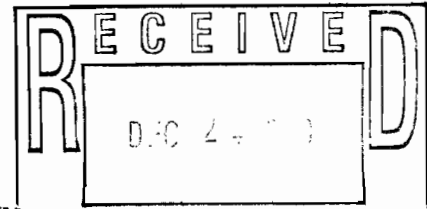




December 21, 2010

Mr. Michael S. Kolceski, P.E., Town Engineer

Town of DeWitt
5400 Butternut Drive
East Syracuse, NY 13057



RE: DeWitt Landfill Monitoring, 3rd Quarter 2010

FILE: 123/45761

Dear Mike:

Enclosed please find the following information for the Third Quarter 2010 Landfill Monitoring:

- September 2010 Surface Water, Groundwater, and Air Sampling Report dated November 2010, revised November 30, 2010
- Town of DeWitt Landfill Inspection and Maintenance Checklist

As agreed upon with the New York State Department of Environmental Conservation, the Third Quarter sampling event consisted of surface water, ground water, and air sampling. Water samples were analyzed for Priority Pollutant Metals and Volatile Organics 624. A site inspection was also conducted and the results are provided herein.

Water sampling analytical test results for the Third Quarter of 2010 have been compared with the NYSDEC Ambient Water Quality Standards and Guidance Values, dated 1967, amended in August 1999. The parameters that exceeded some of the wells were arsenic, chromium, copper, lead, nickel, trichloroethene, and vinyl chloride. The parameters that exceeded some of the surface water samples were chlorobenzene, chloroethane, chromium, and mercury.

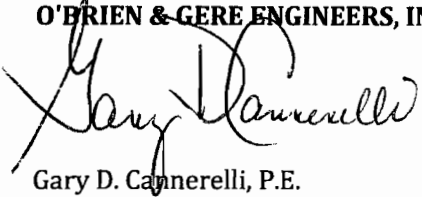
It is noted MW-1S, 5S, 5D, 6S, 7S, 8D, and 9S did not exceed any of the NYSDEC Ambient Water Quality Standards for the parameters tested. Maps of the monitoring sites are included in the enclosed report. We will elaborate on the findings when we prepare the Annual Report at the end of the year.

Air sampling was conducted with the latest approved protocols and letter from the NYSDEC dated April 17, 2003. Utilizing the current NYSDEC DAR-1 AGC/SGC Tables dated September 10, 2007, air sampling results demonstrate that detected target compounds were below their respective Short-term Guideline Concentrations (SGCs) and their respective Annual Guideline Concentrations AGCs), with the exception of V-11 and V-12, which exceeded the AGC of hexane and ethylbenzene and SGC of benzene and heptane.

If you have any questions, please do not hesitate to contact us.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Gary D. Cannerelli, P.E.
Vice President

cc: Edward M. Michalenko, PhD, Supervisor – Town of DeWitt (w/encl)
Greg Scicchitano, Esq.
Carl Cuipyllo – NYSDEC Syracuse (w/encl)
Gerald J. Rider, Jr. – NYSDEC (w/encl)
Stephen R. Snell, P.E., CPESC – O'Brien & Gere

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TOWN OF DEWITT LANDFILL
INSPECTION AND MAINTENANCE
CHECKLIST

Re: 3rd Quarter 2010
 Date: 09/29/10
 Inspector: Stephen Snell, P.E., CPESC

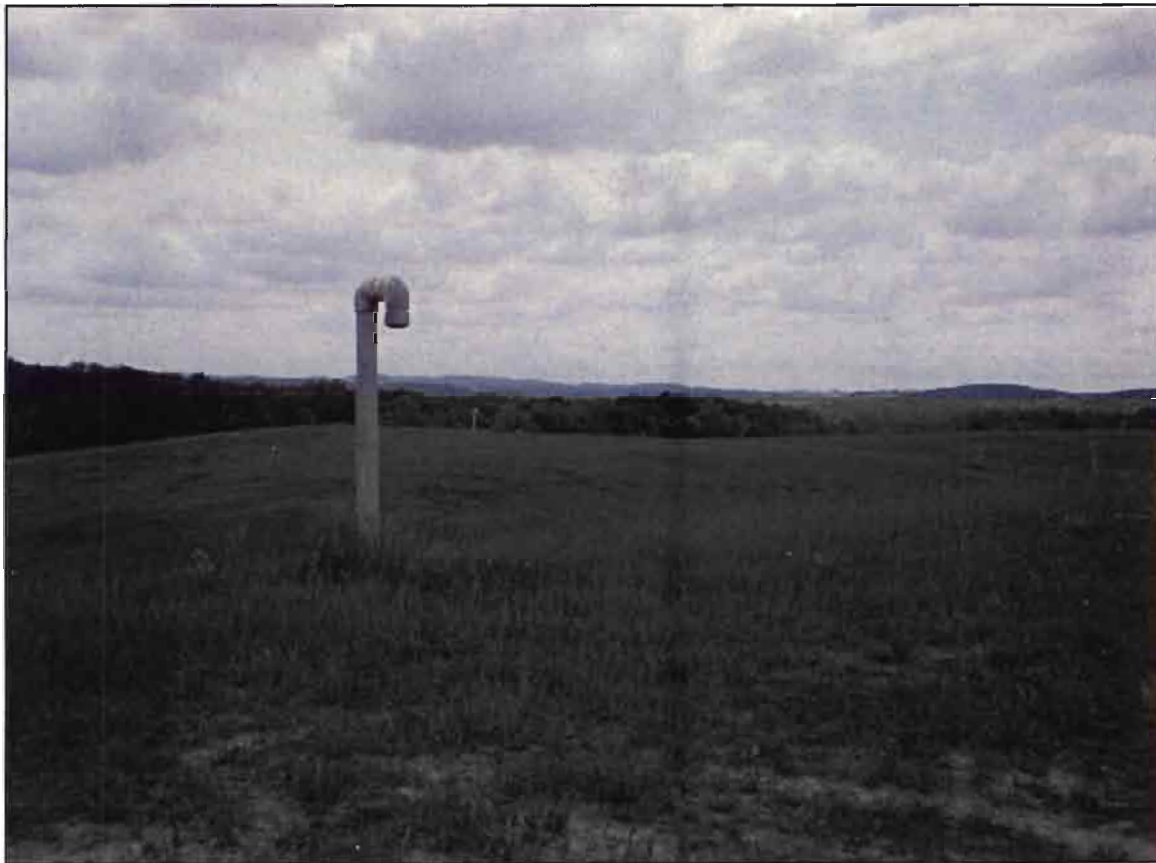
cc: Brian Maxwell
 Mike Kolceski, P.E.

Landfill Components	Checked	Comments	Maintenance Action Needed
1. Barrier Protection Layer Topsoil Layer and Vegetative Cover	✓	Small trees and brush should be removed along the perimeter fence line	Yes
2. Gas Discharge Vents	✓	Vent V-10 on west end of landfill is broke and should be repaired.	Yes
3. Swales, Ditches and Down Chutes	✓	Brush should be removed along the edge of the swales and down chutes.	Yes
4. Storm Sewer System, including culverts	✓	Ok	No
5. Fence and Gates	✓	Entrance gate fence has approximately a 1-ftX2- ft hole.	Not at this time
6. Access Road	✓	Ok	Yes
7. Perimeter Service Road	✓	Trees should be trimmed back along the perimeter road	Yes

September 2010 Surface Water, Groundwater, and Air Sampling Report

Town of DeWitt Landfill DeWitt, NY

November 2010
Revised: November 30, 2010
SE Project Number 10-727



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 WATER STREET
BALDWINVILLE, NEW YORK 13027
(315) 635-8936

SEPTEMBER 2010 SURFACE WATER, GROUNDWATER AND AIR SAMPLING REPORT

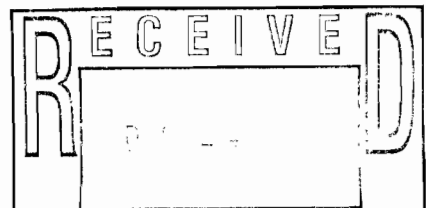
Town of DeWitt Landfill
DeWitt, New York

November 19, 2010
Revised: November 30, 2010

Submitted To: Town of DeWitt C/O
O'BRIEN AND GERE ENGINEERS
333 West Washington Street
Syracuse, New York 13202

Submitted By: Strategic Environmental, LLC
25 1/2 Water Street
Baldwinsville, New York 13027
Contact: Jamie Pentland, P.E.

SE Project No. 2010-727



September 2010 Surface Water, Groundwater, and Air Sampling Report

Town of Dewitt Landfill Project No. 2010-727

Table of Contents

SECTION 1 INTRODUCTION.....	1
1.1 Introduction and Background.....	1
SECTION 2 SURFACE WATER SAMPLING	2
2.1 Surface Water Sampling and Field Measurements	2
Table 2-1.....	2
2.2 Laboratory Analysis Results – Surface Water	2
Table 2-2.....	3
Table 2-3.....	4
SECTION 3 GROUNDWATER MONITORING.....	5
3.1 Static Groundwater Level Measurements.....	5
Table 3-1.....	5
3.2 Well Evacuation and Field Measurements	5
3.3 Laboratory Analysis Results	6
Table 3-2.....	7
Table 3-3 - Monitoring Well VOC Results-September 2010.....	8
SECTION 4 AIR SAMPLING.....	9
4.1 Combustible Gas Monitoring	9
Table 4-1.....	9
4.2 Exhaust Gas Sampling and Laboratory Analysis.....	10
Table 4-2.....	11
SECTION 5 SUMMARY.....	13
5.1 Groundwater.....	13
Table 5-1.....	13
Table 5-2.....	13
5.2 Surface Water.....	13
5.3 Air Monitoring	14

APPENDICES:

- A. Monitoring Well Evacuation and Sampling Logs
- B. Laboratory Analysis Results and Custody Documentation - Surface Water and Groundwater
- C. Laboratory Analysis Results and Custody Documentation – Air Vents

FIGURES:

- 1. Location Map
- 2. Surface Water Sampling Points
- 3. Monitoring Well Locations
- 4. Combustible Gas Monitoring Locations

SECTION 1 INTRODUCTION

1.1 Introduction and Background

The following report summarizes the methodologies and findings associated with a surface water, groundwater and air sampling event that was conducted at the former Town of Dewitt (the Town) Landfill by Strategic Environmental, LLC (Strategic) in September of 2010. The work was performed by Strategic pursuant to an agreement with the Town dated March 8, 2010.

The site is located immediately north of the Old Erie Canal, approximately 1,600 feet east of Interstate Route 481 and approximately 5,700 feet south of New York State Route 290 (Manlius Center Road). The site is accessed from the north via Fisher Road, which extends south from Manlius Center Road. A location map indicating the site location is attached as Figure 1.

Surface water samples were collected at three (3) designated surface water sampling locations, representing the third of four quarterly events scheduled to occur in 2010. Groundwater sampling was performed at eighteen (18) monitoring wells, representing the single annual groundwater sampling event scheduled for 2010. Along with groundwater and surface water sampling, combustible gas monitoring was conducted at six (6) downwind locations and sampling for volatile organic compounds (VOCs) was performed at three (3) landfill gas vents. The combustible gas monitoring and vent exhaust sampling represents the single scheduled event for 2010.

SECTION 2 SURFACE WATER SAMPLING**2.1 Surface Water Sampling and Field Measurements**

On September 17, 2010, samples of surface water were collected from the three (3) designated sampling points identified on Figure 2. These locations are consistent with the three (3) locations sampled during the June 2010 event. At the time of the sampling, free-flowing surface water was not present at any sampling location, however minimal surface water was present at each of the sampling locations. Therefore, samples taken from these areas consisted of standing water that was present near the designated sampling locations.

Field measurements of pH, conductivity (cond.), temperature (temp.), dissolved oxygen (DO), turbidity (turb.), total dissolved solids (TDS), and oxidation-reduction potential (ORP) were recorded at two of the three locations. Field parameters were not completed at SS-2, due to the limited amounts of water being found at this location. All water collected from this location was bottled and sent to the laboratory for analyses. Additionally, field observations regarding color, odor, and presence or absence of visible surface sheen or oil layer were also noted at the time of sampling. These data are summarized in the tabulation below, and are also documented on the Surface Water Sampling Logs included in Appendix C.

Table 2-1
Field Monitoring Data-Surface Water Points, September 17, 2010

Location	pH	Cond.	Temp.	DO	TDS	ORP	Turb.	Color	Odor	Sheen/Film
SS-1	6.59	1.76	15.96	3.26	1.12	5	60.2	Dark, Cloudy	Organic	None
SS-2	-	-	-	-	-	-	-	-	-	-
SS-3	7.64	0.463	16.0	11.02	4.36	120	71.0	Clear	None	None
Units	s.u.	s/m	°C	mg/L	mg/L	mV	NTU	--	--	--

Samples of surface water from each location was also collected and subjected to laboratory analysis by EPA Method 624 (volatile organic compounds or VOC) and Priority Pollutant Metals (total/unfiltered). The samples were collected in laboratory-supplied preserved containers, and immediately placed on ice following collection. The samples were submitted to Environmental Laboratory Services (ELS) of North Syracuse, New York (New York State Department of Health Environmental Laboratory Approval Program Number 11375) for analysis.

2.2 Laboratory Analysis Results – Surface Water

In addition to the field measurements described above, samples of surface water were collected from each location for laboratory analysis. The designated analyses included Priority Pollutant Metals (total/unfiltered) and volatile organic compounds (VOC). The Priority Pollutant Metals list includes antimony, arsenic, beryllium, cadmium, chromium, copper, lead,

SECTION 2

Surface Water Sampling

nickel, selenium, silver, thallium, zinc, and mercury. The target VOC list encompassed those compounds included under USEPA Method 624, as outlined in Table 2-3 below.

Analysis results for the surface water samples are tabulated against the NYSDEC Ambient Water Quality Standards and Guidance Values in Tables 2-2 (Priority Pollutant Metals) and 2-3 (VOC) below.

A copy of the laboratory data report is attached in Appendix B.

Table 2-2
Priority Pollutant Metal Analysis Data-Surface Water Points, September 17,2010

Compound	§ 1	§ 2	§ 3	NYSDEC Ambient Water Quality Standard/Guidance Value
mercury	<0.20	3.4	<0.20	0.7
antimony	<5.0	<5.0	<5.0	3
arsenic	<5.0	<50	<5.0	50
beryllium	<5.0	<5.0	<5.0	3
cadmium	<5.0	<5.0	<5.0	5
chromium	11	67	<10	50
copper	27	57	22	200
lead	32	27	15	50
nickel	14	75	14	100
selenium	<5.0	<5.0	<5.0	10
silver	<5.0	<5.0	<5.0	50
thallium	<5.0	<5.0	<5.0	0.5
zinc	71	230	46	2,000

Notes: NYSDEC Ambient Water Quality Standards and Guidance Values as established in NYSDEC's TOGS 1.1.1.
Shaded cells indicate a concentration exceeding standard/guideline values.
All values are in µg/L or parts-per-billion (ppb)

SECTION 2

Surface Water Sampling

Table 2-3
VOC Analysis Data-Surface Water Points, September 17, 2010

Compound	SW-1	SW-2	SW-3	NYSDEC Ambient Water Quality Standard/Guidance Value
1,1,1-trichloroethane	<1.00	<1.00	<1.00	5
1,1,2,2-tetrachloroethane	<1.00	<1.00	<1.00	5
1,1,2-trichloroethane	<1.00	<1.00	<1.00	1
1,1-dichloroethane	<1.00	<1.00	<1.00	5
1,1-dichloroethene	<1.00	<1.00	<1.00	5
1,2-dichlorobenzene	<1.00	<1.00	<1.00	3
1,2-dichloroethane	<1.00	<1.00	<1.00	0.6
1,2-dichloropropane	<1.00	<1.00	<1.00	1
1,3-dichlorobenzene	<1.00	<1.00	<1.00	3
1,4-dichlorobenzene	1.07	<1.00	<1.00	3
2-chloroethylvinyl ether	<5.00	<5.00	<5.00	NE
Benzene	<1.00	<1.00	<1.00	1
Bromodichloromethane	<1.00	<1.00	<1.00	50
Bromoform	<1.00	<1.00	<1.00	50
Bromomethane	<5.00	<5.00	<5.00	5
carbon tetrachloride	<1.00	<1.00	<1.00	5
Chlorobenzene	7.63	<1.00	<1.00	5
Chloroethane	25.7	<5.00	<5.00	5
Chloroform	<1.00	<1.00	<1.00	7
Chloromethane	<5.00	<5.00	<5.00	NE
cis-1,2-dichloropropene	<1.00	<1.00	<1.00	NE
Dibromochloromethane	<1.00	<1.00	<1.00	50
Dichlorodifluoromethane	<1.00	<1.00	<1.00	5
ethyl benzene	<1.00	<1.00	<1.00	5
methylene chloride	<1.00	<1.00	<1.00	5
tetrachloroethene	<1.00	<1.00	<1.00	1
toluene	<1.00	<1.00	<1.00	5
trans-1,2-dichloroethene	<1.00	<1.00	<1.00	5
trans-1,3-dichloropropene	<1.00	<1.00	<1.00	0.4
trichloroethene	<1.00	<1.00	<1.00	5
Trichlorofluoromethane	<1.00	<1.00	<1.00	5
vinyl chloride	<2.00	<2.00	<2.00	2
xylene (m,p)	<1.00	<1.00	<1.00	5
xylene (o)	<1.00	<1.00	<1.00	5

Notes: NYSDEC Ambient Water Quality Standards and Guidance Values as established in NYSDEC's TOGS 1.1.1.
All values in bold are greater than the Ambient Water Quality Standards and Guidance Values as established in NYSDEC's TOGS 1.1.1.
All values are in µg/L or parts-per-billion (ppb).
NE = Not Established
Bold and shaded cells indicate target compound concentration exceeding TOGS 1.1.1 Standard

SECTION 3 GROUNDWATER MONITORING

3.1 Static Groundwater Level Measurements

Between September 14th and 17th, 2010, representatives of Strategic visited the site to evacuate and sample the designated groundwater monitoring wells. Prior to disturbing the water within the monitoring wells, the undisturbed (i.e., "static") water level in each well was recorded, relative to the top of the PVC riser pipe. The depth to water measurements for the various wells is summarized in the following tabulation.

Table 3-1
Static Water Levels and Evacuation Volumes-Monitoring Wells

Well #	Depth of Well	Depth of Water September 2010	Length of Water Column (feet)	Volume of Water in Well (gallons)	3X Volume of Water in Well	Volume of Water Bailed
1S	21.08	13.32	7.76	1.3	3.8	2.5
2S	35.59	12.71	22.88	3.7	11.2	11.5
2D	51.98	12.7	39.28	6.4	19.2	21
3S	35.59	2.91	32.68	5.3	16.0	16
4S	19.98	2.07	17.91	2.9	8.8	9
4D	35.27	1.58	33.69	5.5	16.5	16.5
5S	26.59	2.91	23.68	3.9	11.6	11.5
5D	45.19	2.27	42.92	7.0	21.0	21
6S	24.74	4.23	20.51	3.3	10.0	8.3
7S	22.38	14.59	7.79	1.3	3.8	2.5
8S	29.24	0.25	28.99	4.7	14.2	16
8D	61.32	0.92	60.4	9.8	29.5	25
9S	12.39	1.8	10.59	1.7	5.2	2.5
9M	38.03	2.21	35.82	5.8	17.5	16
9D	55.1	46.56	8.54	1.4	4.2	4.5
10S	20.62	11.33	9.29	1.5	4.5	3.2
11D	39.45	31.23	8.22	1.3	4.0	2.5
12S	23.01	10.31	12.7	2.1	6.2	6.5

3.2 Well Evacuation and Field Measurements

Prior to sampling, a minimum of three times the volume of water calculated within each well was removed by way of manual bailing, using PVC or steel bailers provided at each well before collection. Detailed field sampling logs were recorded for each designated monitoring well. Water parameters were measured after the first initial bail from the well, and directly before sample collection, through the use of a Horiba U-52 multi-parameter water quality meter. The parameters recorded included temperature, pH, conductivity, dissolved oxygen (D.O.), salinity (SAL), turbidity, total dissolved solids (TDS), and oxidation reduction potential (ORP). Also noted was the physical appearance of the water after the first initial bail from

the well and before the water samples were taken. Copies of the field sampling logs are included in Appendix A.

Groundwater samples were collected from each well for laboratory analysis by EPA method 624 and Priority Pollutant Metals (total/unfiltered). The samples were collected in preserved containers provided by the project laboratory, and immediately placed on ice following collection. All groundwater samples were submitted to Environmental Laboratory Services (ELS) of North Syracuse, New York, (NYSDOH ELAP Number 11375) for analysis.

3.3 Laboratory Analysis Results

Samples of groundwater from the monitoring wells were subjected to laboratory analysis by EPA method 624 and Priority Pollutant Metals (total/unfiltered), to document the concentration of individual Volatile Organic Compounds (VOC's), as well as metals in the local groundwater. These values were then tabulated against the NYSDEC Ambient Water Quality Standards and Guidance Values. The total VOC and PP Metal concentrations, (Table 2 and Table 1 Respectively), observed at each sampled well during the September 2010 event vs. NYSDEC Ambient Water Quality Standards and Guidance Values may be found below.

Copies of the laboratory analysis results and sample custody documentation relating to these groundwater samples are contained in Appendix B.

Table 3-2
Monitoring Well Priority Pollutant Metal Results – September 2010

Compound	MW-1S	MW-2S	MW-2D	MW-3S	MW-4S	MW-4D	MW-5S	MW-5D	MW-6S	MW-7S	MW-8S	MW-8D	MW-9S	MW-9M	MW-9D	MW-10S	MW-11D	MW-12S	NYSDEC Ambient Water Quality Standard/Guidance Value
mercury	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<250	<0.20	0.24	<0.20	0.7
antimony	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<250	<5.0	<50	<5.0	3
arsenic	<5.0	<50	<5.0	250	<5.0	<5.0	<5.0	6.4	11	<5.0	5.8	13	20	29	<250	<5.0	<50	15	50
beryllium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<250	<5.0	<50	<5.0	3
cadmium	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<250	<5.0	<50	<5.0	5
chromium	<25	67	73	<50	10	11	15	41	32	36	32	19	33	71	3300	4500	5800	54	50
copper	25	57	<25	<50	<10	<10	<10	<5.0	<5.0	5.3	<5.0	<5.0	<5.0	8.5	960	120	120	<25	200
lead	7.1	27	8.8	36	<5.0	<5.0	<5.0	<5.0	12	<5.0	<5.0	<5.0	<5.0	<5.0	<250	30	73	15	50
nickel	<25	75	34	<50	21	18	23	25	38	14	13	17	23	100	6400	910	1900	<50	100
selenium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<250	<5.0	<50	<5.0	10
silver	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<25	<250	<5.0	<50	<5.0	50
thallium	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<250	<5.0	<50	<5.0	0.5
zinc	30	230	330	130	18	54	17	100	64	13	<5.0	9.5	45	53	1100	1900	350	180	2,000

Notes: NYSDEC Ambient Water Quality Standards and Guidance Values as established in NYSDEC's TOGS 1.1.1.
All values in bold and shaded are in concentrations greater than the Ambient Water Quality Standards or Guidance Values.
All values are in µg/L or parts-per-billion (ppb).

Table 3-3 - Monitoring Well VOC Results-September 2010

Compound	MW-1S	MW-2S	MW-2D	MW-3S	MW-4S	MW-4D	MW-5S	MW-5D	MW-6S	MW-7S	MW-8S	MW-8D	MW-9S	MW-9M	MW-9D	MW-10S	MW-11D	MW-12S	NYSDEC Ambient Water Quality Standard/Guidance Value
1,1,1-trichloroethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
1,1,2,2-tetrachloroethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
1,1,2-trichloroethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1
1,1-dichloroethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
1,1-dichloroethene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
1,2-dichlorobenzene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3
1,2-dichloroethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.6
1,2-dichloropropane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1
1,3-dichlorobenzene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3
1,4-dichlorobenzene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	3
2-chloroethylvinyl ether	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	NE
Benzene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1
Bromodichloromethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	50
Bromoform	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	50
Bromomethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	5
carbon tetrachloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
Chlorobenzene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
Chloroethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	5
Chloroform	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	7
Chloromethane	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	<5.00	NE
cis-1,2-dichloropropene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NE
Dibromochloromethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	50
Dichlorodifluoromethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
ethyl benzene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
methylene chloride	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
tetrachloroethene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	1
toluene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
trans-1,2-dichloroethene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
trans-1,3-dichloropropene	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	0.4
trichloroethene	<1.00	<1.00	<1.00	<1.00	<1.00	31.9	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	2.08	<1.00	<1.00	5
Trichlorofluoromethane	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
vinyl chloride	<2.00	<2.00	<2.00	<2.00	4.62	<2.00	<2.00	<2.00	<2.00	<2.00	72.8	<2.00	<2.00	88.6	<2.00	<2.00	<2.00	<2.00	2
xylene (m,p)	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5
xylene (o)	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	5

Notes: NYSDEC Ambient Water Quality Standards and Guidance Values as established in NYSDEC's TOGS 1.1.1.
All values in bold and shaded are greater than the Ambient Water Quality Standards and Guidance Values. All values are in µg/L or parts-per-billion (ppb); NE = Not Established

SECTION 4 AIR SAMPLING

4.1 Combustible Gas Monitoring

On September 27, 2010 combustible gas monitoring was conducted at six (6) locations downwind of the landfill, and exhaust velocity and combustible gas readings were recorded from the landfill exhaust vents identified as V-3, V-9, V-11, V-12, and V-18. (At the time of sampling, vent V-10 was found lying on ground, broken at its base, and could not be sampled.) Combustible gas readings were measured using a VRAe Multi-Gas monitor. Wind velocity was measured using a Dwyer Thermo-Anemometer (Series 471), and overall weather conditions were recorded using a Davis Vantage Pro Weather Station. The landfill vent and downwind screening location area identified on attached Figure 4.

At the time of the sampling event, the wind direction was toward the northwest, at an average velocity of 354 feet per minute. The weather was overcast, with a temperature of 63° F, a barometric pressure of 29.93 inches of mercury, and a relative humidity of 74%. The barometric pressure trend was falling.

Initially, combustible gas measurements were performed at six (6) locations downwind (i.e., northwest) of the landfill. At each point, percent oxygen, percent of the lower explosive limit (LEL), hydrogen sulfide, and carbon monoxide readings were recorded. The measurements identified a consistent oxygen concentration at 20.6% at all locations, and no detectable concentrations of hydrogen sulfide or carbon monoxide. All combustible gas readings were at 0% of the LEL at the downwind locations.

In addition to the downwind perimeter locations, measurements for oxygen, hydrogen sulfide, carbon monoxide, lower explosive limit (LEL), and exhaust gas velocity were recorded at the designated landfill vents. The data recorded at the vents are summarized in Table 4-1 below.

Table 4-1
Landfill Gas Vent Field Measurement Data-September 2010

Vent I.D.	Exhaust Velocity (fpm) ¹	LEL (%)	O ₂ (%)	CO (ppm) ²	H ₂ S (ppm) ²
V-3	102	Over ³	10.1	ND ⁴	ND ⁴
V-9	87	Over ³	2.9	7	5
V-11	120	Over ³	2.9	6	6
V-12	103	Over ³	2.9	7	5
V-18	54	Over ³	3.1	4	4

Notes:

¹ fpm = feet-per-minute

² ppm = parts-per-million

³ Combustible gas reading exceeds upper limit of the instrument.

⁴ ND = compound not detected by instrument

4.2 Exhaust Gas Sampling and Laboratory Analysis

Grab air samples were collected at the three (3) landfill vents exhibiting the highest exhaust gas velocities, for laboratory analysis by USEPA Method TO-15. As the highest velocities were recorded at vents V-3, V-11, and V-12, these locations were selected for sampling. Samples were collected using pre-calibrated SUMMA Canisters supplied by the project air analysis laboratory, Galson Laboratories of East Syracuse, New York (New York State Department of Health ELAP I.D. Number 11626).

The total VOC concentrations (Table 5) observed from each of the sampled vents during the September 2010 sampling event vs. NYSDEC AGC and NYSDEC SGC values are listed in table 4-2 below. Copies of the laboratory analysis results and sample custody documentation relating to these air vent samples are contained in Appendix D.

Table 4-2
Landfill Gas Vent TO-15 Analysis Data-September 2010

Compound Name	NYSDEC SGC (ug/m ³)	NYSDEC AGC (ug/m ³)	V-3 (ug/m ³)	V-11 (ug/m ³)	V-12 (ug/m ³)	Duplicate
Propylene	NE	3,000.00	<5.0	<50	<50	<50
Freon-12	NE	12,000.00	<5.0	<50	<50	<50
Chloromethane	22,000.00	90	<5.0	<50	<50	<50
Freon-114	NE	17,000.00	<5.0	<50	<50	<50
Vinyl Chloride	180,000.00	0.11	<5.0	<50	<50	<50
1, 3-Butadiene	NE	0.033	<5.0	<50	<50	<50
Bromomethane	3,900.00	5	<5.0	<50	<50	<50
Chloroethane	NE	10,000.00	<5.0	<50	<50	<50
Vinyl Bromide	NE	3	<5.0	<50	<50	<50
Freon-11	68,000.00	1,000.00	<5.0	<50	<50	<50
Isopropyl Alcohol	98,000.00	7,000.00	<5.0	<50	<50	220
Acetone	180,000.00	28,000.00	<5.0	<50	<50	<50
1, 1-Dichloroethene	NE	70	<5.0	<50	<50	<50
Methylene Chloride	14,000.00	2.1	<5.0	<50	<50	<50
Freon-113	960,000.00	180,000.00	<5.0	<50	<50	<50
Allyl Chloride	600	1	<5.0	<50	<50	<50
Carbon Disulfide	6,200.00	700	<10	<100	<100	<100
trans-1, 2-Dichloroethene	NE	63	<5.0	<50	<50	<50
Methyl Tert-Butyl Ether	NE	3,000.00	<5.0	<50	<50	<50
1, 1-Dichloroethane	NE	0.63	<5.0	<50	<50	<50
Vinyl Acetate	5,300.00	200	<5.0	<50	<50	<50
Methyl Ethyl Ketone	13,000.00	5,000.00	<5.0	<50	<50	<50
cis-1, 2-Dichloroethylene	NE	63	<5.0	<50	<50	<50
Hexane	NE	700	<5.0	9700	6400	<50
Ethyl Acetate	NE	3,400.00	<5.0	<50	<50	<50
Chloroform	150	0.043	<5.0	<50	<50	<50
Tetrahydrofuran	30,000.00	350	<5.0	<50	<50	760
1, 2-Dichloroethane	NE	0.038	<5.0	<50	<50	<50
1, 1, 1-Trichloroethane	68,000.00	1,000.00	<5.0	<50	<50	<50
Cyclohexane	NE	6,000.00	<5.0	980	2000	<50
Carbon Tetrachloride	1,900.00	0.067	<5.0	<50	<50	<50
Benzene	1,300.00	0.13	<5.0	480	570	<50
1, 4-Dioxane	3,000.00	0.13	<20	<200	<200	<200
2, 2, 4-Trimethylpentane	NE	3,300.00	<5.0	3100	2200	2200
Heptane	210,000.00	3,900.00	<5.0	4900	4200	3800
1, 2-Dichloropropane	NE	4	<5.0	<50	<50	<50
Trichloroethylene	14,000.00	0.5	<5.0	<50	<50	<50
Bromodichloromethane	NE	0.02	<5.0	<50	<50	<50
cis-1,3-Dichloropropene	NE	0.25	<5.0	<50	<50	<50

SECTION 4

Air Sampling

Compound Name	NYSDEC SGC (ug/m ³)	NYSDEC AGC (ug/m ³)	V-3 (ug/m ³)	V-11 (ug/m ³)	V-12 (ug/m ³)	Duplicate
Toluene	37,000.00	5,000.00	<5.0	300	310	<50
Dibromochloromethane	14,000.00	2.1	<5.0	<50	<50	<50
Methyl Isobutyl Ketone	31,000.00	3,000.00	<20	<200	<200	<200
Methyl Butyl Ketone	4,000.00	48	<20	<200	<200	<200
1,2-Dibromoethane	NE	0.0017	<5.0	<50	<50	<50
Tetrachloroethylene	1,000.00	1	<5.0	<50	<50	<50
Chlorobenzene	NE	110	<5.0	<50	<50	<50
Ethylbenzene	54,000.00	1,000.00	<5.0	3300	1900	1900
Bromoform	NE	0.91	<5.0	<50	<50	<50
m & p-xylene	4,300.00	100	<10	510	<100	<100
Styrene	17,000.00	1,000.00	<5.0	<50	<50	<50
o-Xylene	4,300.00	100	<5.0	350	<50	<50
1,1,2,2-Tetrachloroethane	NE	16	<5.0	<50	<50	<50
4-Ethyltoluene	NE	NE	<5.0	160	<50	<50
1,3,5-Trimethylbenzene	NE	290	<5.0	230	<50	<50
1,2,4-Trimethylbenzene	NE	290	<5.0	150	<50	<50
1,3-Dichlorobenzene	30,000.00	360	<5.0	<50	<50	<50
Benzyl Chloride	240	0.02	<5.0	<50	<50	<50
1,4-Dichlorobenzene	NE	0.09	<5.0	<50	<50	<50
1,2-Dichlorobenzene	30,000.00	360	<5.0	<50	<50	<50

Notes: NYSDEC SGC and AGC Standards as established in NYSDEC's DAR-1 (Air Guide-1) Tables.

All values are in ug/m³

NE = Not Established

ND = None Detected

SECTION 5 SUMMARY**5.1 Groundwater**

As indicated in the tabulations included in Section 3, the Priority Pollutant Metals (total/unfiltered) analysis identified eight wells containing groundwater having concentrations of compounds exceeding the NYSDEC Ambient Water Quality Standard/Guidance Values. A table summarizing the results of Priority Pollutant Metals analysis on groundwater is included below.

Table 5-1
Summary of Exceeded Guidance Values – Priority Pollutant Metals

Compound	MW-2S	MW-2D	MW-3S	MW-9M	MW-9D	MW-10S	MW-11D	MW-12S	NYSDEC Ambient Water Quality Standard/Guidance Value
arsenic	<50	<5.0	250	29	<250	<5.0	<50	15	
chromium	67	73	<50	71	3300	4500	5800	54	50
copper	57	<25	<50	8.5	960	120	120	<25	200
lead	27	8.8	36	<5.0	<250	30	73	15	50
nickel	75	34	<50	100	6400	910	1900	<50	100

Laboratory analysis of VOC concentrations in the well water identified four wells with elevated levels of VOC. The wells had VOC concentrations above the NYSDEC Ambient Water Quality Standard/Guidance Values. A table summarizing the results of VOC analysis on groundwater is included below.

Table 5-2
Summary of Exceeded Guidance Values - VOC

Compound	MW-4S	MW-4D	MW-8S	MW-9M	NYSDEC Ambient Water Quality Standard/Guidance Value
trichloroethene	<1.00	31.9	<1.00	<1.00	5
vinyl chloride	4.62	<2.00	72.8	88.6	2

5.2 Surface Water

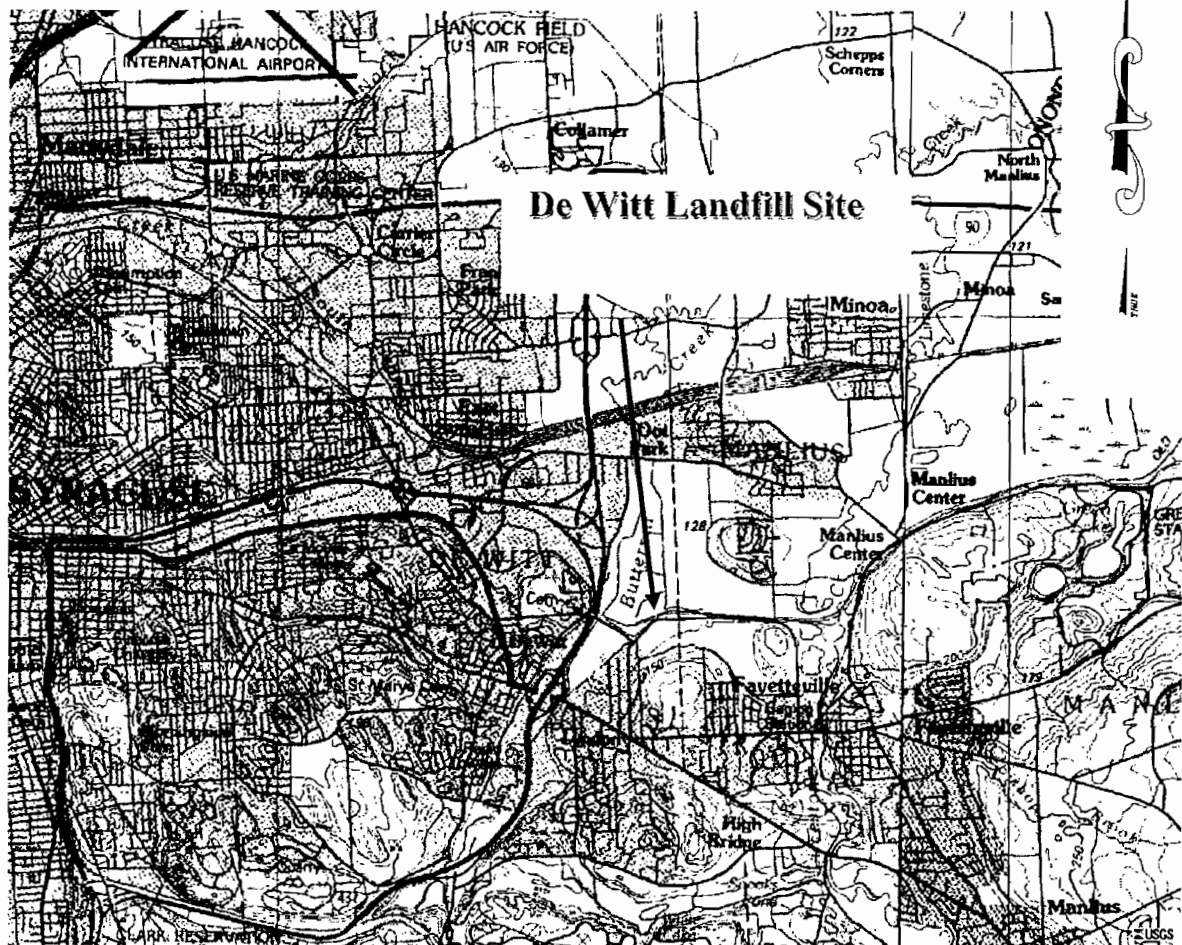
The Priority Pollutant Metals (total/unfiltered) analysis identified that both mercury and chromium were found in concentrations above the NYSDEC Ambient Water Quality Standard/Guidance Values for the surface water sample collected at SW-2. The volatile organic compound (VOC) analysis performed on surface water sample SW-1 by EPA

method 624, revealed that chlorobenzene and chloroethane were present at concentrations exceeding NYSDEC Ambient Water Quality Standard/Guidance. Chlorobenzene was reported as having a concentration of 7.63 ug/l and chloroethane a concentration of 25.7 ug/l, exceeding the Standard/Guidance values of 5 ug/l for each compound.

5.3 Air Monitoring

As the data from above indicates, two of the three vents sampled for VOC by EPA method TO15 had concentrations of compounds exceeding the NYSDEC Short-term/Annual Guidance Concentrations (SGC's/AGC's). Hexane, benzene, heptane, and ethylbenzene were discovered in both vents V-11 and V-12 in concentrations above SGC/AGC values.

Figure 1
Topographic Site Location Map



Date: 7/1/1985

Source: www.terraserverusa.com



Strategic Environmental, LLC
251 Water Street
Baldwinsville, NY 13027
Tel: 315.635.8936
Fax: 315.635.2380

SITE LOCATION MAP
De Witt Landfill
De Witt, NY
SE Project No: 10-727

FIGURE 1

Figure 2
Surface Water Locations

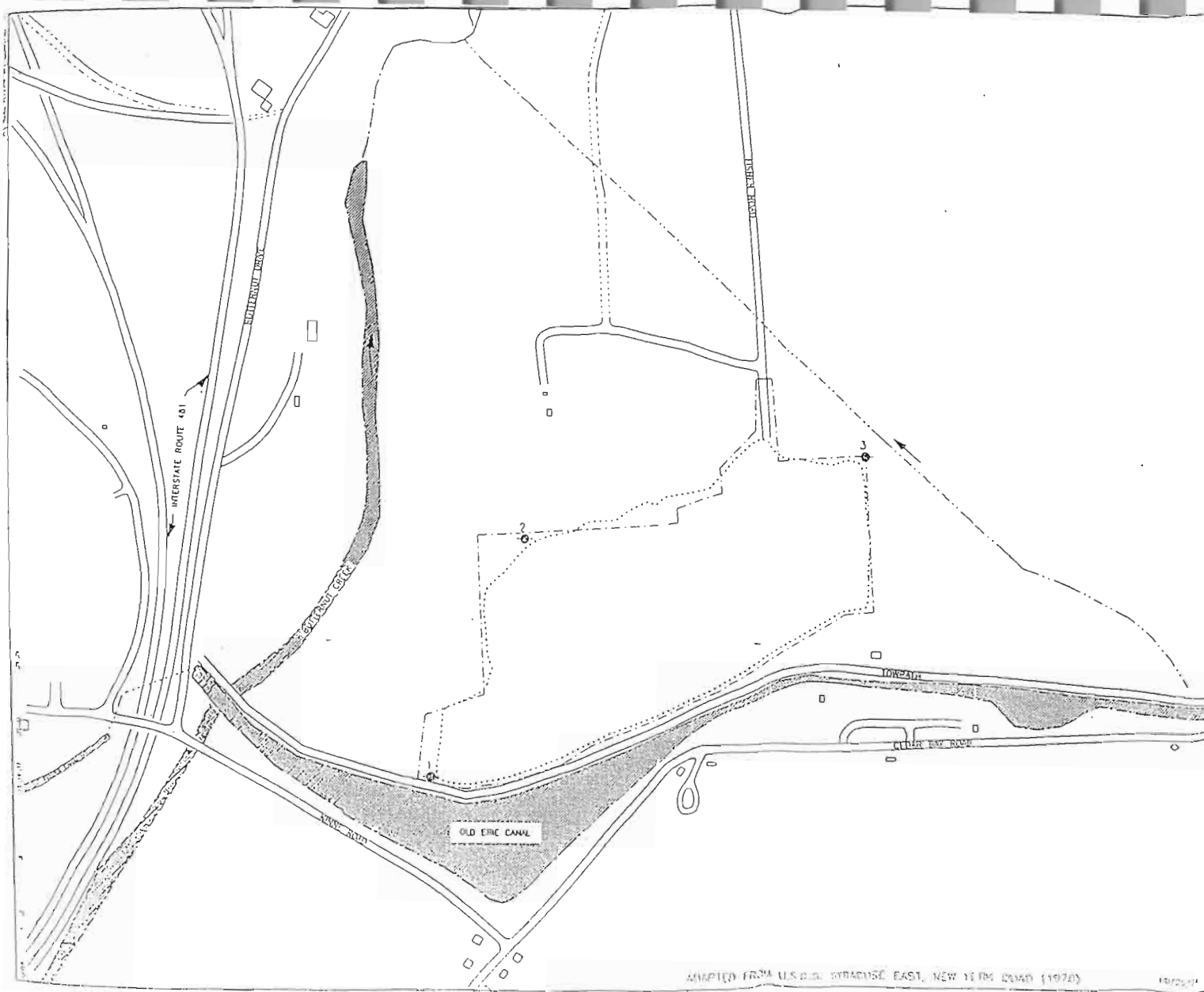


FIGURE 3
TOWN OF DEWITT LANDFILL
DEWITT, NEW YORK



LEGEND

- APPROXIMATE SURFACE WATER SAMPLE LOCATION
- PROPERTY BOUNDARY
- APPROXIMATE FILL LIMITS
- - - INTERMITTENT STREAM

SURFACE WATER
SAMPLING LOCATIONS

500 0 500
SCALE IN FEET

123.586

O'BRIEN & BERE
ENGINEERS, P.C.

ADAPTED FROM U.S.D.A. SYRACUSE EAST, NEW YORK (1978)

Figure 3
Monitoring Well Locations

FIGURE 2
TOWN OF DEWITT LANDFILL
DEWITT, NEW YORK

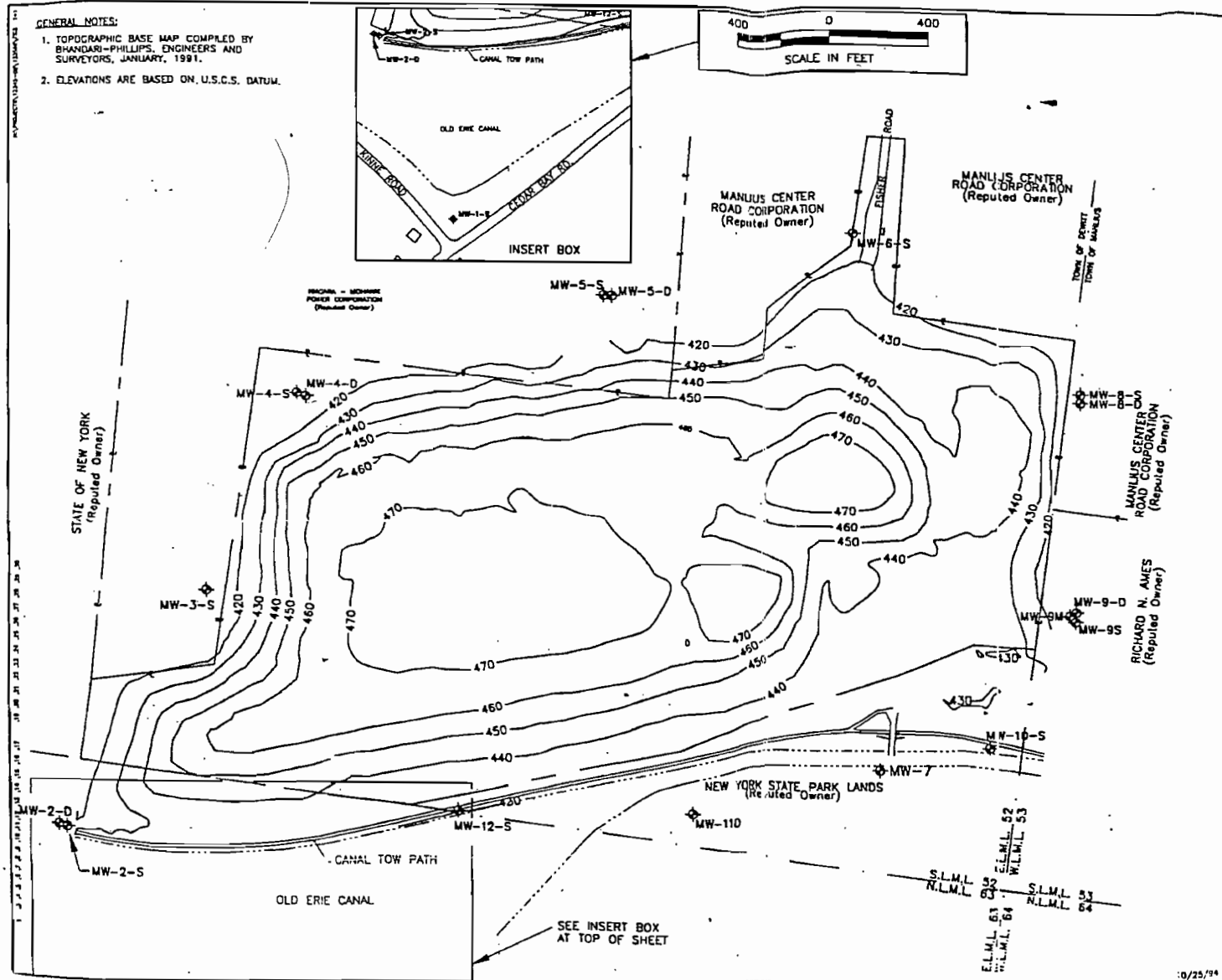
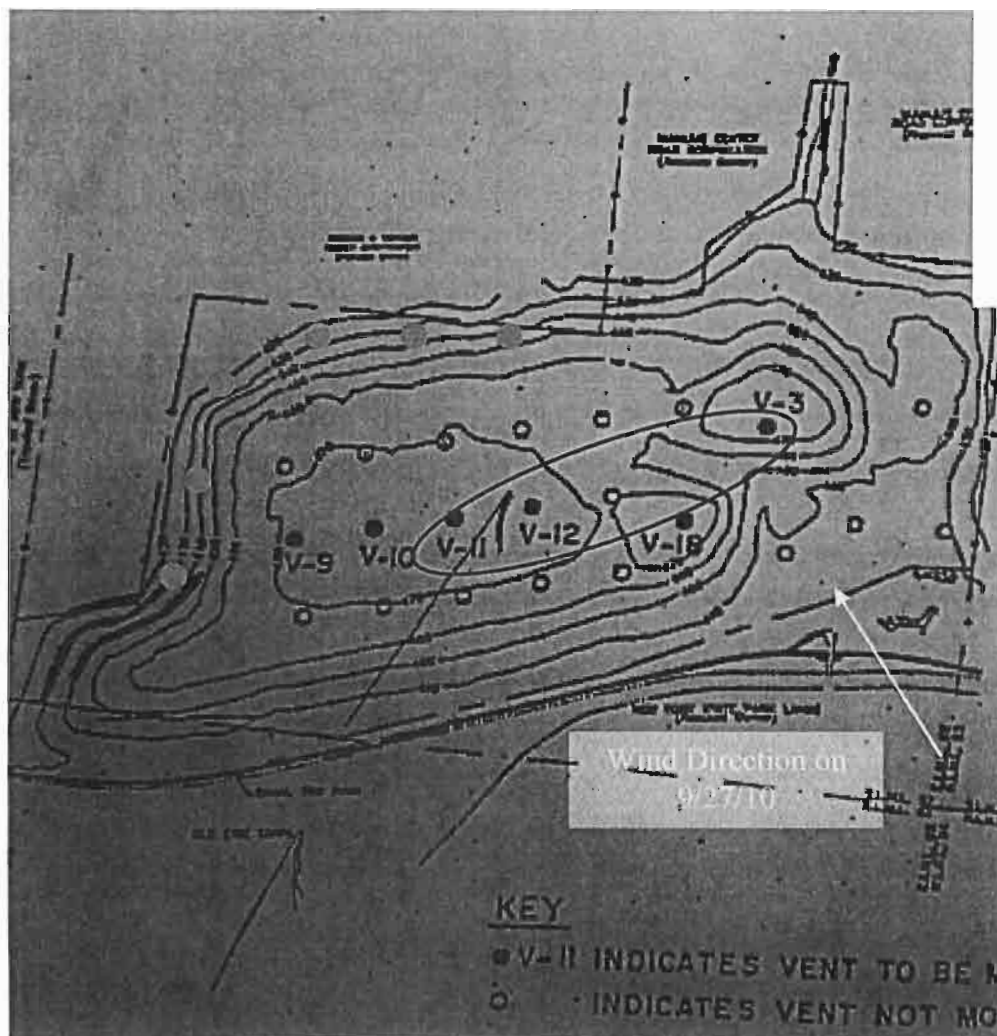


Figure 4
Combustible Gas Monitoring Locations



Key

- downwind sample locations
- location of sampled vents



Strategic Environmental, LLC
251 Water Street
Baldwinsville, NY 13027
Tel 315.635.3036
Fax 315.635.2380

Combustible Monitoring Locations
De Witt Landfill
De Witt, NY
SE Project No: 10-727

FIGURE 4

Appendix A
Monitoring Well Evacuation and Sampling Logs

Ground Water Sampling Log

Date: 9/17/10

Site Name: DeWitt Landfill

Site Location: DeWitt, NY

Personnel: Jamie Pentland, Strategic Environmental

Weather: Overcast, Low 60's

Well #: 1S

Project #:

Excavation Method: Manual Bailing

Depth of Well* 21.08 ft.
 Depth of Water * 13.32 ft.
 Length of Water Column 7.76 ft.
 Volume of Water in Well 1.3 gal.(s)
 3X Volume of Water in Well 3.8 gal.(s)
 Top of Well Elevation
 Water Table Elevation

Water Volume/ft. for:

2" Diameter Well = 0.163 x LWC

4" Diameter Well = 0.653 x LWC

6" Diameter Well = 1.469 x LWC

Volume removed before sampling ~2.5 gal.(s)

Did well go dry? No

*Measurements taken from X Top of Well Casing Top of Protective Casing Other Specify

Water parameters

Temperature Readings

Initial 13.20°C
 after 2.5 (gal.) 14.15 °C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.51
 after 2.5 (gal.) 7.38

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 2.14
 after 2.5 (gal.) 1.74

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 11:22

Physical Appearance:

1st Bail

Sample

Date	9/17/10	9/17/10
Color	Slightly Cloudy	Slightly Cloudy
Odor	None	None
Turbidity (> 100 NTUs)	47.0	31.0
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C; HCL	7.38	14.15	1.74
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final	
D.O.	5.56	mg/L		D.O.	3.76 mg/L
Sal	1.1	ppt		Sal	0.9 ppt
TDS	1.37	g/L		TDS	1.12 g/L
ORP	86	mV		ORP	85 mV

Ground Water Sampling Log

Date: 9/16/10

Weather: Rain, Mid 60's

Site Name: DeWitt Landfill

Well #: 2S

Site Location: DeWitt, NY

Project #: 10-727

Personnel: Jamie Pentland, Strategic Environmental

Excavation Method: Manual Bailing

		Water Volume/ft. for:
Depth of Well*	35.59 ft.	2" Diameter Well = 0.163 x LWC
Depth of Water *	12.71 ft.	4" Diameter Well = 0.653 x LWC
Length of Water Column	22.88 ft.	6" Diameter Well = 1.469 x LWC
Volume of Water in Well	3.7 gal.(s)	
3X Volume of Water in Well	11.2 gal.(s)	Volume removed before sampling ~11.5 gal.(s)
Top of Well Elevation		Did well go dry? No
Water Table Elevation		

*Measurements taken from X Top of Well Casing Top of Protective Casing Other Specify

Water parameters

Temperature Readings

Initial 13.97°C
After 11.5 (gal.) 13.62°C

pH Readings

4.0 Standard 4.0
7.0 Standard 7.0
10.0 Standard 10.0
Initial 7.49
after 11.5 (gal.) 7.29

Conductivity Readings

84 S Standard 84
1413 S Standard 1413
Initial 2.17
after 11.5 (gal.) 2.08

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 16:08

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Cloudy-grey	Cloudy-grey
Odor	Organic	Organic
Turbidity (> 100 NTUs)	190	0.0
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.29	13.62	2.08
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final	
D.O.	8.49	mg/L		D.O.	6.07 mg/L
Sal	1.38	ppt		Sal	1.1 ppt
TDS	1.1	g/L		TDS	1.33 g/L
ORP	-60	mV		ORP	-16 mV

Ground Water Sampling Log

Date: 9/16/10
 Site Name: DeWitt Landfill
 Site Location: DeWitt, NY
 Personnel: Jamie Pentland, Strategic Environmental
 Weather: Rain, Mid 60's
 Well #: 2D
 Project #: 10-727
 Excavation Method: Manual Bailing

Depth of Well* 51.98 ft.
 Depth of Water * 12.7 ft.
 Length of Water Column 39.28 ft.
 Volume of Water in Well 6.4 gal.(s)
 3X Volume of Water in Well 19.2 gal.(s)
 Top of Well Elevation
 Water Table Elevation
 Water Volume/ft. for:
 2" Diameter Well = 0.163 x LWC
 4" Diameter Well = 0.653 x LWC
 6" Diameter Well = 1.469 x LWC
 Volume removed before sampling ~21 gal.(s)
 Did well go dry? No

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 14.13°C
 After 21 (gal.) 13.98°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.74
 after 21 (gal.) 7.15

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 0.987
 after 21(gal.) 2.60

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 16:13

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Cloudy-grey	Cloudy-grey
Odor	Organic	Organic
Turbidity (> 100 NTUs)	224	262
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.15	13.98	2.60
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final	
D.O.	7.79	mg/L		D.O.	6.88 mg/L
Sal	0.5	ppt		Sal	1.3 ppt
TDS	0.632	g/L		TDS	1.66 g/L
ORP	-60	mV		ORP	-82 mV

Ground Water Sampling Log

Date: 9/16/10

Weather: Rain, Mid 60's

Site Name: DeWitt Landfill

Well #: 3S

Site Location: DeWitt, NY

Project #: 10-727

Personnel: Jamie Pentland, Strategic Environmental

Excavation Method: Manual Bailing

Depth of Well* 35.59 ft. Depth of Water * 2.91 ft. Length of Water Column 32.68 ft. Volume of Water in Well 5.3 gal.(s) 3X Volume of Water in Well 16.0 gal.(s) Top of Well Elevation Water Table Elevation	Water Volume/ft. for: 2" Diameter Well = 0.163 x LWC 4" Diameter Well = 0.653 x LWC 6" Diameter Well = 1.469 x LWC Volume removed before sampling ~16 gal.(s) Did well go dry? No
--	---

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 11.24°C
 After 16 (gal.) 10.50°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.38
 after 16 (gal.) 7.24

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 3.04
 after 16(gal.) 2.95

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 14:08

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Cloudy-white	Clear
Odor	Organic	Organic
Turbidity (> 100 NTUs)	142	0
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.21	10.50	2.95
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

Initial D.O. 1.73 mg/L Sal 1.6 ppt TDS 1.94 g/L ORP -54 mV	Final D.O. 5.71 mg/L Sal 1.5 ppt TDS 1.89 g/L ORP -17 mV
---	---

Ground Water Sampling Log

Date: 9/16/10 Weather: Rain, Mid 60's
 Site Name: DeWitt Landfill Well #: 4S
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Depth of Well* 19.98 ft. Water Volume/ft. for:
 Depth of Water * 2.07 ft. 2" Diameter Well = 0.163 x LWC
 Length of Water Column 17.91 ft. 4" Diameter Well = 0.653 x LWC
 Volume of Water in Well 2.9 gal.(s) 6" Diameter Well = 1.469 x LWC
 3X Volume of Water in Well 8.8 gal.(s) Volume removed before sampling ~9 gal.(s)
 Top of Well Elevation Did well go dry? No
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 11.70°C
 After 9 (gal.) 11.04°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.19
 after 9 (gal.) 7.34

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 3.00
 after 9 (gal.) 3.23

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 15:08

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Cloudy	Cloudy
Odor	Slight organic	Slight organic
Turbidity (> 100 NTUs)	385	322
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.34	11.04	3.23
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final
D.O.	18.00 mg/L		D.O.	3.2 mg/L
Sal	1.5 ppt		Sal	1.7 ppt
TDS	1.92 g/L		TDS	2.07 g/L
ORP	-50 mV		ORP	-111 mV

Ground Water Sampling Log

Date: 9/16/10

Site Name: DeWitt Landfill

Site Location: DeWitt, NY

Personnel: Jamie Pentland, Strategic Environmental

Weather: Rain, Mid 60's

Well #: 4D

Project #: 10-727

Excavation Method: Manual Bailing

Depth of Well* 35.27 ft. Depth of Water * 1.58 ft. Length of Water Column 33.69 ft. Volume of Water in Well 5.5 gal.(s) 3X Volume of Water in Well 16.5 gal.(s) Top of Well Elevation Water Table Elevation	Water Volume/ft. for: 2" Diameter Well = 0.163 x LWC 4" Diameter Well = 0.653 x LWC 6" Diameter Well = 1.469 x LWC Volume removed before sampling ~16 gal.(s) Did well go dry? No
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*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 11.21°C
After 16.5 (gal.) 11.50°C

pH Readings

4.0 Standard 4.0
7.0 Standard 7.0
10.0 Standard 10.0
Initial 6.52
after 16.5 (gal.) 7.11

Conductivity Readings

84 S Standard 84
1413 S Standard 1413
Initial 7.67
after 16.5 (gal.) 3.15

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 15:16

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Cloudy	Cloudy
Odor	Slight organic	Slight organic
Turbidity (> 100 NTUs)	60.2	14.9
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C; HCL	7.11	11.50	3.15
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

Initial D.O. 6.82 mg/L Sal 4.2 ppt TDS 4.83 g/L ORP -78 mV	Final D.O. 4.14 mg/L Sal 1.6 ppt TDS 2.02 g/L ORP -37 mV
---	---

Ground Water Sampling Log

Date: 9/16/10

Site Name: DeWitt Landfill

Site Location: DeWitt, NY

Personnel: Jamie Pentland, Strategic Environmental

Weather: Rain, Mid 60's

Well #: 5S

Project #: 10-727

Excavation Method: Manual Bailing

Depth of Well*	26.59 ft.	Water Volume/ft. for:
Depth of Water *	2.91 ft.	2" Diameter Well = 0.163 x LWC
Length of Water Column	23.68 ft.	4" Diameter Well = 0.653 x LWC
Volume of Water in Well	3.9 gal.(s)	6" Diameter Well = 1.469 x LWC
3X Volume of Water in Well	11.6 gal.(s)	Volume removed before sampling ~11.5 gal.(s)
Top of Well Elevation		Did well go dry? No
Water Table Elevation		

*Measurements taken from X Top of Well Casing Top of Protective Casing Other Specify

Water parameters

Temperature Readings

Initial 13.09°C
After 11.5 (gal.) 12.32°C

pH Readings

4.0 Standard 4.0
7.0 Standard 7.0
10.0 Standard 10.0
Initial 7.32
after 11.5 (gal.) 7.01

Conductivity Readings

84 S Standard 84
1413 S Standard 1413
Initial 3.07
after 11.5 (gal.) 3.09

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 13:17

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Cloudy	Cloudy-darker
Odor	organic	organic
Turbidity (> 100 NTUs)	0	523
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.01	12.32	3.09
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

Initial D.O. 4.73 mg/L Sal 1.6 ppt TDS 2.03 g/L ORP -100 mV	Final D.O. 6.62 mg/L Sal 1.6 ppt TDS 1.98 g/L ORP -4 mV
--	--

Ground Water Sampling Log

Date: 9/16/10 Weather: Rain, Mid 60's
 Site Name: DeWitt Landfill Well #: 5D
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Water Volume/ft. for:
 Depth of Well* 45.19 ft. 2" Diameter Well = 0.163 x LWC
 Depth of Water * 2.27 ft. 4" Diameter Well = 0.653 x LWC
 Length of Water Column 42.92 ft. 6" Diameter Well = 1.469 x LWC
 Volume of Water in Well 7.0 gal.(s)
 3X Volume of Water in Well 21.0 gal.(s) Volume removed before sampling ~21 gal.(s)
 Top of Well Elevation Did well go dry? No
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casing Other Specify

Water parameters

Temperature Readings

 Initial 13.58°C
 After 21 (gal.) 12.90°C

pH Readings
 4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 6.85
 after 21 (gal.) 7.17

Conductivity Readings
 84 S Standard 84
 1413 S Standard 1413
 Initial 3.19
 after 21 (gal.) 3.82

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 13:42

Physical Appearance:	<u>1st Bail</u>	<u>Sample</u>
Date	9/16/10	9/16/10
Color	Cloudy	Cloudy
Odor	organic	organic
Turbidity (> 100 NTUs)	469	72.8
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.17	12.90	3.09
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial		Final
D.O.	8.04 mg/L	D.O.	4.69 mg/L
Sal	1.7 ppt	Sal	2.45 ppt
TDS	2.03 g/L	TDS	2.0 g/L
ORP	-1 mV	ORP	-16 mV

Ground Water Sampling Log

Date: 9/16/10 Weather: Rain, Mid 60's
 Site Name: DeWitt Landfill Well #: 6S
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Depth of Well* 24.74 ft. Water Volume/ft. for:
 Depth of Water * 4.23 ft. 2" Diameter Well = 0.163 x LWC
 Length of Water Column 20.51 ft. 4" Diameter Well = 0.653 x LWC
 Volume of Water in Well 3.3 gal.(s) 6" Diameter Well = 1.469 x LWC
 3X Volume of Water in Well 10 gal.(s) Volume removed before sampling ~8.3 gal.(s)
 Top of Well Elevation Did well go dry? No
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 11.70°C
 After 8.3 (gal.) 11.55°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.63
 after 8.3 (gal.) 7.35

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 2.84
 after 8.3 (gal.) 2.00

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 10:30

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	Brown	Cloudy
Odor	slight organic	slight organic
Turbidity (> 100 NTUs)	35	671
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.35	11.55	2.00
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial		Final
D.O.	1.32 mg/L	D.O.	2.70 mg/L
Sal	1.4 ppt	Sal	1.0 ppt
TDS	1.78 g/L	TDS	1.28 g/L
ORP	-74 mV	ORP	-45 mV

Ground Water Sampling Log

Date: 9/17/10 Weather: Overcast, Low 60's
 Site Name: DeWitt Landfill Well #: 7S
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Depth of Well* 22.38 ft. Water Volume/ft. for:
 Depth of Water * 14.59 ft. 2" Diameter Well = 0.163 x LWC
 Length of Water Column 7.79 ft. 4" Diameter Well = 0.653 x LWC
 Volume of Water in Well 1.3 gal.(s) 6" Diameter Well = 1.469 x LWC
 3X Volume of Water in Well 3.8 gal.(s) Volume removed before sampling ~2.5 gal.(s)
 Top of Well Elevation Did well go dry? No
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 19.85°C
 After 2.5 (gal.) 19.96°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.74
 after 2.5 (gal.) 7.52

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 1.94
 after 2.5 (gal.) 1.75

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 10:49

Physical Appearance:

1st Bail

Sample

Date	9/17/10	9/17/10
Color	Slightly Cloudy	Cloudy Brown
Odor	organic	organic
Turbidity (> 100 NTUs)	15.0	152
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.52	19.96	1.75
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial		Final
D.O.	2.51 mg/L	D.O.	1.44 mg/L
Sal	1.0 ppt	Sal	0.9 ppt
TDS	1.24 g/L	TDS	1.12 g/L
ORP	64 mV	ORP	47 mV

Ground Water Sampling Log

Date: 9/15/10

Weather: Overcast, Low 60's

Site Name: DeWitt Landfill

Well #: 8S

Site Location: DeWitt, NY

Project #: 10-727

Personnel: Jamie Pentland, Strategic Environmental

Excavation Method: Manual Bailing

Depth of Well* 29.24 ft. Depth of Water * 0.25 ft. Length of Water Column 28.99 ft. Volume of Water in Well 4.7 gal.(s) 3X Volume of Water in Well 14.2 gal.(s) Top of Well Elevation Water Table Elevation	Water Volume/ft. for: 2" Diameter Well = 0.163 x LWC 4" Diameter Well = 0.653 x LWC 6" Diameter Well = 1.469 x LWC Volume removed before sampling ~14 gal.(s) Did well go dry? No
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*Measurements taken from ☒ Top of Well Casing ☐ Top of Protective Casing ☐ Other Specify

Water parameters

Temperature Readings

Initial 10.4°C
 After 14 (gal.) 10.31°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.46
 after 14 (gal.) 7.34

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 3.78
 after 14 (gal.) 1.54

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 16:05

Physical Appearance:

1st Bail

Sample

Date	9/15/10	9/15/10
Color	Cloudy	Slightly Cloudy
Odor	organic	none
Turbidity (> 100 NTUs)	76.2	21.8
Sheen/Free Product	yes	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C; HCL	7.34	10.31	1.54
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

Initial D.O. 1.05 mg/L Sal 0.6 ppt TDS 1.06 g/L ORP -38 mV	Final D.O. 1.22 mg/L Sal 0.8 ppt TDS 0.987 g/L ORP -50 mV
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Ground Water Sampling Log

Date: 9/15/10 Weather: Light Rain, Mid 50's
 Site Name: DeWitt Landfill Well #: 8D
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Depth of Well* 61.32 ft. Water Volume/ft. for:
 Depth of Water * 0.92 ft. 2" Diameter Well = 0.163 x LWC
 Length of Water Column 49.03 ft. 4" Diameter Well = 0.653 x LWC
 Volume of Water in Well 9.8 gal.(s) 6" Diameter Well = 1.469 x LWC
 3X Volume of Water in Well 29.5 gal.(s) Volume removed before sampling ~25 gal.(s)
 Top of Well Elevation Did well go dry? No
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters					
<u>Temperature Readings</u>		<u>pH Readings</u>		<u>Conductivity Readings</u>	
Initial 12.56°C		4.0 Standard 4.0		84 S Standard 84	
After 25 (gal.) 10.77°C		7.0 Standard 7.0		1413 S Standard 1413	
		10.0 Standard 10.0		Initial 3.14	
		Initial 7.41		after 25 (gal.) 2.56	
		after 25 (gal.) 7.27			

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 16:15

Physical Appearance:	1 st Bail	Sample
Date	9/15/10	9/15/10
Color	Cloudy	Clear
Odor	none	none
Turbidity (> 100 NTUs)	35.8	3.0
Sheen/Free Product	yes	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.27	10.79	2.56
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial		Final
D.O.	3.61 mg/L	D.O.	3.06 mg/L
Sal	1.6 ppt	Sal	1.3 ppt
TDS	2.00 g/L	TDS	1.64 g/L
ORP	-17 mV	ORP	-33 mV

Ground Water Sampling Log

Date: 9/14/10 Weather: Light Rain, Low 60's
 Site Name: DeWitt Landfill Well #: 9S
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Depth of Well* 12.39 ft. Water Volume/ft. for:
 Depth of Water * 1.8 ft. 2" Diameter Well = 0.163 x LWC
 Length of Water Column 10.59 ft. 4" Diameter Well = 0.653 x LWC
 Volume of Water in Well 1.7 gal.(s) 6" Diameter Well = 1.469 x LWC
 3X Volume of Water in Well 5.2 gal.(s) Volume removed before sampling ~2.5 gal.(s)
 Top of Well Elevation Did well go dry? No
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casing Other Specify

Water parameters

Temperature Readings

Initial 13.20°C
 After 2.5 (gal.) 13.38°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.64
 after 2.5 (gal.) 7.25

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 2.38
 after 2.5 (gal.) 1.80

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 15:31

Physical Appearance:	<u>1st Bail</u>	<u>Sample</u>
Date	9/14/10	9/14/10
Color	Cloudy/white	Cloudy
Odor	slight sulfur	slight sulfur
Turbidity (> 100 NTUs)	28.4	100
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.25	13.38	1.80
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial		Final
D.O.	1.11 mg/L	D.O.	1.89 mg/L
Sal	1.2 ppt	Sal	0.9 ppt
TDS	1.52 g/L	TDS	1.15 g/L
ORP	-94 mV	ORP	-70 mV

Ground Water Sampling Log

Date: 9/14/10
 Site Name: DeWitt Landfill
 Site Location: DeWitt, NY
 Personnel: Jamie Pentland, Strategic Environmental
 Weather: Light Rain, Low 60's
 Well #: 9M
 Project #: 10-727
 Excavation Method: Manual Bailing

Depth of Well* 38.03 ft.
 Depth of Water * 2.21 ft.
 Length of Water Column 35.82 ft.
 Volume of Water in Well 5.8 gal.(s)
 3X Volume of Water in Well 17.5 gal.(s)
 Top of Well Elevation
 Water Table Elevation

Water Volume/ft. for:
 2" Diameter Well = 0.163 x LWC
 4" Diameter Well = 0.653 x LWC
 6" Diameter Well = 1.469 x LWC

Volume removed before sampling ~16 gal.(s)
 Did well go dry? No

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 12.54°C
 After 16 (gal.) 11.74°C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 7.88
 after 16(gal.) 7.00

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 5.29
 after 16 (gal.) 3.29

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 15:20

Physical Appearance:

1st Bail

Sample

Date	9/14/10	9/14/10
Color	Clear	Clear
Odor	sulfur	none
Turbidity (> 100 NTUs)	10.6	10.8
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.00	11.74	3.29
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final	
D.O.	1.57	mg/L		D.O.	2.73 mg/L
Sal	2.8	ppt		Sal	1.7 ppt
TDS	3.30	g/L		TDS	2.10 g/L
ORP	-70	mV		ORP	-44 mV

Ground Water Sampling Log

Date: 9/14/10 Weather: Light Rain, Low 60's
 Site Name: DeWitt Landfill Well #: 9D
 Site Location: DeWitt, NY Project #: 10-727
 Personnel: Jamie Pentland, Strategic Environmental Excavation Method: Manual Bailing

Depth of Well* 55.1 ft. Water Volume/ft. for:
 Depth of Water * 46.56 ft. 2" Diameter Well = 0.163 x LWC
 Length of Water Column 8.54 ft. 4" Diameter Well = 0.653 x LWC
 Volume of Water in Well 1.4 gal.(s) 6" Diameter Well = 1.469 x LWC
 3X Volume of Water in Well 4.2 gal.(s) Volume removed before sampling ~4.5 gal.(s)
 Top of Well Elevation Did well go dry? yes
 Water Table Elevation

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 12.56°C
 After 4.5 (gal.) °C

pH Readings

4.0 Standard 4.0
 10.0 Standard 10.0
 Initial 7.6
 after 4.5(gal.)

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial
 after 4.5 (gal.)

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 15:20

Physical Appearance: 1st Bail Sample

Date 9/14/10
 Color Cloudy white
 Odor nonr
 Turbidity (> 100 NTUs) 42.2
 Sheen/Free Product None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL			
500 mL	Plastic	1	No	4°C ; HNO3			

NOTES: Additional water parameters:

	Initial		Final	
D.O.	0.32 mg/L		D.O.	mg/L
Sal	NR ppt		Sal	ppt
TDS	NR g/L		TDS	g/L
ORP	NR mV		ORP	mV

*NR – Not reported due to equipment malfunction, reading of "Error".

Ground Water Sampling Log

Date: 9/14/10
 Site Name: DeWitt Landfill
 Site Location: DeWitt, NY
 Personnel: Jamie Pentland, Strategic Environmental
 Weather: Mostly Cloudy, Mid 50's
 Well #: 10S
 Project #: 10-727
 Excavation Method: Manual Bailing

Depth of Well* 20.62 ft.
 Depth of Water * 11.33 ft.
 Length of Water Column 9.29 ft.
 Volume of Water in Well 1.5 gal.(s)
 3X Volume of Water in Well 4.5 gal.(s)
 Top of Well Elevation
 Water Table Elevation
 Water Volume/ft. for:
 2" Diameter Well = 0.163 x LWC
 4" Diameter Well = 0.653 x LWC
 6" Diameter Well = 1.469 x LWC
 Volume removed before sampling ~3.2 gal.(s)
 Did well go dry? no

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 17.61°C
 After 3.2 (gal.) 17.33 °C

pH Readings

4.0 Standard 4.0
 7.0 Standard 7.0
 10.0 Standard 10.0
 Initial 6.80
 after 3.2 (gal.) 6.95

Conductivity Readings

84 S Standard 84
 1413 S Standard 1413
 Initial 1.89
 after 3.2 (gal.) 1.80

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 16:45

Physical Appearance:

1st Bail

Sample

Date	9/15/10	9/15/10
Color	Clear	Brown
Odor	Organic	Organic
Turbidity (> 100 NTUs)	28.8	373.0
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	6.95	17.33	1.80
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final	
D.O.	2.36	mg/L	D.O.	1.64	mg/L
Sal	1.0	ppt	Sal	0.9	ppt
TDS	1.22	g/L	TDS	1.15	g/L
ORP	-72.0	mV	ORP	-31	mV

Ground Water Sampling Log

Date: 9/16/10

Site Name: DeWitt Landfill

Site Location: DeWitt, NY

Personnel: Jamie Pentland, Strategic Environmental

Weather: Rainy, Mid 60's

Well #: 11D

Project #: 10-727

Excavation Method: Manual Bailing

Depth of Well* 39.45 ft.

Depth of Water * 31.23 ft.

Length of Water Column 8.22 ft.

Volume of Water in Well 1.3 gal.(s)

3X Volume of Water in Well 4.0gal.(s)

Top of Well Elevation

Water Table Elevation

Water Volume/ft. for:

2" Diameter Well = 0.163 x LWC

4" Diameter Well = 0.653 x LWC

6" Diameter Well = 1.469 x LWC

Volume removed before sampling ~2.5 gal.(s)

Did well go dry? no

*Measurements taken from X Top of Well Casing Top of Protective Casing Other Specify

Water parameters

Temperature Readings

Initial 12.51°C

After 2.5 (gal.) 12.15 °C

pH Readings

4.0 Standard 4.0

7.0 Standard 7.0

10.0 Standard 10.0

Initial 7.83

after 2.5 (gal.) 7.53

Conductivity Readings

84 S Standard 84

1413 S Standard 1413

Initial 1.05

after 2.5 (gal.) 1.03

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 11:40

Physical Appearance:

1st Bail

Sample

Date 9/16/10

9/16/10

Color Brown-Cloudy

Brown-Cloudy

Odor none

none

Turbidity (> 100 NTUs) Error Reading

Error Reading

Sheen/Free Product None

None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.53	12.15	1.03
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Initial			Final	
D.O.	6.67	mg/L		5.65	mg/L
Sal	0.5	ppt		0.5	ppt
TDS	0.668	g/L		0.565	g/L
ORP	93	mV		50	mV

Ground Water Sampling Log

Date: 9/16/10

Weather: Rainy, Mid 60's

Site Name: DeWitt Landfill

Well #: 12S

Site Location: DeWitt, NY

Project #: 10-727

Personnel: Jamie Pentland, Strategic Environmental

Excavation Method: Manual Bailing

		Water Volume/ft. for:
Depth of Well*	23.01 ft.	2" Diameter Well = 0.163 x LWC
Depth of Water *	10.31 ft.	4" Diameter Well = 0.653 x LWC
Length of Water Column	12.7 ft.	6" Diameter Well = 1.469 x LWC
Volume of Water in Well	2.1 gal.(s)	
3X Volume of Water in Well	6.2 gal.(s)	Volume removed before sampling ~6.5 gal.(s)
Top of Well Elevation		Did well go dry? no
Water Table Elevation		

*Measurements taken from X Top of Well Casing Top of Protective Casting Other Specify

Water parameters

Temperature Readings

Initial 15.78°C
After 6.5 (gal.) 18.46 °C

pH Readings

4.0 Standard 4.0
7.0 Standard 7.0
10.0 Standard 10.0
Initial 7.11
after 6.5 (gal.) 7.23

Conductivity Readings

84 S Standard 84
1413 S Standard 1413
Initial 2.15
after 6.5 (gal.) 1.73

Water Samples: Collected for EPA Method 624 and Priority Pollutant Metals analysis

Time Collected: 11:40

Physical Appearance:

1st Bail

Sample

Date	9/16/10	9/16/10
Color	cloudy-brown	cloudy-brown
Odor	organic	organic
Turbidity (> 100 NTUs)	73.4	646
Sheen/Free Product	None	None

Parameters of Samples:

Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivity
40 mL	Glass	2	No	4°C ; HCL	7.23	18.46	1.73
500 mL	Plastic	1	No	4°C; HNO3			

NOTES: Additional water parameters:

	Final
Initial	
D.O. 2.17 mg/L	D.O. 4.77 mg/L
Sal 1.1 ppt	Sal 0.9 ppt
TDS 1.38 g/L	TDS 1.11 g/L
ORP -78 mV	ORP -92 mV

Appendix B

Laboratory Analysis Results and Custody Documentation – Surface and Ground Water



Environmental LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0526, (800) 842-4667

Analysis Testing:
• Organics
• Inorganics
• Metals
• Wetchemistr
• Microbiology
• Asbestos
Field Sampling
Courier Service

Laboratory Analysis Report

STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556589	CLIENT SAMPLE ID: W-8-S			DATE/TIME SAMPLED: 09/15/10 @ 16:05	
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	5.8	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	32	UG/L	09/27/10	EPA 6020	CRI
copper	<5.0	UG/L	09/27/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	13	UG/L	09/27/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	<5.0	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556590	CLIENT SAMPLE ID: W-8-S			DATE/TIME SAMPLED: 09/15/10 @ 16:05	
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI

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Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556590 CLIENT SAMPLE ID: W-8-S DATE/TIME SAMPLED: 09/15/10 @ 16:05					
Volatile - 624 W/MTBE					
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	72.8	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI

Surrogate (fluorobenzene): 98 % recovery, (toluene-d8): 100 % recovery, (bromofluorobenzene): 93 % recovery, (1,2-dichlorobenzene-d4): 98 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556591 CLIENT SAMPLE ID: W-10-S DATE/TIME SAMPLED: 09/15/10 @ 16:45					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	4500	UG/L	09/27/10	EPA 6020	CRI
copper	120	UG/L	09/27/10	EPA 6020	CRI
lead	30	UG/L	09/27/10	EPA 6020	CRI
nickel	910	UG/L	09/27/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	1900	UG/L	09/28/10	EPA 6020	CRI



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Site Address:
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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556591 CLIENT SAMPLE ID: W-10-S Metals Digestion			09/23/10	DATE/TIME SAMPLED: 09/15/10 @ 16:45 EPA 3005A	RIC
SAMPLE #: 556592 CLIENT SAMPLE ID: W-10-S Volatile - 624 W/MTBE				DATE/TIME SAMPLED: 09/15/10 @ 16:45	
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	2.08	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI

Surrogate (fluorobenzene): 100 % recovery, (toluene-d8): 99 % recovery, (bromofluorobenzene): 94 % recovery, (1,2-dichlorobenzene-d4): 103 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556593 CLIENT SAMPLE ID: W-9-D

DATE/TIME SAMPLED: 09/15/10 @ 15:15



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
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Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556593	CLIENT SAMPLE ID:	W-9-D	DATE/TIME SAMPLED: 09/15/10 @ 15:15		
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<250	UG/L	09/29/10	EPA 6020	CRI
arsenic	<250	UG/L	09/29/10	EPA 6020	CRI
beryllium	<250	UG/L	09/29/10	EPA 6020	CRI
cadmium	<250	UG/L	09/29/10	EPA 6020	CRI
chromium	3300	UG/L	09/29/10	EPA 6020	CRI
copper	960	UG/L	09/29/10	EPA 6020	CRI
lead	<250	UG/L	09/29/10	EPA 6020	CRI
nickel	6400	UG/L	09/29/10	EPA 6020	CRI
selenium	<250	UG/L	09/29/10	EPA 6020	CRI
silver	<250	UG/L	09/29/10	EPA 6020	CRI
thallium	<250	UG/L	09/29/10	EPA 6020	CRI
zinc	1100	UG/L	09/29/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556594	CLIENT SAMPLE ID:	W-9-D	DATE/TIME SAMPLED: 09/15/10 @ 15:15		
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI



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25 1/2 Water Street

Baldwinsville, NY 13027
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Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556594 CLIENT SAMPLE ID: W-9-D			DATE/TIME SAMPLED: 09/15/10 @ 15:15		
Volatile - 624 W/MTBE					
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI
Surrogate (fluorobenzene): 104 % recovery,(toluene-d8): 90 % recovery,(bromofluorobenzene): 94 % recovery,(1,2-dichlorobenzene-d4): 104 % recovery. Surrogate recovery acceptance limits are 85-115%					
SAMPLE #: 556595 CLIENT SAMPLE ID: W-9-S			DATE/TIME SAMPLED: 09/15/10 @ 15:31		
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	20	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	33	UG/L	09/27/10	EPA 6020	CRI
copper	<5.0	UG/L	09/27/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	23	UG/L	09/27/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	45	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556596 CLIENT SAMPLE ID: W-9-S			DATE/TIME SAMPLED: 09/15/10 @ 15:31		
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
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Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556596 CLIENT SAMPLE ID: W-9-S DATE/TIME SAMPLED: 09/15/10 @ 15:31					
Volatile - 624 W/MTBE					
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI

Surrogate (fluorobenzene): 97 % recovery, (toluene-d8): 98 % recovery, (bromofluorobenzene): 94 % recovery, (1,2-dichlorobenzene-d4): 102 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556597 CLIENT SAMPLE ID: W-9-M DATE/TIME SAMPLED: 09/15/10 @ 15:20					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW, SHW)					
antimony	<25	UG/L	09/28/10	EPA 6020	CRI
arsenic	29	UG/L	09/28/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<25	UG/L	09/28/10	EPA 6020	CRI
chromium	71	UG/L	09/27/10	EPA 6020	CRI
copper	8.5	UG/L	09/27/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	100	UG/L	09/27/10	EPA 6020	CRI



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556597 CLIENT SAMPLE ID: W-9-M DATE/TIME SAMPLED: 09/15/10 @ 15:20					
PP Metals (GW,SHW)					
selenium	<25	UG/L	09/28/10	EPA 6020	CRI
silver	<25	UG/L	09/28/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	53	UG/L	09/28/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556598 CLIENT SAMPLE ID: W-9-M DATE/TIME SAMPLED: 09/15/10 @ 15:20					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	88.6	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI



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Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556598 CLIENT SAMPLE ID: W-9-M DATE/TIME SAMPLED: 09/15/10 @ 15:20					
Volatile - 624 W/MTBE					
Surrogate (fluorobenzene): 98 % recovery, (toluene-d8): 97 % recovery, (bromofluorobenzene): 96 % recovery, (1,2-dichlorobenzene-d4): 100 % recovery. Surrogate recovery acceptance limits are 85-115%					
SAMPLE #: 556599 CLIENT SAMPLE ID: W-8-D DATE/TIME SAMPLED: 09/15/10 @ 16:15					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	13	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	19	UG/L	09/27/10	EPA 6020	CRI
copper	<5.0	UG/L	09/27/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	17	UG/L	09/27/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	9.5	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556600 CLIENT SAMPLE ID: W-8-D DATE/TIME SAMPLED: 09/15/10 @ 16:15					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556600	CLIENT SAMPLE ID:	W-8-D	DATE/TIME SAMPLED: 09/15/10 @ 16:15		
Volatile - 624 W/MTBE					
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI
Surrogate (fluorobenzene): 99 % recovery,(toluene-d8): 99 % recovery,(bromofluorobenzene): 93 % recovery,(1,2-dichlorobenzene-d4): 101 % recovery. Surrogate recovery acceptance limits are 85-115%					
SAMPLE #: 556601	CLIENT SAMPLE ID:	W-6-S	DATE/TIME SAMPLED: 09/16/10 @ 10:30		
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	11	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	32	UG/L	09/27/10	EPA 6020	CRI
copper	<5.0	UG/L	09/27/10	EPA 6020	CRI
lead	12	UG/L	09/27/10	EPA 6020	CRI
nickel	38	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	64	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556602	CLIENT SAMPLE ID:	W-6-S	DATE/TIME SAMPLED: 09/16/10 @ 10:30		
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556602 CLIENT SAMPLE ID: W-6-S DATE/TIME SAMPLED: 09/16/10 @ 10:30					
Volatile - 624 W/MTBE					
1,1,2-trichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/23/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/23/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/23/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/23/10	EPA 624	ASI

Surrogate (fluorobenzene): 97 % recovery,(toluene-d8): 94 % recovery,(bromofluorobenzene): 93 % recovery,(1,2-dichlorobenzene-d4): 100 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556603 CLIENT SAMPLE ID: W-3-S DATE/TIME SAMPLED: 09/16/10 @ 14:08					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	250	UG/L	09/27/10	EPA 6020	CRI



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SAMPLE #: 556603 CLIENT SAMPLE ID: W-3-S DATE/TIME SAMPLED: 09/16/10 @ 14:08					
PP Metals (GW,SHW)					
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	<50	UG/L	09/27/10	EPA 6020	CRI
copper	<50	UG/L	09/27/10	EPA 6020	CRI
lead	36	UG/L	09/27/10	EPA 6020	CRI
nickel	<50	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	130	UG/L	09/28/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556604 CLIENT SAMPLE ID: W-3-S DATE/TIME SAMPLED: 09/16/10 @ 14:08					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556604 CLIENT SAMPLE ID: W-3-S DATE/TIME SAMPLED: 09/16/10 @ 14:08					
Volatile - 624 W/MTBE					
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI
Surrogate (fluorobenzene): 98 % recovery, (toluene-d8): 100 % recovery, (bromofluorobenzene): 96 % recovery, (1,2-dichlorobenzene-d4): 91 % recovery. Surrogate recovery acceptance limits are 85-115%					
SAMPLE #: 556605 CLIENT SAMPLE ID: W-4-S DATE/TIME SAMPLED: 09/16/10 @ 15:08					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	10	UG/L	09/27/10	EPA 6020	CRI
copper	<10	UG/L	09/27/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	21	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	18	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556606 CLIENT SAMPLE ID: W-4-S DATE/TIME SAMPLED: 09/16/10 @ 15:08					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556607 CLIENT SAMPLE ID: W-12-S Metals Digestion			09/23/10	DATE/TIME SAMPLED: 09/16/10 @ 16:30 EPA 3005A	RIC
SAMPLE #: 556608 CLIENT SAMPLE ID: W-12-S Volatile - 624 W/MTBE				DATE/TIME SAMPLED: 09/16/10 @ 16:30	
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 97 % recovery, (toluene-d8): 97 % recovery, (bromofluorobenzene): 91 % recovery, (1,2-dichlorobenzene-d4): 96 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556609 CLIENT SAMPLE ID: W-5-S

DATE/TIME SAMPLED: 09/16/10 @ 13:17



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556609 CLIENT SAMPLE ID: W-5-S DATE/TIME SAMPLED: 09/16/10 @ 13:17					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	15	UG/L	09/27/10	EPA 6020	CRI
copper	<10	UG/L	09/28/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	23	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	17	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556610 CLIENT SAMPLE ID: W-5-S DATE/TIME SAMPLED: 09/16/10 @ 13:17					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556610 CLIENT SAMPLE ID: W-5-S DATE/TIME SAMPLED: 09/16/10 @ 13:17					
Volatile - 624 W/MTBE					
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI
<i>Surrogate (fluorobenzene): 96 % recovery, (toluene-d8): 97 % recovery, (bromofluorobenzene): 93 % recovery, (1,2-dichlorobenzene-d4): 98 % recovery. Surrogate recovery acceptance limits are 85-115%</i>					
SAMPLE #: 556611 CLIENT SAMPLE ID: W-2-D DATE/TIME SAMPLED: 09/16/10 @ 16:13					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	73	UG/L	09/27/10	EPA 6020	CRI
copper	<25	UG/L	09/27/10	EPA 6020	CRI
lead	8.8	UG/L	09/27/10	EPA 6020	CRI
nickel	34	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	330	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556612 CLIENT SAMPLE ID: W2-D DATE/TIME SAMPLED: 09/16/10 @ 16:13					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI



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SAMPLE #: 556612 CLIENT SAMPLE ID: W2-D DATE/TIME SAMPLED: 09/16/10 @ 16:13					
Volatile - 624 W/MTBE					
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 100 % recovery, (toluene-d8): 97 % recovery, (bromofluorobenzene): 93 % recovery, (1,2-dichlorobenzene-d4): 94 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556613 CLIENT SAMPLE ID: W-2-S DATE/TIME SAMPLED: 09/16/10 @ 16:08					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<50	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	67	UG/L	09/28/10	EPA 6020	CRI
copper	57	UG/L	09/28/10	EPA 6020	CRI
lead	27	UG/L	09/27/10	EPA 6020	CRI
nickel	75	UG/L	09/28/10	EPA 6020	CRI



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SAMPLE #: 556613 CLIENT SAMPLE ID: W-2-S DATE/TIME SAMPLED: 09/16/10 @ 16:08					
PP Metals (GW,SHW)					
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	230	UG/L	09/28/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556614 CLIENT SAMPLE ID: W-2-S DATE/TIME SAMPLED: 09/16/10 @ 16:08					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI



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SAMPLE #: 556614 CLIENT SAMPLE ID: W-2-S DATE/TIME SAMPLED: 09/16/10 @ 16:08					
Volatile - 624 W/MTBE					
Surrogate (fluorobenzene): 99 % recovery, (toluene-d8): 96 % recovery, (bromofluorobenzene): 92 % recovery, (1,2-dichlorobenzene-d4): 100 % recovery. Surrogate recovery acceptance limits are 85-115%					
SAMPLE #: 556615 CLIENT SAMPLE ID: W-5-D DATE/TIME SAMPLED: 09/16/10 @ 13:42					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	6.4	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	41	UG/L	09/27/10	EPA 6020	CRI
copper	<5.0	UG/L	09/28/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	25	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	100	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556616 CLIENT SAMPLE ID: W-5-D DATE/TIME SAMPLED: 09/16/10 @ 13:42					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
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Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556616 CLIENT SAMPLE ID: W-5-D			DATE/TIME SAMPLED: 09/16/10 @ 13:42		
Volatile - 624 W/MTBE					
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI
Surrogate (fluorobenzene): 97 % recovery,(toluene-d8): 100 % recovery,(bromofluorobenzene): 94 % recovery,(1,2-dichlorobenzene-d4): 103 % recovery. Surrogate recovery acceptance limits are 85-115%					

SAMPLE #: 556617 CLIENT SAMPLE ID: W-4-D			DATE/TIME SAMPLED: 09/16/10 @ 15:16		
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<25	UG/L	09/28/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<25	UG/L	09/28/10	EPA 6020	CRI
chromium	11	UG/L	09/27/10	EPA 6020	CRI
copper	<10	UG/L	09/28/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	18	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<25	UG/L	09/28/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	54	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC

SAMPLE #: 556618		CLIENT SAMPLE ID: W-4-D		DATE/TIME SAMPLED: 09/16/10 @ 15:16		
Volatile - 624 W/MTBE						
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI	
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI	



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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556618	CLIENT SAMPLE ID:	W-4-D	DATE/TIME SAMPLED: 09/16/10 @ 15:16		
Volatile - 624 W/MTBE					
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	31.9	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	8.41	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 95 % recovery, (toluene-d8): 97 % recovery, (bromofluorobenzene): 92 % recovery, (1,2-dichlorobenzene-d4): 102 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556619 CLIENT SAMPLE ID: W-7			DATE/TIME SAMPLED: 09/17/10 @ 10:47		
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI



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DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556619	CLIENT SAMPLE ID:	W-7	DATE/TIME SAMPLED: 09/17/10 @ 10:47		
PP Metals (GW,SHW)					
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	36	UG/L	09/27/10	EPA 6020	CRI
copper	5.3	UG/L	09/28/10	EPA 6020	CRI
lead	<5.0	UG/L	09/27/10	EPA 6020	CRI
nickel	14	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	13	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556620	CLIENT SAMPLE ID:	W-7	DATE/TIME SAMPLED: 09/17/10 @ 10:47		
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI



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25 1/2 Water Street

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TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556620 CLIENT SAMPLE ID: W-7- DATE/TIME SAMPLED: 09/17/10 @ 10:47					
Volatile - 624 W/MTBE					
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI
Surrogate (fluorobenzene): 96 % recovery, (toluene-d8): 102 % recovery, (bromofluorobenzene): 96 % recovery, (1,2-dichlorobenzene-d4): 101 % recovery. Surrogate recovery acceptance limits are 85-115%					
SAMPLE #: 556621 CLIENT SAMPLE ID: W-1-S DATE/TIME SAMPLED: 09/17/10 @ 11:22					
PP MERCURY (GW)	<0.20	UG/L	09/30/10	EPA 7470A	CRI
Mercury Prep 7470A			09/29/10	EPA 7470A	RIC
PP Metals (GW, SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	<25	UG/L	09/27/10	EPA 6020	CRI
copper	25	UG/L	09/28/10	EPA 6020	CRI
lead	7.1	UG/L	09/27/10	EPA 6020	CRI
nickel	<25	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	30	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556622 CLIENT SAMPLE ID: W-1-S DATE/TIME SAMPLED: 09/17/10 @ 11:22					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI



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SAMPLE #: 556622 CLIENT SAMPLE ID: W-1-S			DATE/TIME SAMPLED: 09/17/10 @ 11:22		
Volatile - 624 W/MTBE					
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 99 % recovery,(toluene-d8): 97 % recovery,(bromofluorobenzene): 94 % recovery,(1,2-dichlorobenzene-d4): 99 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556623 CLIENT SAMPLE ID: W-1-D			DATE/TIME SAMPLED: 09/16/10 @ 11:40		
PP MERCURY (GW)	0.24	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<50	UG/L	09/27/10	EPA 6020	CRI
arsenic	<50	UG/L	09/27/10	EPA 6020	CRI
beryllium	<50	UG/L	09/27/10	EPA 6020	CRI
cadmium	<50	UG/L	09/27/10	EPA 6020	CRI
chromium	5800	UG/L	09/28/10	EPA 6020	CRI
copper	120	UG/L	09/28/10	EPA 6020	CRI
lead	73	UG/L	09/28/10	EPA 6020	CRI
nickel	1900	UG/L	09/28/10	EPA 6020	CRI
selenium	<50	UG/L	09/27/10	EPA 6020	CRI
silver	<50	UG/L	09/27/10	EPA 6020	CRI
thallium	<50	UG/L	09/27/10	EPA 6020	CRI
zinc	350	UG/L	09/28/10	EPA 6020	CRI



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SAMPLE #: 556623 Metals Digestion	CLIENT SAMPLE ID: W-1-D		DATE/TIME SAMPLED: 09/16/10 @ 11:40 09/23/10	EPA 3005A	RIC
SAMPLE #: 556624 Volatile - 624 W/MTBE	CLIENT SAMPLE ID: W-1-D		DATE/TIME SAMPLED: 09/16/10 @ 11:40		
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 99 % recovery, (toluene-d8): 101 % recovery, (bromofluorobenzene): 95 % recovery, (1,2-dichlorobenzene-d4): 97 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556625 CLIENT SAMPLE ID: SS-1

DATE/TIME SAMPLED: 09/17/10 @ 12:21



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556625 CLIENT SAMPLE ID: SS-1 DATE/TIME SAMPLED: 09/17/10 @ 12:21					
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	11	UG/L	09/27/10	EPA 6020	CRI
copper	27	UG/L	09/28/10	EPA 6020	CRI
lead	32	UG/L	09/27/10	EPA 6020	CRI
nickel	14	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	71	UG/L	09/28/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556626 CLIENT SAMPLE ID: SS-1 DATE/TIME SAMPLED: 09/17/10 @ 12:21					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	1.07	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	7.63	UG/L	09/24/10	EPA 624	ASI
chloroethane	25.7	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556626	CLIENT SAMPLE ID: SS-1			DATE/TIME SAMPLED: 09/17/10 @ 12:21	
Volatile - 624 W/MTBE					
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 101 % recovery, (toluene-d8): 94 % recovery, (bromofluorobenzene): 97 % recovery, (1,2-dichlorobenzene-d4): 101 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556627	CLIENT SAMPLE ID: SS-3			DATE/TIME SAMPLED: 09/17/10 @ 12:54	
PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	<5.0	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	<10	UG/L	09/27/10	EPA 6020	CRI
copper	22	UG/L	09/28/10	EPA 6020	CRI
lead	15	UG/L	09/27/10	EPA 6020	CRI
nickel	14	UG/L	09/28/10	EPA 6020	CRI
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	46	UG/L	09/27/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC

SAMPLE #: 556628	CLIENT SAMPLE ID: SS-3			DATE/TIME SAMPLED: 09/17/10 @ 12:54	
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556628 CLIENT SAMPLE ID: SS-3			DATE/TIME SAMPLED: 09/17/10 @ 12:54		
Volatile - 624 W/MTBE					
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI
Surrogate (fluorobenzene): 101 % recovery,(toluene-d8): 96 % recovery,(bromofluorobenzene): 99 % recovery,(1,2-dichlorobenzene-d4): 99 % recovery. Surrogate recovery acceptance limits are 85-115%					

SAMPLE #: 556629 CLIENT SAMPLE ID: SS-2			DATE/TIME SAMPLED: 09/17/10 @ 13:45		
PP MERCURY (GW)	3.4	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW, SHW)					
antimony	<5.0	UG/L	09/27/10	EPA 6020	CRI
arsenic	21	UG/L	09/27/10	EPA 6020	CRI
beryllium	<5.0	UG/L	09/27/10	EPA 6020	CRI
cadmium	<5.0	UG/L	09/27/10	EPA 6020	CRI
chromium	<10	UG/L	09/27/10	EPA 6020	CRI
copper	130	UG/L	09/28/10	EPA 6020	CRI
lead	14	UG/L	09/27/10	EPA 6020	CRI
nickel	<10	UG/L	09/28/10	EPA 6020	CRI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556629 CLIENT SAMPLE ID: SS-2 DATE/TIME SAMPLED: 09/17/10 @ 13:45					
PP Metals (GW,SHW)					
selenium	<5.0	UG/L	09/27/10	EPA 6020	CRI
silver	<5.0	UG/L	09/27/10	EPA 6020	CRI
thallium	<5.0	UG/L	09/27/10	EPA 6020	CRI
zinc	290	UG/L	09/28/10	EPA 6020	CRI
Metals Digestion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556630 CLIENT SAMPLE ID: SS-2 DATE/TIME SAMPLED: 09/17/10 @ 13:45					
Volatile - 624 W/MTBE					
1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556630 CLIENT SAMPLE ID: SS-2 DATE/TIME SAMPLED: 09/17/10 @ 13:45					

Volatile - 624 W/MTBE

Surrogate (fluorobenzene): 101 % recovery, (toluene-d8): 98 % recovery, (bromofluorobenzene): 95 % recovery, (1,2-dichlorobenzene-d4): 102 % recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556631	CLIENT SAMPLE ID: TRIP BLANK	DATE/TIME SAMPLED: 09/15/10 @ :
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Volatile - 624 W/MTBE

1,1,1-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2,2-tetrachloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1,2-trichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloropropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethylvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform	<1.00	UG/L	09/24/10	EPA 624	ASI
bromomethane	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrachloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform	<1.00	UG/L	09/24/10	EPA 624	ASI
chloromethane	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,2-dichloroethene	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochloromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe	<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dichloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	<2.00	UG/L	09/24/10	EPA 624	ASI
xylene, m+p	<1.00	UG/L	09/24/10	EPA 624	ASI
xylene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

Surrogate (fluorobenzene): 102 % recovery, (toluene-d8): 98 % recovery, (bromofluorobenzene): 93 % recovery, (1,2-dichlorobenzene-d4): 94 % recovery. Surrogate recovery acceptance limits are 85-115%



STRATEGIC ENVIRONMENTAL, LLC
25 1/2 Water Street

Baldwinsville, NY 13027
ATTN: Jamie Pentland

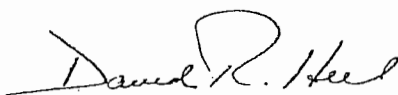
PO#: 10-727

PROJECT #: 246157
RECEIVED: 09/17/2010 @ 14:45

Site Address:
DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
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Sample Receipt Temperature: 6 Degrees C



David R. Hill
Laboratory Director

10/05/2010
Print Date

All NELAC Quality Control requirements pertaining to the analyses were met, unless otherwise specified.
All analyses performed by NYS ELAP Laboratory Certification #11375, unless otherwise stated.
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STRATEGIC ENVIRONMENTAL, LLC

246157

SAMPLE CUSTODY RECORD



SE Project Number: 10-727
 SE Contact Person: Jamie Pentland
 Project Location: Dewitt Landfill

BALDWINSVILLE OFFICE
 25 1/2 Water Street
 Baldwinsville, New York 13027
 Telephone: (315) 635-8936
 Facsimile: (315) 635-2380

Laboratory: ELSFacsimile Reports to: SE

Project: _____

Mail Reports to: SEMail Invoice to: SE

Analyses

Notes/Comments

Page 2 of 2

60°C

Prioritizing Pollutants
 EPA Method
 824

Laboratory Identification	Date	Collection Time	Sample Location	Number of Containers	Comp or Grab	Preservatives	Sample Matrix	Prioritizing Pollutants	EPA Method	824	PH
550589	11/15/16	16:05	MW-8-S	3	GRAB	HNO ₃ 4°C	WATER	X	X		12
550591	11/15/16	16:45	W-10-S								12
550593		15:15	W-9-D								12
594AB		15:31	W-9-S								12
595		15:30	W-9-M								12
597		16:15	W-8-D								12
598AB		10:30	W-6-S								12
599		14:08	W-3-S								12
600AB		15:08	W-4-S								12
601		16:30	W-12-S								12
602AB		13:17	W-5-S								12
603		16:13	W-2-D								12
604AB											
605											
606AB											
607											
608AB											
609											
610AB											
611											
612AB											

Sample Custody
SAMPLE COLLECTIONSample Custody
RELINQUISH SAMPLE CUSTODYSample Custody
ACCEPT AND RECEIVE SAMPLE CUSTODY

Name: Jamie Pentland
 Signature: Jamie Pentland
 Sample TAT: STANDARD

Name: Jamie Pentland
 Signature: Jamie Pentland
 Name: _____
 Signature: _____
 Time: 14:45
 Date: 9-17-16
 Time: _____
 Date: _____

Name: Jessica Bramm
 Signature: Jessica Bramm
 Laboratory: _____
 Signature: _____
 Time: 14:45
 Date: 9/17/16
 Time: _____
 Date: _____



STRATEGIC ENVIRONMENTAL, LLC

SAMPLE CUSTODY RECORD



SE Project Number: 10-727
 SE Contact Person: Jamie Pentland
 Project Location: Dewitt Landfill

BALDWINVILLE OFFICE
 25 1/2 Water Street
 Baldwinsville, New York 13027
 Telephone: (315) 635-8936
 Facsimile: (315) 635-2380

Laboratory: ELS
 Project: _____

Facsimile Reports to: SE
 Mail Reports to: SE
 Mail Invoice to: SE

Analyses

Notes/Comments

Page 2 of 2

60°C

Laboratory Identification	Date	Collection Time	Sample Location	Number of Containers	Comp or Grab	Preservatives	Sample Matrix	P.P. Notes	ETA										
556013	6/14/09	16:08	W-2-S	3	GRAB	HNO3 4°C	WATER	X	X										12
6015	6/16/09	13:42	W-5-D					X	X										12
6017	6/18/09	15:14	W-4-D					X	X										12
6019	6/20/09	10:47	W-7					X	X										12
6021	6/22/09	11:22	W-1-S					X	X										12
6023	6/24/09	11:40	W-1-D					X	X										12
6025	6/26/09	12:21	SS-1					X	X										12
6027	6/28/09	12:57	SS-3					X	X										12
6029	6/30/09	13:45	SS-2					X	X										12
✓ 6031	6/30/09	15:05	Trip Blank	2					X										

Sample Custody
SAMPLE COLLECTION

Name: Jamie Pentland
 Signature: Jamie Pentland
 Sample TAT: STANDARD

Sample Custody
RELINQUISH SAMPLE CUSTODY

Name: Jamie Pentland Time: 14:45
 Signature: Jamie Pentland Date: 9-17-10
 Name: _____ Time: _____
 Signature: _____ Date: _____

Sample Custody
ACCEPT AND RECEIVE SAMPLE CUSTODY

Name: Jessica Bramble Time: 14:45
 Signature: Jessica Bramble Date: 9/17/10
 Laboratory: _____ Time: _____
 Signature: _____ Date: _____

Appendix C
Laboratory Analysis Results and Custody Documentation – Air Vents



Mr. Jamie Penpland
Strategic Environmental LLC
25 1/2 Water Street
Baldwinsville, NY 13027

October 04, 2010

DOH ELAP# 11626

Account# 13137

Login# L224568

Dear Mr. Penpland:

Enclosed are the analytical results for the samples received by our laboratory on September 27, 2010. All test results meet the quality control requirements of AIHA and NELAC unless otherwise stated in this report. All samples on the chain of custody were received in good condition unless otherwise noted.

Results in this report are based on the sampling data provided by the client and refer only to the samples as they were received at the laboratory. Unless otherwise requested, all samples will be discarded 14 days from the date of this report.

Please contact Amanda Frateschi at (877) 482-5227, if you would like any additional information regarding this report.

Thank you for using Galson Laboratories.

Sincerely,

Galson Laboratories

Mary G. Unangst
Laboratory Director

Enclosure(s)



LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client : Strategic Environmental LLC
Site : DeWitt Landfill
Project No. : 10-727

Date Sampled : 27-SEP-10 Account No.: 13137
Date Received : 27-SEP-10 Login No. : L224568
Date Analyzed : 27-SEP-10 - 02-OCT-10 Units : ppbv
Report ID : 665303

Galson ID: Client ID:	LOQ ppbv	L224568-1 V-3	L224568-2 V-12	L224568-3 V-11
Propylene	5.0	<5.0	<50	<50
Freon-12	5.0	<5.0	<50	<50
Chloromethane	5.0	<5.0	<50	<50
Freon-114	5.0	<5.0	<50	<50
Vinyl Chloride	5.0	<5.0	<50	<50
1,3-Butadiene	5.0	<5.0	<50	<50
Bromomethane	5.0	<5.0	<50	<50
Chloroethane	5.0	<5.0	<50	<50
Vinyl Bromide	5.0	<5.0	<50	<50
Freon-11	5.0	<5.0	<50	<50
Isopropyl Alcohol	5.0	<5.0	<50	<50
Acetone	5.0	<5.0	<50	<50
1,1-Dichloroethene	5.0	<5.0	<50	<50
Methylene Chloride	5.0	<5.0	<50	<50
Freon-113	5.0	<5.0	<50	<50
Allyl Chloride	5.0	<5.0	<50	<50
Carbon Disulfide	10	<10	<100	<100
Trans-1,2-Dichloroethene	5.0	<5.0	<50	<50
Methyl Tert-Butyl Ether	5.0	<5.0	<50	<50
1,1-Dichloroethane	5.0	<5.0	<50	<50
Vinyl Acetate	5.0	<5.0	<50	<50
Methyl Ethyl Ketone	5.0	<5.0	<50	<50
cis-1,2-Dichloroethylene	5.0	<5.0	<50	<50

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 04-OCT-10 NYS DOH # : 11626
QC by : Tony D'Amico

< -Less Than	MG -Milligrams	M3 -Cubic Meters
> -Greater Than	UG -Micrograms	L -Liters
NA -Not Applicable	ND -Not Detected	ppbv-Parts per Billion Volume
NS -Not Specified	KG -Kilograms	LOQ -Level of quantitation



LABORATORY ANALYSIS REPORT

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Client : Strategic Environmental LLC
Site : DeWitt Landfill
Project No. : 10-727

Date Sampled : 27-SEP-10
Date Received : 27-SEP-10
Date Analyzed : 27-SEP-10 - 02-OCT-10
Report ID : 665303

Account No.: 13137
Login No. : L224568
Units : ppbv

Galson ID: Client ID:	LOQ ppbv	L224568-1 V-3	L224568-2 V-12	L224568-3 V-11
Hexane	5.0	<5.0	6400	9700
Ethyl Acetate	5.0	<5.0	<50	<50
Chloroform	5.0	<5.0	<50	<50
Tetrahydrofuran	5.0	<5.0	<50	<50
1,2-Dichloroethane	5.0	<5.0	<50	<50
1,1,1-Trichloroethane	5.0	<5.0	<50	<50
Cyclohexane	5.0	<5.0	2000	980
Carbon Tetrachloride	5.0	<5.0	<50	<50
Benzene	5.0	<5.0	570	480
1,4-Dioxane	20	<20	<200	<200
2,2,4-Trimethylpentane	5.0	<5.0	2200	3100
Heptane	5.0	<5.0	4200	4900
1,2-Dichloropropane	5.0	<5.0	<50	<50
Trichloroethylene	5.0	<5.0	<50	<50
Bromodichloromethane	5.0	<5.0	<50	<50
cis-1,3-Dichloropropene	5.0	<5.0	<50	<50
trans-1,3-Dichloropropene	5.0	<5.0	<50	<50
1,1,2-Trichloroethane	5.0	<5.0	<50	<50
Toluene	5.0	<5.0	310	300
Dibromochloromethane	5.0	<5.0	<50	<50
Methyl Isobutyl Ketone	20	<20	<200	<200
Methyl Butyl Ketone	20	<20	<200	<200
1,2-Dibromoethane	5.0	<5.0	<50	<50

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 04-OCT-10 NYS DOH # : 11626
QC by : Tony D'Amico

< -Less Than	MG -Milligrams	M3 -Cubic Meters
> -Greater Than	UG -Micrograms	L -Liters
NA -Not Applicable	ND -Not Detected	ppbv-Parts per Billion Volume
NS -Not Specified	KG -Kilograms	LOQ -Level of quantitation



LABORATORY ANALYSIS REPORT

6601 Kirkville Road
East Syracuse, NY 13057
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FAX: (315) 437-0571
www.galsonlabs.com

Client : Strategic Environmental LLC
Site : DeWitt Landfill
Project No. : 10-727

Date Sampled : 27-SEP-10
Date Received : 27-SEP-10
Date Analyzed : 27-SEP-10 - 02-OCT-10
Report ID : 665303

Account No.: 13137
Login No. : L224568
Units : ppbv

Galson ID: Client ID:	LOQ ppbv	L224568-1 V-3	L224568-2 V-12	L224568-3 V-11
Tetrachloroethylene	5.0	<5.0	<50	<50
Chlorobenzene	5.0	<5.0	<50	<50
Ethylbenzene	5.0	<5.0	1900	3300
Bromoform	5.0	<5.0	<50	<50
m & p-xylene	10	<10	<100	510
Styrene	5.0	<5.0	<50	<50
o-Xylene	5.0	<5.0	<50	350
1,1,2,2-Tetrachloroethane	5.0	<5.0	<50	<50
4-Ethyltoluene	5.0	<5.0	<50	160
1,3,5-Trimethylbenzene	5.0	<5.0	<50	230
1,2,4-Trimethylbenzene	5.0	<5.0	<50	150
1,3-Dichlorobenzene	5.0	<5.0	<50	<50
Benzyl Chloride	5.0	<5.0	<50	<50
1,4-Dichlorobenzene	5.0	<5.0	<50	<50
1,2-Dichlorobenzene	5.0	<5.0	<50	<50

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 04-OCT-10 NYS DOH # : 11626
QC by : Tony D'Amico

< -Less Than	MG -Milligrams	M3 -Cubic Meters
> -Greater Than	UG -Micrograms	L -Liters
NA -Not Applicable	ND -Not Detected	ppbv-Parts per Billion Volume
NS -Not Specified	KG -Kilograms	LOQ -Level of quantitation



LABORATORY ANALYSIS REPORT

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Client : Strategic Environmental LLC
Site : DeWitt Landfill
Project No. : 10-727

Date Sampled : 27-SEP-10
Date Received : 27-SEP-10
Date Analyzed : 27-SEP-10 - 02-OCT-10
Report ID : 665303

Account No.: 13137
Login No. : L224568
Units : ppbv

Galson ID: LOQ L224568-4
Client ID: ppbv DUPLICATE

Tetrachloroethylene	5.0	<50
Chlorobenzene	5.0	<50
Ethylbenzene	5.0	1900
Bromoform	5.0	<50
m & p-xylene	10	<100
Styrene	5.0	<50
o-Xylene	5.0	<50
1,1,2,2-Tetrachloroethane	5.0	<50
4-Ethyltoluene	5.0	<50
1,3,5-Trimethylbenzene	5.0	<50
1,2,4-Trimethylbenzene	5.0	<50
1,3-Dichlorobenzene	5.0	<50
Benzyl Chloride	5.0	<50
1,4-Dichlorobenzene	5.0	<50
1,2-Dichlorobenzene	5.0	<50

COMMENTS: Please see attached lab footnote report for any applicable footnotes.

Analytical Method : mod.OSHA PV2120/EPA TO15
Collection Media : Mini Can

Submitted by: kaw
Approved by : rjw
Date : 04-OCT-10 NYS DOH # : 11626
QC by : Tony D'Amico

< -Less Than	MG -Milligrams	M3 -Cubic Meters
> -Greater Than	UG -Micrograms	L -Liters
NA -Not Applicable	ND -Not Detected	ppbv-Parts per Billion Volume
NS -Not Specified	KG -Kilograms	LOQ -Level of quantitation



LABORATORY FOOTNOTE REPORT

6601 Kirkville Road
East Syracuse, NY 13057
(315) 432-5227
FAX: (315) 437-0571
www.galsonlabs.com

Client Name : Strategic Environmental LLC
Site : DeWitt Landfill
Project No. : 10-727

Date Sampled : 27-SEP-10 Account No.: 13137
Date Received: 27-SEP-10 Login No. : L224568
Date Analyzed: 27-SEP-10 - 02-OCT-10

Unless otherwise noted below, all quality control results associated with the samples were within established control limits.

Unrounded results are carried through the calculations that yield the final result and the final result is rounded to the number of significant figures appropriate to the accuracy of the analytical method. Please note that results appearing in the columns preceding the final result column may have been rounded in order to fit the report format and therefore, if carried through the calculations, may not yield an identical final result to the one reported.

The stated LOQs for each analyte represent the demonstrated LOQ concentrations prior to correction for desorption efficiency (if applicable).

L224568 (Report ID: 665303):
SOPs: in-vocs(14)

L224568-2 (Report ID: 665303):
Elevated reporting limits due to analysis at a 10X dilution. Reported results are considered estimates, as the very high level of hydrocarbons present made it impossible to quantitate results more accurately.

L224568-3 (Report ID: 665303):
Elevated reporting limits due to analysis at a 10X dilution. Reported results are considered estimates, as the very high level of hydrocarbons present made it impossible to quantitate results more accurately.

L224568-4 (Report ID: 665303):
Elevated reporting limits due to analysis at a 10X dilution. Reported results are considered estimates, as the very high level of hydrocarbons present made it impossible to quantitate results more accurately.

< -Less Than	mg -Milligrams	m3 -Cubic Meters	kg -Kilograms
> -Greater Than	ug -Micrograms	l -Liters	NS -Not Specified
NA -Not Applicable	ND -Not Detected	ppm -Parts per Million	



6601 Kirkville Rd
East Syracuse, NY 13057
Tel: (315) 432-5227
888-432-LABS (5227)
Fax: (315) 437-0571
www.galsonlabs.com

☐ Check if change
of address

New Client ? ☐ yes
☒ no

Report To : Strategic Environmental
25 1/2 Water Street
Baldwinsville, NY 13027

Phone No. : 315-635-8934
Fax No. : _____

Invoice To : Strategic Environmental

Phone No. : _____
Fax No. : _____

105

Site Name : Dewitt Landfill Project : 10-727

Sampled By : _____

Need Results By: (surcharge)

☒ Samples submitted using the FreePumpLoan™ Program.

☐ Samples submitted using the FreeSamplingBadges™ Program.

☒ 5 Business Days 0%

Client Account No. : _____

☐ 4 Business Days 35%

Purchase Order No. : _____

☐ 3 Business Days 50%

Credit Card No. : _____

Card Holder Name : _____ Exp. : _____

☐ 2 Business Days 75%

Email / Fax Results To : _____

☐ Next Day by 6pm 100%

Email Address : _____

Fax No. : _____

☐ Next Day by Noon 150%

☐ Same day 200%

Sample Identification

Date Sampled

Collection
Medium

*Air Volume
(Liters)

Passive Monitors
(Min)

Analysis Requested

Method Reference

Specific DL
Needed

1. V-3 WA217	9-27-10	Air	0.4		T.O. 15 - LIST ONLY. (MMP)	
2. V-12 WA231	9-27-10	↓	↓		↓	
3. V-11 WA227	9-27-10	↓	↓		↓	
4. Duplicate WA230	9-27-10	↓	↓		↓	
5.						
6.						
7.						
8.						
9.						
10.						
11.						

☐ Yes ☐ No We normally add a laboratory blank for each analyte. We will charge you for this at our normal rate. If you agree please check "Yes" otherwise check "No".

List description of industry or process / interference's present in sampling area: _____

Comments: _____

Chain of Custody	Print Name	Signature	Date/Time
Relinquished by :			
Received by LAB :	<u>C. Marchetti</u>	<u>C</u>	<u>9/27/10 1336</u>

Samples received after 3pm will be considered as next day's business.

* sample collection time X LPM = Air Vol.

Page _____ of _____

184961, 4 cans