125,000.0				
Chromium	ND(0.343)	**98.8**	12.7	ND(10.0)	ND(1.0)				
Iron	40.9 J	**352.0**	102.0	120.0	204.0				
Lead	2.610 J	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	**40,900.0**	**39,300.0**	**57,900.0**	**50,500.0**	**52,300.0**				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.4)				
Potassium	6,040.0	5,170.0	5000.0 J	5,200.0	5,510.0				
Sodium	**301,000.0**	**266,000.0**	**300,000.0**	**173,000.0**	**228,000.0**				
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	ND(0.20)	ND(0.200)	0.045	0.120				
Bicarbonate	430.0	480.00	ND(2.000)	515.00	650.00				
Chloride	**280.0**	**280.00**	**270.00**	239.00	**280.00**				
Nitrate	ND(0.50)	ND(0.50)	ND(0.50)	ND(0.10)	ND(0.05)				
Sulfate	160.0	130.00	110.00	104.00	120.00				
Alkalinity	430.0	480.00	510.00	515.00	650.00				
TDS	1,100.0	1,100.00	1,100.00	1,090.00	1,100.00				
Hardness	407.2	387.02	555.41	498.00	527.00				

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	7/9/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/9/07	11/30/07				
Aluminum	94.1 J	ND(5.31)	ND(7.6)	ND(200.0)	109.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	ND(10.0)	ND(4.0)				
Cadmium	ND(0.327)	ND(0.327)	1.2 J	ND(5.0)	ND(1.0)				
Calcium	23,400.0	21,000.0	24,600.0	29,700.0	32,100.0				
Chromium	0.86 J	9.89 J	11.6	ND(10.0)	ND(1.0)				
Iron	ND(27.0)	ND(27.0)	ND(30.4)	ND(100.0)	165.0				
Lead	ND(2.18)	ND(2.18)	ND(1.6)	ND(3.0)	ND(1.0)				
Magnesium	10,300.0	10,200.0	12,800.0	14,100.0	14,300.0				
Mercury	ND(0.03)	ND(0.03)	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	2,030.0 J	1,480.0 J	956.0 J	2,100.0 J	2,790.0				
Sodium	**31,400.0**	**28,600.0**	**29,700.0**	**31,600.0**	**52,700.0**				
Leachate Indicators (mg/l)									
Ammonia	ND(0.2)	0.49	ND(0.200)	ND(0.040)	ND(0.020)				
Bicarbonate	36.0	38.00	ND(2.000)	35.40	48.00				
Chloride	98.0	68.00	66.00	112.00	130.00				
Nitrate	0.78	ND(0.50)	ND(0.50)	0.62	0.71				
Sulfate	19.0	19.00	21.00	16.00	15.00				
Alkalinity	36.0	38.00	36.00	35.40	48.00				
TDS	260.0	230.00	240.00	302.00	300.00				
Hardness	100.9	94.39	114.03	132.00	139.00				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
* 1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	0.14 J	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.65)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Aluminum	1,580.0	10,900.0	321.0	380.0	273.0				
Arsenic	ND(3.32)	ND(3.32)	ND(4.1)	4.5 J	ND(4.0)				
Cadmium	ND(0.327)	ND(0.327)	ND(0.52)	ND(5.0)	ND(1.0)				
Calcium	8,450.0	5,340.0	1460.0 J	1,200.0 J	1,350.0				
Chromium	8.460 J	34.6	8.7 J	1.9 J	6.0				
Iron	**1,170.0**	**10,800.0**	**437.0**	**400.0**	**1,500.0**				
Lead	**69.8**	**285.0**	16.2	15.0	13.0				
Magnesium	2,660.0 J	2,150.0 J	582.0 J	400.0 J	426.0				
Mercury	ND(0.03)	0.11 J	ND(0.1800)	ND(0.2)	ND(0.2)				
Potassium	2,880.0 J	2,320.0 J	1,250.0 J	840.0 J	3,570.0				
Sodium	5,020.0	3,480.0 J	ND(215.0)	1,200.0 J	1,580.0				
Leachate Indicators (mg/l)									
Ammonia	0.45	ND(0.20)	0.45	0.070	0.030				
Bicarbonate	21.0	12.00	ND(2.000)	3.10	ND(20.00)				
Chloride	9.2	4.57	2.86	2.00	ND(3.00)				
Nitrate	0.83	ND(0.50)	ND(0.50)	0.27	ND(0.05)				
Sulfate	14.0	4.02	ND(1.000)	1.80	ND(3.00)				
Alkalinity	21.0	12.00	9.44	3.10	ND(20.00)				
TDS	90.0	38.00	21.00	14.00	21.00				
Hardness	32.0	22.18	6.04	4.70	5.13				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	0.17 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	2.1 J	ND(0.74)	1.7 J	2.60 J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	0.23	ND(0.20)	0.2	0.074	0.160				
Bicarbonate	34.0	33.0	34.0	32.70	38.00				
Chloride	53.0	51.0	49.0	49.20	48.00				
Nitrate	2.36	2.12	2.73	2.30	3.00				
Sulfate	22.0	23.0	20.0	19.20	20.00				
Alkalinity	34.0	33.0	34.0	32.70	38.00				
TDS	150.0	160.0	190.0	195.00	160.00				
Hardness	67.2	56.2	75.8	70.90	74.60				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	2.0 J	0.9 J	2.3 J	130. J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	ND(0.20)	0.221	0.2	0.049	0.110				
Bicarbonate	64.0	62.0	61.0	62.00	76.00				
Chloride	74.0	71.0	69.0	67.70	69.00				
Nitrate	2.09	0.771	1.73	0.64	1.90				
Sulfate	44.0	37.0	37.0	31.80	38.00				
Alkalinity	64.0	62.0	61.0	62.00	76.00				
TDS	240.0	240.0	190.0	251.00	250.00				
Hardness	116.3	97.9	105.2	114.00	126.00				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	0.6 J	ND(0.18)	ND(0.18)	0.45 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	0.34 J	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	0.14 J	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	2.1 J	ND(0.74)	2.2 J	2.90 J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	ND(0.20)	0.22	0.2	0.019 J	0.049				
Bicarbonate	25.0	26.0	26.0	23.80	38.00				
Chloride	35.0	37.0	38.0	42.00	44.00				
Nitrate	4.14	ND(0.50)	3.8	3.50	3.70				
Sulfate	19.0	20.0	20.0	18.80	22.00				
Alkalinity	25.0	26.0	26.0	23.80	38.00				
TDS	110.0	170.0	170.0	180.00	160.00				
Hardness	59.7	54.5	72.6	68.40	77.20				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	0.18 J	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	0.14 J	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	1.7 J	1.1 J	1.4 J	2.60 J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	0.29	ND(0.20)	0.2	0.054	0.160				
Bicarbonate	39.0	32.0	34.0	33.20	42.00				
Chloride	61.0	53.0	51.0	50.10	49.00				
Nitrate	2.12	2.16	2.7	2.30	3.00				
Sulfate	20.0	26.0	22.0	19.20	21.00				
Alkalinity	39.0	32.0	34.0	33.20	42.00				
TDS	210.0	180.0	260.0	199.00	160.00				
Hardness	75.5	49.9	74.2	69.70	72.90				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	0.37 J	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	0.32 J	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	0.90 J	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	ND(0.20)	0.223	0.2	0.150	0.070				
Bicarbonate	59.0	41.0	50.0	62.10	84.00				
Chloride	120.0	64.0	64.0	77.00	100.00				
Nitrate	3.57	1.87	2.09	1.20	2.90				
Sulfate	34.0	32.0	26.0	25.00	34.00				
Alkalinity	59.0	41.0	50.0	62.10	84.00				
TDS	320.0	220.0	240.0	274.00	300.00				
Hardness	132.9	72.9	106.6	111.00	142.00				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	ND(0.20)	0.219	0.5	0.098	0.320				
Bicarbonate	45.0	58.0	55.0	57.30	67.00				
Chloride	60.0	94.0	74.0	73.70	63.00				
Nitrate	ND(0.500)	ND(0.50)	1.18	0.57	2.00				
Sulfate	24.0	23.0	18.0	17.60	21.00				
Alkalinity	45.0	58.0	55.0	57.30	67.00				
TDS	190.0	13,000.0	230.0	218.00	180.00				
Hardness	80.6	63.0	83.5	78.30	75.50				

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	7/10/07	11/30/07				
Chloromethane	ND(0.45)	ND(0.45)	ND(0.45)	ND(10.00)	ND(5.00)				
Bromomethane	ND(1.3)	ND(1.3)	ND(1.3)	ND(10.00)	ND(5.00)				
Vinyl Chloride	ND(0.62)	ND(0.62)	ND(0.62)	ND(10.00)	ND(5.00)				
Chloroethane	ND(1.1)	ND(1.1)	ND(1.1)	ND(10.00)	ND(5.00)				
Methylene Chloride	ND(0.98)	ND(0.98)	ND(0.98)	ND(5.00)	ND(5.00)				
Trichloroflouromethane	ND(0.58)	ND(0.58)	ND(0.58)	ND(10.00)	ND(5.00)				
1,1-Dichloroethene	ND(0.33)	ND(0.33)	ND(0.33)	ND(5.00)	ND(5.00)				
1,1-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
*1,2-Dichloroethene, Total	ND(0.40)	ND(0.40)	ND(0.40)	ND(5.00)	ND(5.00)				
Chloroform	ND(0.18)	ND(0.18)	ND(0.18)	ND(5.00)	ND(5.00)				
1,2-Dichloroethane	ND(0.28)	ND(0.28)	ND(0.28)	ND(5.00)	ND(5.00)				
1,1,1-Trichloroethane	ND(0.17)	ND(0.17)	ND(0.17)	ND(5.00)	ND(5.00)				
Carbon Tetrachloride	ND(0.34)	ND(0.34)	ND(0.34)	ND(5.00)	ND(5.00)				
Bromodichloromethane	ND(0.30)	ND(0.30)	ND(0.30)	ND(5.00)	ND(5.00)				
1,2-Dichloropropane	ND(0.27)	ND(0.27)	ND(0.27)	ND(5.00)	ND(5.00)				
cis-1,3-Dichloropropene	ND(0.26)	ND(0.26)	ND(0.26)	ND(5.00)	ND(5.00)				
Trichloroethene	ND(0.59)	ND(0.59)	ND(0.59)	ND(5.00)	ND(5.00)				
Benzene	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Dibromochloromethane	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
trans-1,3-Dichloropropene	ND(0.29)	ND(0.29)	ND(0.29)	ND(5.00)	ND(5.00)				
1,1,2-Trichloroethane	ND(0.36)	ND(0.36)	ND(0.36)	ND(5.00)	ND(5.00)				
2-Chloroethylvinyl Ether	ND(6.2)	ND(6.2)	ND(6.2)	ND(10.00)	ND(5.00)				
Bromoform	ND(0.22)	ND(0.22)	ND(0.22)	ND(5.00)	ND(5.00)				
1,1,2,2-Tetrachloroethane	ND(0.35)	ND(0.35)	ND(0.35)	ND(5.00)	ND(5.00)				
Tetrachloroethene	ND(0.74)	ND(0.74)	ND(0.74)	ND(5.00)	ND(5.00)				
Toluene	ND(0.38)	ND(0.38)	ND(0.38)	ND(5.00)	ND(5.00)				
Chlorobenzene	ND(0.47)	ND(0.47)	ND(0.47)	ND(5.00)	ND(5.00)				
Ethylbenzene	ND(0.50)	ND(0.50)	ND(0.50)	ND(5.00)	ND(5.00)				
1,2-Dichlorobenzene	ND(0.67)	ND(0.67)	ND(0.67)	ND(5.00)	ND(5.00)				
1,3-Dichlorobenzene	ND(0.65)	ND(0.35)	ND(0.65)	ND(5.00)	ND(5.00)				
1,4-Dichlorobenzene	ND(0.79)	ND(0.79)	ND(0.79)	ND(5.00)	ND(5.00)				

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	7/10/07	11/30/07				
Ammonia	ND(0.20)	0.635	ND(0.200)	0.097	0.130				
Bicarbonate	65.0	26.0	60.0	53.20	76.00				
Chloride	**2,600.0**	**2,500.0**	**1,400.0**	**1,460.00**	**4,500.00**				
Nitrate	ND(0.500)	ND(0.50)	0.71	0.44	0.94				
Sulfate	**350.0**	**370.0**	220.0	**199.00**	**390.00**				
Alkalinity	35.0	26.0	60.0	53.20	76.00				
TDS	2,600.0	5,100.0	2,800.0	2,800.00	7,100.00				
Hardness	778.1	691.9	608.1	478.00	1,470.00				

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"

PHOENIX
Environmental Laboratories, Inc.

Thursday, January 24, 2008

Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Client ID: EAST NORTHPORT GROUND WATER
Sample ID#s: AJ78876 - AJ78889

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007
NJ Lab Registration #CT-003
PA Lab Registration #68-03530

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 ▪ Fax (860) 645-0823

PHOENIX
Environmental Laboratories, Inc.

Thursday, January 24, 2008

Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Client ID: EAST NORTHPORT SURFACE WATER
Sample ID#s: AJ78867 - AJ78875

This laboratory is in compliance with the QA/QC procedures outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, SW846 QA/QC and NELAC requirements of procedures used.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

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MA Lab Registration #MA-CT-007
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RI Lab Registration #63
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PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008 **SDG I.D.: GAJ78876**

R&C Formations LTD EAST NORTHPORT GROUND WATER

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8260B.

Metals (Aqueous Package)

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, ICP Method SW6010B.
Graphite Furnace Methods: Lead -SW-7421, Thallium - SW7841

Inorganic Package

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III

Standard Methods

Mercury

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method SW-7470 and/or SW-7471.

Mercury Prep

Soil Sample - USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 7471.

PHOENIX

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008

SDG I.D.: GAJ78876

R&C Formations LTD EAST NORTHPORT GROUND WATER

Sample Id Cross Reference

Client Id	Lab Id	Matrix
CW-1S	AJ78876	GROUND W
CW1-M	AJ78877	GROUND W
CW2-M	AJ78878	GROUND W
CW4-S	AJ78879	GROUND W
CW4-M	AJ78880	GROUND W
EN1-M	AJ78881	GROUND W
EN6-S	AJ78882	GROUND W
EN6-M	AJ78883	GROUND W
EN7-M	AJ78884	GROUND W
EN9-M	AJ78885	GROUND W
EN10-M	AJ78886	GROUND W
GW-DUP	AJ78887	GROUND W
TB 11-29	AJ78888	GROUND W
FB 11-30	AJ78889	GROUND W

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008 **SDG I.D.: GAJ78867**

R&C Formations LTD EAST NORTHPORT SURFACE WATER

Methodology Summary

Volatile Organic Compounds:

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III, Method 8260B.

Metals (Aqueous Package)

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III,
ICP Method SW6010B.
Graphite Furnace Methods: Lead -SW-7421, Thallium - SW7841

Inorganic Package

USEPA SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods Update III

Standard Methods

Sample Id Cross Reference

Client Id	Lab Id	Matrix
SW-1	AJ78867	SURFACE
SW-2	AJ78868	SURFACE
SW-3	AJ78869	SURFACE
SW-4	AJ78870	SURFACE
SW-5	AJ78871	SURFACE
SW-6	AJ78872	SURFACE
SW-7	AJ78873	SURFACE
SW-B	AJ78874	SURFACE
TB-SW	AJ78875	SURFACE

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008 SDG I.D.: GAJ78876

R&C Formations LTD EAST NORTHPORT GROUND WATER

SDG Comments

Calcium and magnesium are reported in this data package because they are used to calculate hardness.

The sodium was run at dilutions in a separate analytical sequence.

The initial analytical sequence for the trace metals showed sodium present in several of the continuing calibration blanks and the preparation blank.

The matrix spike recovery for aluminum was above the upper range.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008 **SDG I.D.: GAJ78876**

EAST NORTHPORT GROUND WATER R&C Formations LTD

Conformance / Non-Conformance Summary

Volatile Organic Compounds:

Form 2: All surrogate recoveries met criteria.

Form3: Lab Control Sample/Lab Control Sample Duplicate(LCS/LCSD) and Matrix Spike/Matrix Spike Duplicate(MS/MSD):
LCS/LCSD: All compounds are within 70-130% for LCS/LCSD 01(12/02/07). >90% of target compounds met criteria of 70-130% recoveries for LCS/LCSD 02(12/03/07). Chloroethane had recovery of 48% in LCS 02. All compounds are within 70-130% for LCS/LCSD 01(12/07/07).
MS/MSD: All comounds met criteria of 70-130% recovery for AJ78869 MS/MSD. >90% of target compounds met criteria of 70-130% recoveries for EN7-M MS/MSD. Chloroethane had recoveries of 44% in the MS and 48% in the MSD. >90% of target compounds met criteria of 70-130% recoveries for BATCH QC MS/MSD 01. Bromomethane had 68% recovery and Chloroethane had 60% recovery in the MS.

Form 5: BFB Tune passed criteria. All samples were analyzed within 12 hours of its injection.

Form 6: Initial calibration analyzed on 12/02/07 met SW-846/8260 criteria for all system monitoring compounds (CCC and SPCC). Chloroethane had %RSD 40.5%. All other target compounds met criteria. Initial calibration analyzed on 12/07/07 met SW-846/8260 criteria for all system monitoring compounds (CCC and SPCC). Chloroethane had %RSD 39.7%. All other target compounds met criteria.

Form 7: Continuing calibration met SW-846/8260 criteria for all system monitoring compounds (CCC and SPCC). All target compounds met criteria.

Form 8: All internal standard areas and retention times met criteria.

Observations:
Methylene chloride and toluene were laboratory contaminants at the time of analysis. Low levels were detected in the blanks and samples, below the reporting level, but greater than the method detection level. These compounds are flagged with a JS.
The compound 2-chloroethyl vinyl ether was not calibrated using a five point calibration curve. Due to software limitations this compound is not reported on the form ones.

Johanna Harrington
Project Manager

Date 1/23/2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008 **SDG I.D.: GAJ78867**

R&C Formations LTD EAST NORTHPORT SURFACE WATER

SDG Comments

Calcium and magnesium are reported in this data package because they are used to calculate hardness.

Some of the method blanks have low level concentrations of ammonia.

The matrix spike for hardness is below the lower range because of the background concentration of calcium and magnesium relative to the concentration of the spike.

The RPD for the duplicate ammonia analysis was outside of the control limit due to the low concentration of the analyte.

PHOENIX

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

ENHANCED DELIVERABLES FORMAT

January 23, 2008 **SDG I.D.: GAJ78867**

EAST NORTHPORT SURFACE WATER R&C Formations LTD

Conformance / Non-Conformance Summary

Volatile Organic Compounds:

Form 2: All surrogate recoveries met criteria.

Form3: Matrix Spike/Matrix Spike Duplicate(MS/MSD) and Lab Control Sample/Lab Control Sample Duplicate(LCS/LCSD): Criteria: 90% of compounds are within 70-130 for LCS/LCSD and MS/MSD.

Form 5: BFB Tune passed criteria. All samples were analyzed within 12 hours of its injection.

Form 6: Initial calibration met SW-846/8260 criteria for all system monitoring compounds (CCC and SPCC). Chloroethane had %RSD 40.5%. All other target compounds met criteria.

Form 8: All internal standard areas and retention times met criteria.

Observations:
Toluene was a laboratory contaminant at the time of analysis. Low levels were detected in the blanks and samples, below the reporting level, but greater than the method detection level. These compounds are flagged with a JS.
The compound 2-chloroethyl vinyl ether was not calibrated using a five point calibration curve. Due to software limitations this compound is not reported on the form ones.

Johanna Harrington
Project Manager

Date 1/23/2008

PHOENIX
Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 1 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: R+C FORMATION, LTD
Address: 705 BELFORD AVE, SUITE 3B
BELLMORE, NY 11710

Project: EAST NORTHPORT – GROUND WATER
Report to: BOB CASSON
Invoice to:

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] 11/30/07 Date

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOA (EPA 624)	METALS *	LEACHATE INS **	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [✓] 500ml [ ] 1000ml	PL H2SO4 [✓] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
78876	CW-15	GW	11/30/07	1223	✓	✓	✓				3		2	1	1		
78877	CW1-M		⊥	1202	✓	✓	✓										
78878	CW2-M		11/29/07	1430	✓	✓	✓										
78879	CW4-S			0914	✓	✓	✓										
78880	CW4-M			0850	✓	✓	✓										
78881	EN1-M			1513	✓	✓	✓										
78882	EN6-S			1349	✓	✓	✓										
78883	EN6-M			1327	✓	✓	✓										
78884	EN7-M			1242	✓	✓	✓										
	EN7-M(MS)				✓	✓	✓										
	EN7-M(MSD)			⊥	✓	✓	✓										
78885	EN9-M	⊥	⊥	1145	✓	✓	✓				⊥		⊥	⊥	⊥		

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11-30-07	2:15
	[signature]	11-30-07	18:00

Comments, Special Requirements or Regulations:
* = Al, As, Pb, Mg, Cr, Cd, Ca, Fe, Hg, K, Na
** = ALK, BICARB, AMMONIA, NITRATE, CHLORIDE, TDS
HARDNESS, SULFATE

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☑ ASP-~~A~~ B
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: NY

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 2 of 2

Data Delivery:
☐ Fax #:
☐ Email:

Customer: R+C FORMATION LTD
Address: 705 BEDFORD AVE, SUITE 4B
BELLMORE, NY 11710

Project: EAST NORTHPORT - GROUND WATER
Report to: BOB CASTON
Invoice to: —

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] 11/30/07 Date

Matrix Code:
DW=drinking water WW=wastewater S=soil/solid O=other
GW=groundwater SL=sludge A=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOA (EPA 624)	METALS *	LEACHATE INDS **	Soil VOA [ ] Methanol [ ] S. Bisulfate [ ] H20	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [✓] 250ml [ ] 500ml [✓] 1000ml	PL H2SO4 [✓] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
78886	ENTO-M	GW	11/29/07	1041	✓	✓	✓				3		2	1	1		
78887	GW-Dup	↓	↓	0000	✓	✓	✓				↓		↓	↓	↓		
78888	TB 11-29	↓	↓	–	✓	✓	✓				↓		↓	↓	↓		
78889	FB 11-30	↓	11/30/07	1215	✓						↓						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11/30/07	1415
	[signature]	11/30/07	18:00

Comments, Special Requirements or Regulations:
* = Al, As, Pb, Mg, Cr, Cd, Ca, Fe, Hg, K, Na
** = Alk, Bicarb, Ammonia, Nitrate, Chloride, TDS
Hardness, Sulfate

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ Standard
☐ Other

* SURCHARGE APPLIES

CT/RI
☐ RCP Cert.
☐ GW Protect.
☐ GA Mobility
☐ GB Mobility
☐ SW Protect.
☐ Res. Vol.
☐ Ind. Vol.
☐ Res. Criteria
☐ Other

MA
☐ MCP Cert.
☐ GW-1
☐ GW-2
☐ GW-3
☐ S-1
☐ S-2
☐ S-3
☐ MWRA eSMART
☐ Other

Data Format
☐ Excel
☐ PDF
☐ GIS/Key
☐ EQuIS
☐ Other

Data Package
☑ ASP-~~A~~ B
☐ NJ Reduced Deliv. *
☐ NJ Hazsite EDD
☐ Phoenix Std Report
☐ Other

State where samples were collected: NY

PHOENIX Environmental Laboratories, Inc.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-8726

Temp 6°C Pg 1 of 1

Data Delivery:
- [ ] Fax #:
- [ ] Email:

Customer: R+C FORMATION LTD
Address: 705 BEDFORD AVE, SUITE 2B
BELLMORE, NY 11710

Project: EAST NORTHPORT – SURFACE WATER
Report to: BOB CASSON
Invoice to: —

Project P.O:
Phone #:
Fax #:

Client Sample - Information - Identification

Sampler's Signature: [signature] 11/30/07 Date

Matrix Code:
DW=drinking water **WW**=wastewater **S**=soil/solid **O**=other
GW=groundwater **SL**=sludge **A**=air

Analysis Request

Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	TCL VOC (624)	LEAD (624 INDICATOR)	Soil VOA [ ] Methanol [ ]	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [✓] HCl	GL Amber 1000ml [ ] As is [ ] H2SO4	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H2SO4 [ ] 250ml [ ] 500ml	PL HNO3 250ml	PL NaOH 250ml	Bacteria Bottle
78867	SW-1	GW	11/30/07	750	X	X				3						
78868	SW-2			830	X	X										
78869	SW-3			815	X	X										
	SW-3(MS)				X	X										
	SW-3(MSD)				X	X										
78870	SW-4			800	X	X										
78871	SW-5			855	X	X										
78872	SW-6			845	X	X										
78873	SW-7			910	X	X										
78874	SW-B				X	X										
78875	TB-SW				X					2						

Relinquished by:	Accepted by:	Date:	Time:
[signature]	[signature]	11-30-07	2:15
	[signature]	11-30-07	18:00

Comments, Special Requirements or Regulations:
* ALKALINITY/BICARBONATE, AMMONIA, NITRATE, CHLORIDE, TDS, HARDNESS, SULFATE

Turnaround:
- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] Standard
- [ ] Other

* SURCHARGE APPLIES

CT/RI
- [ ] RCP Cert.
- [ ] GW Protect.
- [ ] GA Mobility
- [ ] GB Mobility
- [ ] SW Protect.
- [ ] Res. Vol.
- [ ] Ind. Vol.
- [ ] Res. Criteria
- [ ] Other

MA
- [ ] MCP Cert.
- [ ] GW-1
- [ ] GW-2
- [ ] GW-3
- [ ] S-1
- [ ] S-2
- [ ] S-3
- [ ] MWRA eSMART
- [ ] Other

Data Format
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EQuIS
- [ ] Other

Data Package
- [✓] ASP-A/B
- [ ] NJ Reduced Deliv. *
- [ ] NJ Hazsite EDD
- [ ] Phoenix Std Report
- [ ] Other

State where samples were collected: NY

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/30/07	12:23
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78876

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER CW-1S

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.051	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	0.029	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	12.4	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	14.4	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	57.3	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	19.7	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	6.4	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	26.9	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	150	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	150	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	18	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	16	0.04	mg/L	12/04/07		WM	350.1
Nitrate as Nitrogen	0.53	0.050	mg/L	12/01/07	6:01	M/E	300.0/9056
Sulfate	32	3	mg/L	12/01/07	6:01	M/E	300.0
Tot. Diss. Solids	470	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/08/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER CW-1S **Phoenix I.D.: AJ78876**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/08/07		R/J	E624
Benzene	ND		5	ug/L	12/08/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/08/07		R/J	E624
Bromoform	ND		5	ug/L	12/08/07		R/J	E624
Bromomethane	ND		5	ug/L	12/08/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/08/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
Chloroethane	ND		5	ug/L	12/08/07		R/J	E624
Chloroform	ND		5	ug/L	12/08/07		R/J	E624
Chloromethane	ND		5	ug/L	12/08/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/08/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/08/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/08/07		R/J	E624
Methylene chloride	1.6	JS	5	ug/L	12/08/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/08/07		R/J	E624
Toluene	2.5	JS	5	ug/L	12/08/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/08/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/08/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/08/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/08/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/08/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	99			%	12/08/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/30/07	12:02
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78877

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER CW1-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.018	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	0.045	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	14	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	5.53	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	84.4	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	57.7	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	12	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	105	1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	610	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	610	10	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	67	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	77	0.5	mg/L	12/04/07		WM	350.1
Nitrate as Nitrogen	< 0.050	0.050	mg/L	12/01/07	6:11	M/E	300.0/9056
Sulfate	10	3	mg/L	12/01/07	6:11	M/E	300.0
Tot. Diss. Solids	170	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/08/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER CW1-M **Phoenix I.D.: AJ78877**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/08/07		R/J	E624
Benzene	ND		5	ug/L	12/08/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/08/07		R/J	E624
Bromoform	ND		5	ug/L	12/08/07		R/J	E624
Bromomethane	ND		5	ug/L	12/08/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/08/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
Chloroethane	ND		5	ug/L	12/08/07		R/J	E624
Chloroform	ND		5	ug/L	12/08/07		R/J	E624
Chloromethane	ND		5	ug/L	12/08/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/08/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/08/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/08/07		R/J	E624
Methylene chloride	1.5	JS	5	ug/L	12/08/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/08/07		R/J	E624
Toluene	2.5	JS	5	ug/L	12/08/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/08/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/08/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/08/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/08/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/08/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	99			%	12/08/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	14:30
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78878

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER CW2-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.03	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	17.4	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.074	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	70	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	7.68	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	6.44	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	23.4	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	38	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	38	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	48	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.41	0.02	mg/L	12/04/07		WM	350.1
Nitrate as Nitrogen	1.9	0.050	mg/L	12/01/07	6:21	M/E	300.0/9056
Sulfate	26	3	mg/L	12/01/07	6:21	M/E	300.0
Tot. Diss. Solids	46	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/08/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/08/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER CW2-M **Phoenix I.D.: AJ78878**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/08/07		R/J	E624
Benzene	ND		5	ug/L	12/08/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/08/07		R/J	E624
Bromoform	ND		5	ug/L	12/08/07		R/J	E624
Bromomethane	ND		5	ug/L	12/08/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/08/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/08/07		R/J	E624
Chloroethane	ND		5	ug/L	12/08/07		R/J	E624
Chloroform	ND		5	ug/L	12/08/07		R/J	E624
Chloromethane	ND		5	ug/L	12/08/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/08/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/08/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/08/07		R/J	E624
Methylene chloride	1.7	JS	5	ug/L	12/08/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/08/07		R/J	E624
Toluene	2.6	JS	5	ug/L	12/08/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/08/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/08/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/08/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/08/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/08/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	99			%	12/08/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	9:14
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78879

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER CW4-S

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.125	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	7.93	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	0.007	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.003	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.862	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	24.8	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	4.96	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	1.21	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	4.74	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	0.007	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	40	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	40	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	4.3	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.07	0.02	mg/L	12/04/07		WM	350.1
Nitrate as Nitrogen	1.1	0.050	mg/L	12/01/07	6:32	M/E	300.0/9056
Sulfate	3.7	3	mg/L	12/01/07	6:32	M/E	300.0
Tot. Diss. Solids	170	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER CW4-S Phoenix I.D.: AJ78879

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	1	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	96			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	8:50
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78880

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER CW4-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.028	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	24.9	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.002	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.034	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	102	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	1.5	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	9.59	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	13.6	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	44	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	44	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	21	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.02	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	7.1	0.050	mg/L	12/01/07	6:42	M/E	300.0/9056
Sulfate	33	3	mg/L	12/01/07	6:42	M/E	300.0
Tot. Diss. Solids	180	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER CW4-M **Phoenix I.D.: AJ78880**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	1.1	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	95			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	15:13
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78881

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER EN1-M

Parameter	Result		RL	Units	Date	Time	By	Reference
Aluminum	0.03		0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004		0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	23.2		0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001		0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.002		0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.028		0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	93.1		0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002		0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	1.43		0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	8.55		0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	18.6		0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001		0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	32		20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	32		20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	24		3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.03		0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	9.2		0.10	mg/L	12/03/07	15:49	M/E	300.0/9056
Sulfate	41		3	mg/L	12/01/07	6:52	M/E	300.0
Tot. Diss. Solids	140		10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed				12/03/07		E	7471/245.1
Total Metals Digestion	Completed				11/30/07		W/AG	
Volatiles								
1,1,1-Trichloroethane	1.9	J	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	1.4	J	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND		5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER EN1-M Phoenix I.D.: AJ78881

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	1.1	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	94			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	13:49
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78882

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER EN6-S

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.023	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	11.4	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.002	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.044	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	49.7	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	1.74	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	5.15	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	24.2	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	< 20	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	< 20	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	35	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	6.1	0.050	mg/L	12/01/07	7:02	M/E	300.0/9056
Sulfate	24	3	mg/L	12/01/07	7:02	M/E	300.0
Tot. Diss. Solids	160	20	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER EN6-S **Phoenix I.D.: AJ78882**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	0.99	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	96			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	13:27
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78883

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER EN6-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.066	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	59.7	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.052	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.259	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	224	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	3.52	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	18.1	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	47.8	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	150	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	150	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	88	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	6.6	0.050	mg/L	12/01/07	7:12	M/E	300.0/9056
Sulfate	72	3	mg/L	12/01/07	7:12	M/E	300.0
Tot. Diss. Solids	360	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER EN6-M **Phoenix I.D.: AJ78883**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,2-Dichloroethene	4.7	J	5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	4.5	J	5	ug/L	12/03/07		R/J	E624
Toluene	1.1	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	0.96	J	5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	95			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	12:42
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:	MS-MSD	Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78884

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER EN7-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.154	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	125	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.204	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	527	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0004	0.0004	mg/L	12/03/07		RS	7470/E245.1
Potassium	5.51	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	52.3	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	228	1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
QC for AA	Completed			12/05/07			
QC for Mercury	Completed			12/05/07			
QC for ICP	Completed			12/05/07			
Alkalinity (CaCO3)	650	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	650	100	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	280	15	mg/L	12/03/07		M/E	300.0
Ammonia as Nitrogen	0.12	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	< 0.050	0.050	mg/L	12/01/07	8:23	M/E	300.0/9056
QC For Anions	Completed			12/03/07			
QC for Ammonia	Completed			12/05/07			
Sulfate	120	15	mg/L	12/03/07	15:59	M/E	300.0
Tot. Diss. Solids	1100	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion MS/MSD	Completed			12/03/07			SW7471
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Total Metals Digest MS/MSD	Completed			12/01/07			
QC for Volatile	Completed			12/03/07		JH	
MS/MSD Volatiles	Completed			12/03/07		JH	

Client ID: EAST NORTHPORT GROUND WATER EN7-M **Phoenix I.D.: AJ78884**

Parameter	Result		RL	Units	Date	Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	1.1	J	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	0.67	J	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND		5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND		5	ug/L	12/03/07		R/J	E624
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	2.5	J	5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	1.2	J	5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,2-Dichloroethene	7.3		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	5.3		5	ug/L	12/03/07		R/J	E624
Toluene	1.0	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	2.5	J	5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	0.95	J	5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	95			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	11:45
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78885

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER EN9-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.109	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	32.1	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.165	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	139	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	2.79	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	14.3	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	52.7	1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	48	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	48	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	130	15	mg/L	12/03/07		M/E	300.0
Ammonia as Nitrogen	< 0.02	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	0.71	0.25	mg/L	12/03/07	16:09	M/E	300.0/9056
Sulfate	15	3	mg/L	12/01/07	8:33	M/E	300.0
Tot. Diss. Solids	300	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER EN9-M **Phoenix I.D.: AJ78885**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	1.2	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	95			%	12/03/07		R/J	E624

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	10:41
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78886

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER EN10-M

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.273	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EKT	6010/200.7
Calcium	1.35	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	0.006	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	1.5	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	5.13	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	3.57	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	0.426	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	1.58	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	0.013	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	< 20	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	< 20	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	< 3	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.03	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	< 0.050	0.050	mg/L	12/01/07	8:43	M/E	300.0/9056
Sulfate	< 3	3	mg/L	12/01/07	8:43	M/E	300.0
Tot. Diss. Solids	21	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER EN10-M **Phoenix I.D.: AJ78886**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	1.2	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	94			%	12/03/07		R/J	E624

Comments:

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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	0:00
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78887

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER GW-DUP

Parameter	Result	RL	Units	Date	Time	By	Reference
Aluminum	0.031	0.01	mg/L	12/04/07		EKT	6010/200.7
Arsenic	< 0.004	0.004	mg/L	12/04/07		EK	6010/200.7
Calcium	17.2	0.01	mg/L	12/04/07		EKT	6010/200.7
Cadmium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Chromium	< 0.001	0.001	mg/L	12/04/07		EKT	6010/200.7
Iron	0.089	0.002	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	68.8	0.10	mg/L	12/05/07		EK	200.7
Mercury	< 0.0002	0.0002	mg/L	12/03/07		RS	7470/E245.1
Potassium	7.43	0.1	mg/L	12/04/07		EKT	6010/200.7
Magnesium	6.28	0.01	mg/L	12/04/07		EKT	6010/200.7
Sodium	22.2	0.1	mg/L	12/05/07		EK	6010/200.7
Lead (Furnace)	< 0.001	0.001	mg/L	12/04/07		RS	7421/S3113B
Alkalinity (CaCO3)	55	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	55	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	48	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.03	0.02	mg/L	12/05/07		WM	350.1
Nitrate as Nitrogen	1.9	0.050	mg/L	12/01/07	8:53	M/E	300.0/9056
Sulfate	26	3	mg/L	12/01/07	8:53	M/E	300.0
Tot. Diss. Solids	150	10	mg/L	12/04/07		kl	SM2540C
Mercury Digestion	Completed			12/03/07		E	7471/245.1
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/03/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/03/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER GW-DUP **Phoenix I.D.: AJ78887**

Parameter	Result		RL	Units	Date	Time	By	Reference
1,3-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/03/07		R/J	E624
Benzene	ND		5	ug/L	12/03/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/03/07		R/J	E624
Bromoform	ND		5	ug/L	12/03/07		R/J	E624
Bromomethane	ND		5	ug/L	12/03/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/03/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/03/07		R/J	E624
Chloroethane	ND		5	ug/L	12/03/07		R/J	E624
Chloroform	ND		5	ug/L	12/03/07		R/J	E624
Chloromethane	ND		5	ug/L	12/03/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/03/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/03/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/03/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/03/07		R/J	E624
Toluene	0.99	JS	5	ug/L	12/03/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/03/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/03/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/03/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/03/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/03/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	95			%	12/03/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/29/07	0:00
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78888

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER TB 11-29

Parameter	Result		RL	Units	Date	Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND		5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/02/07		R/J	E624
Benzene	ND		5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/02/07		R/J	E624
Bromoform	ND		5	ug/L	12/02/07		R/J	E624
Bromomethane	ND		5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
Chloroethane	ND		5	ug/L	12/02/07		R/J	E624
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/02/07		R/J	E624
Toluene	2.1	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER TB 11-29 Phoenix I.D.: AJ78888

Parameter	Result	RL	Units	Date	Time	By	Reference
Trichlorofluoromethane	ND	5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND	5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates							
% Bromofluorobenzene	93		%	12/02/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		11/30/07	12:15
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78876
Phoenix I.D.: AJ78889

Laboratory Data

Client ID: EAST NORTHPORT GROUND WATER FB 11-30

Parameter	Result		RL	Units	Date	Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND		5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/02/07		R/J	E624
Benzene	ND		5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/02/07		R/J	E624
Bromoform	ND		5	ug/L	12/02/07		R/J	E624
Bromomethane	ND		5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
Chloroethane	ND		5	ug/L	12/02/07		R/J	E624
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/02/07		R/J	E624
Toluene	1.4	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT GROUND WATER FB 11-30 Phoenix I.D.: AJ78889

Parameter	Result	RL	Units	Date	Time	By	Reference
Trichlorofluoromethane	ND	5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND	5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates							
% Bromofluorobenzene	96		%	12/02/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	7:50
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78867

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-1

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	17.5	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	74.6	0.10	mg/L	12/05/07		EK	200.7
Magnesium	7.51	0.01	mg/L	12/04/07		EKT	6010/200.7
Alkalinity (CaCO3)	38	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	38	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	48	3	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.16	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	3.0	0.020	mg/L	11/30/07	21:12	EW	E353.2
Sulfate	20	3	mg/L	12/03/07	10:01	M/E	300.0
Tot. Diss. Solids	160	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-1 **Phoenix I.D.: AJ78867**

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	1.6	J	5	ug/L	12/02/07		R/J	E624
Toluene	1.5	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	95			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	8:30
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78868

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-2

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	28.9	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	126	0.10	mg/L	12/05/07		EK	200.7
Magnesium	13	0.01	mg/L	12/04/07		EKT	6010/200.7
Alkalinity (CaCO3)	76	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	76	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	69	3	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.11	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	1.9	0.010	mg/L	11/30/07	20:53	EW	E353.2
Sulfate	38	3	mg/L	12/03/07	10:11	M/E	300.0
Tot. Diss. Solids	250	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-2 Phoenix I.D.: AJ78868

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	2.1	J	5	ug/L	12/02/07		R/J	E624
Toluene	1.4	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	93			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	8:15
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:	MS/MSD	Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78869

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-3

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	17.4	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	77.2	0.10	mg/L	12/05/07		EK	200.7
Magnesium	8.2	0.01	mg/L	12/04/07		EKT	6010/200.7
QC for ICP	Completed			12/05/07			
Alkalinity (CaCO3)	38	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	38	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	44	3	mg/L	12/01/07		M/E	300.0
Ammonia as Nitrogen	0.049	0.02	mg/L	12/04/07		WM	350.1
Nitrate as Nitrogen	3.7	0.050	mg/L	12/01/07	5:51	M/E	300.0/9056
QC For Anions	Completed			12/03/07			
QC for Ammonia	Completed			12/04/07			
Sulfate	22	3	mg/L	12/01/07	5:51	M/E	300.0
Tot. Diss. Solids	160	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Total Metals Digest MS/MSD	Completed			12/01/07			
QC for Volatile	Completed			12/02/07		JH	
MS/MSD Volatiles	Completed			12/02/07		JH	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-3 **Phoenix I.D.: AJ78869**

Parameter	Result		RL	Units	Date	Time	By	Reference
Bromodichloromethane	ND		5	ug/L	12/02/07		R/J	E624
Bromoform	ND		5	ug/L	12/02/07		R/J	E624
Bromomethane	ND		5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
Chloroethane	ND		5	ug/L	12/02/07		R/J	E624
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	3.4	J	5	ug/L	12/02/07		R/J	E624
Toluene	1.4	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	96			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	8:00
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78870

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-4

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	17.1	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	72.9	0.10	mg/L	12/05/07		EK	200.7
Magnesium	7.33	0.01	mg/L	12/04/07		EKT	6010/200.7
Alkalinity (CaCO3)	42	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	42	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	49	3	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.16	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	3	0.020	mg/L	11/30/07	21:13	EW	E353.2
Sulfate	21	3	mg/L	12/03/07	10:21	M/E	300.0
Tot. Diss. Solids	160	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-4 **Phoenix I.D.: AJ78870**

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	1.8	J	5	ug/L	12/02/07		R/J	E624
Toluene	1.4	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	94			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	8:55
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78871

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-5

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	33.9	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	142	0.10	mg/L	12/05/07		EK	200.7
Magnesium	13.9	0.01	mg/L	12/04/07		EKT	6010/200.7
Alkalinity (CaCO3)	84	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	84	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	100	3	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.07	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	2.9	0.020	mg/L	11/30/07	21:14	EW	E353.2
Sulfate	34	3	mg/L	12/03/07	10:31	M/E	300.0
Tot. Diss. Solids	300	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-5 **Phoenix I.D.: AJ78871**

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/02/07		R/J	E624
Toluene	1.4	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	97			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	8:45
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78872

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-6

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	18.3	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	75.5	0.10	mg/L	12/05/07		EK	200.7
Magnesium	7.23	0.01	mg/L	12/04/07		EKT	6010/200.7
Alkalinity (CaCO3)	67	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	67	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	63	3	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.32	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	2.0	0.010	mg/L	11/30/07	20:58	EW	E353.2
Sulfate	21	3	mg/L	12/03/07	10:41	M/E	300.0
Tot. Diss. Solids	180	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-6 **Phoenix I.D.: AJ78872**

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/02/07		R/J	E624
Toluene	1.3	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	93			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	9:10
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78873

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-7

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	95.6	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	1470	0.10	mg/L	12/07/07		DL	200.7
Magnesium	299	0.1	mg/L	12/05/07		EK	6010/200.7
Alkalinity (CaCO3)	76	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	76	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	4500	120	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.13	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	0.94	0.010	mg/L	11/30/07	20:59	EW	E353.2
Sulfate	390	30	mg/L	12/03/07	15:39	M/E	300.0
Tot. Diss. Solids	7100	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-7 Phoenix I.D.: AJ78873

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/02/07		R/J	E624
Toluene	1.3	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	96			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	0:00
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78874

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER SW-B

Parameter	Result	RL	Units	Date	Time	By	Reference
Calcium	28	0.01	mg/L	12/04/07		EKT	6010/200.7
Hardness (CaCO3)	121	0.10	mg/L	12/05/07		EK	200.7
Magnesium	12.5	0.01	mg/L	12/04/07		EKT	6010/200.7
Alkalinity (CaCO3)	80	20	mg/L	12/04/07		GL	SM 2320B
Bicarbonate Alkalinity (CaCO3)	80	20	mgCaCO3/	12/04/07		LK	SM 2320B
Chloride	69	3	mg/L	11/30/07		EW	SM4500-CL-E
Ammonia as Nitrogen	0.14	0.02	mg/L	12/04/07		WM	350.1
Nitrate-N	1.8	0.010	mg/L	11/30/07	21:00	EW	E353.2
Sulfate	37	3	mg/L	12/03/07	11:02	M/E	300.0
Tot. Diss. Solids	180	10	mg/L	12/04/07		kl	SM2540C
Total Metals Digestion	Completed			11/30/07		W/AG	
Volatiles							
1,1,1-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND	5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND	5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND	5	ug/L	12/02/07		R/J	E624
Benzene	ND	5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND	5	ug/L	12/02/07		R/J	E624
Bromoform	ND	5	ug/L	12/02/07		R/J	E624
Bromomethane	ND	5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND	5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND	5	ug/L	12/02/07		R/J	E624
Chloroethane	ND	5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER SW-B

Phoenix I.D.: AJ78874

Parameter	Result		RL	Units	Date	Time	By	Reference
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	2.4	J	5	ug/L	12/02/07		R/J	E624
Toluene	1.4	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624
Trichlorofluoromethane	ND		5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND		5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates								
% Bromofluorobenzene	92			%	12/02/07		R/J	E624

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Limit RL=Reporting Limit

Phyllis Shiller

Phyllis Shiller, Laboratory Director

January 24, 2008

PHOENIX

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Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report
January 24, 2008

FOR: Attn: Mr. Bob Casson
R&C Formation, Ltd
705 Bedford Ave, Suite 2B
Bellmore, NY 11710

Sample Information		Custody Information		Date	Time
Matrix:	SURFACE WATER	Collected by:		11/30/07	0:00
Location Code:	R&CFORM	Received by:	SW	11/30/07	17:00
Rush Request:		Analyzed by:	see "By" below		
P.O.#:					

SDG I.D.: GAJ78867
Phoenix I.D.: AJ78875

Laboratory Data

Client ID: EAST NORTHPORT SURFACE WATER TB-SW

Parameter	Result		RL	Units	Date	Time	By	Reference
Volatiles								
1,1,1-Trichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1,2,2-tetrachloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1,2-Trichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,1-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichloroethane	ND		5	ug/L	12/02/07		R/J	E624
1,2-Dichloropropane	ND		5	ug/L	12/02/07		R/J	E624
1,3-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
1,4-Dichlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
2-Chloroethyl vinyl ether	ND		5	ug/L	12/02/07		R/J	E624
Benzene	ND		5	ug/L	12/02/07		R/J	E624
Bromodichloromethane	ND		5	ug/L	12/02/07		R/J	E624
Bromoform	ND		5	ug/L	12/02/07		R/J	E624
Bromomethane	ND		5	ug/L	12/02/07		R/J	E624
Carbon tetrachloride	ND		5	ug/L	12/02/07		R/J	E624
Chlorobenzene	ND		5	ug/L	12/02/07		R/J	E624
Chloroethane	ND		5	ug/L	12/02/07		R/J	E624
Chloroform	ND		5	ug/L	12/02/07		R/J	E624
Chloromethane	ND		5	ug/L	12/02/07		R/J	E624
cis-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Dibromochloromethane	ND		5	ug/L	12/02/07		R/J	E624
Ethylbenzene	ND		5	ug/L	12/02/07		R/J	E624
Methylene chloride	ND		5	ug/L	12/02/07		R/J	E624
Tetrachloroethene	ND		5	ug/L	12/02/07		R/J	E624
Toluene	1.5	JS	5	ug/L	12/02/07		R/J	E624
trans-1,2-Dichloroethene	ND		5	ug/L	12/02/07		R/J	E624
trans-1,3-Dichloropropene	ND		5	ug/L	12/02/07		R/J	E624
Trichloroethene	ND		5	ug/L	12/02/07		R/J	E624

Client ID: EAST NORTHPORT SURFACE WATER TB-SW **Phoenix I.D.: AJ78875**

Parameter	Result	RL	Units	Date	Time	By	Reference
Trichlorofluoromethane	ND	5	ug/L	12/02/07		R/J	E624
Vinyl chloride	ND	5	ug/L	12/02/07		R/J	E624
QA/QC Surrogates							
% Bromofluorobenzene	95		%	12/02/07		R/J	E624

Comments:

TRIP BLANK INCLUDED.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller

Phyllis Shiller, Laboratory Director
January 24, 2008