

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.

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Mr. Michael S. Kolceski, P.E., Town Engineer December 21, 2010 Page 2

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

annexelle

Gary D. Cannerelli, P.E. Vice President

 cc: Edward M. Michalenko, PhD, Supervisor – Town of DeWitt (w/encl) Greg Scicchitano, Esq.
 Carl Cuipylo – 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.

ji j	Landfill Components	Checked	Comments	Maintenance Action Needed
1.	Barrier Protection Layer Topsoil Layer and Vegetative Cover	1	Small trees and brush should be removed along the perimeter fence line	Yes
2.	Gas Discharge Vents	1	Vent V-10 on west end of landfill is broke and should be repaired.	Yes
3.	Swales, Ditches and Down Chutes	1	Brush should be removed along the edge of the swales and down chutes.	Yes
4.	Storm Sewer System, including culverts	4	Ok	No
5.	Fence and Gates	1	Entrance gate fence has approximately a 1-ftX2- ft hole.	Not at this time
6.	Access Road	1	Ok	Yes
7.	Perimeter Service Road	1	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 BALDWINSVILLE, 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 ½ Water Street Baldwinsville, New York 13027 Contact: Jamie Pentland, P.E.

SE Project No. 2010-727



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September 2010 Surface Water, Groundwater, and Air Sampling Report

Town of Dewitt Landfill Project No. 2010-727

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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
- Surface Water Sampling Points
 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 SAPMLING

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.

Location	pН	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			

 Table 2-1

 Field Monitoring Data-Surface Water Points, September 17, 2010

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

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.

Compound	SS-1	SS-2	SS-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
berylium	<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

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

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 $\mu g/L$ or parts-per-billion (ppb)

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-dichoroethane	<1.00	<1.00	<1.00	5
1,1-dichoroethene	<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

September 2010 Surface Water, Groundwater and Air Sampling Report Town of Dewitt Landfill SE File 10-727

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.

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	<u>4</u> 5.19	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

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

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

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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 was 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	ST-WM	SZ-WM	MW-2D	se-wm	MW-4S	MW-4D	MW-5S	MW-5D	MW-65	S7-WM	MW-85	MW-8D	S6-WM	M6-WM	de-WM	MW-105	DII-WM	MW-125	NYSDEC Ambient Water Quality Standard/Guidance Value
																r — — — — — —			
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
berylium	<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 We	I VOC Results-September 2010
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Compound	MW-1S	MW-2S	MW-2D	SE-WM	MW-4S	MW-4D	MW-55	MW-5D	MW-65	ST-WM	MW-8S	MW-8D	Se-WM	M6-WM	06-MM	MW-105	MW-11D	MW-125	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-dichoroethane	<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-dichoroethene	<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	<1.0 <u>0</u>	<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	<u><</u> 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. <u>00</u>	<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

September 2010 Surface Water, Groundwater and Air Sampling Report Town of Dewitt Landfill SE File 10-727

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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.

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

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

Notes:

fpm = feet-per-minute

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 area 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.

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	NYSDEC	NYSDEC	V-3	V-11	V-12	
	300	AGC	v-5	V-11	V-12	
Compound Name	(ug/m²)	(ug/m ⁻)	(ug/m ⁻)	(ug/m°)	(ug/m)	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
Vinvl 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

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

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SECTION 4

	NYSDEC	NYSDEC				
Compound Name	SGC	AGC	V-3	V-11	V-12	1
	(ug/m³)	(ug/m³)	(ug/m^3)	(ug/m^3)	(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-Trimethlybenzene	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 μ g/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

									NYSDEC Ambient Water Quality
Compound	MW-2S	MW-2D	MW-3S	MW-9M	MW-9D	MW-105	MW-11D	MW-125	Standard/Guidance Value
arsenic	<50	<5.0	250	29	<250	<5.0	<50	15	
chromium	67	73	<50	71	330 0	4500	5800	54	50
copper	57	<25	<50	8.5	9 60	120	120	<25	200
lead	27	8.8	36	<5.0	<250	30	73	15	50
nickel	75	34	<50	100	6400	910	190 0	<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

					NYSDEC Ambient Water Quality
Compound	MW-4S	MW-4D	MW-8S	MW-9M	Standard/Guidance Value
trichloroethene	<1.00	3 1.9	<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

SECTION 5

method 624, revealed that chlorobenzene and chloroethane were present at concentrations exceeding NYSDEC Ambient Water Quality Standard/Guidance. Cholorbenze 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 ethylbenze were discovered in both vents V-11 and V-12 in concentrations above SGC/AGC values.

Figure 1 Topographic Site Location Map



Figure 2 Surface Water Locations



CIER D'BRIEN 6 DERC

Figure 3 Monitoring Well Locations



Figure 4 Combustible Gas Monitoring Locations



Appendix A Monitoring Well Evacuation and Sampling Logs

			nu mater	Samping Log		_			
Date: 9/17/10 Site Name: DeWin Site Location: De Personnel: Jamie J	tt Landfill Witt, NY Pentland, Strate	gic Environn	nental	Weath Wel Projec Excavation Meth	her: Ove 1#: 1S t#: lod: Ma	rcast, Lc nual Bai	ow 60's ling		
Depth of Well* Depth of Water * Length of Water O Volume of Water 3X Volume of Wa Top of Well Eleva Water Table Eleva	Column in Well tter in Well ation	21.08 ft. 13.32 ft. 7.76 ft. 1.3 gal.(s) 3.8 gal.(s)	Volun Did	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 ta	ken from <u>X</u>	Top of W	ell Casing	Top of Prot	ective C	asting _	Other S	Speci	
Water parameters									
Tempo Ini after 2.5 (g	erature Reading tial 13.20°C (al.) 14.15 °C	s	pH 4. 7. 10. afte	Readings0 Standard4.00 Standard7.00 Standard10.0Initial7.51r 2.5 (gal.)7.38		Condu 84 1413 aft	S Standard S Standard S Standard Initial er 2.5 (gal.)	ings 8 141 2.14 1.74	
Water Samples: C	ollected for EPA	A Method 624	4 and Prior	ity Pollutant Metal	ls analysi	s			
Water Samples: Control	ollected for EP	A Method 62	4 and Prior	ity Pollutant Metal	ls analysi	is			
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free	ollected for EP 1:22 nce: Date Color Odor 00 NTUs) Product	A Method 624 <u>1st Bail</u> 9/17/10 Slightly C None 47.0 None	4 and Prior	ity Pollutant Metal Sample 9/17/10 Slightly Cl None 31.0 None	ls analysi oudy	is			
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam	ollected for EP 1:22 nce: Date Color Odor 00 NTUs) Product nples:	A Method 624 <u>1st Bail</u> 9/17/10 Slightly C None 47.0 None	4 and Prior	ity Pollutant Metal <u>Sample</u> 9/17/10 Slightly Cl None 31.0 None	oudy				
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL	ollected for EP 1:22 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass	A Method 624 <u>1st Bail</u> 9/17/10 Slightly C None 47.0 None # Collected 2	4 and Prior	ity Pollutant Metal Sample 9/17/10 Slightly Cl None 31.0 None Preservative 4°C ; HCL	oudy	Temp. 14.15	Conducti 1.74	vity	
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 1:22 hce: Date Color Odor Odor 00 NTUs) Product hples: Container Type Glass Plastic	A Method 624 <u>1st Bail</u> 9/17/10 Slightly C None 47.0 None <u># Collected</u> 2 1	4 and Prior loudy Filtered No No	ity Pollutant Metal Sample 9/17/10 Slightly Cl None 31.0 None Preservative 4°C; HCL 4°C; HNO3	oudy	Temp. 14.15	Conducti 1.74	vity	
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 1:22 hce: Date Color Odor 00 NTUs) Product hples: Container Type Glass Plastic	A Method 624 <u>1st Bail</u> 9/17/10 Slightly C None 47.0 None <u># Collected</u> 2 1	4 and Prior 4 and Prior 10udy 10udy	ity Pollutant Metal Sample 9/17/10 Slightly Cl None 31.0 None Preservative 4°C ; HCL 4°C ; HNO3	pH 7.38	Temp. 14.15	Conducti 1.74	vity	
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	ollected for EP/ 1:22 nce: Date Color Odor Odor 00 NTUs) Product nples: Container Type Glass Plastic	A Method 624 <u>1st Bail</u> 9/17/10 Slightly C None 47.0 None <u># Collected</u> 2 1	4 and Prior 4 and Prior 1 oudy	ity Pollutant Metal Sample 9/17/10 Slightly Cl None 31.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.38	Temp. 14.15	Conducti 1.74	vity	

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			iu mater o	amping Log					
Data: 0/16/10				11/0-41-	on Dain	M:4 60)'a		
Date: 9/16/10	. 7 1011			weath	μ 20	, Mia ou	s		
Site Name: DeWit	t Landfill			weil	#: 25	107			
Site Location: Dev	Witt, NY			Project	#: 10-1	127			
Personnel: Jamie F	entland, Strate	gic Environme	ental	Excavation Metho	od: Mai	nual Bail	ing		
			Water Volume/ft. for:						
Depth of Well*	3	5.59 ft.		2" Diame	eter Well	= 0.163	x LWC		
Depth of Water *	1	2.71 ft.		4" Diame	eter Well	= 0.653	x LWC		
Length of Water C	Column 2	22.88 ft.		6" Diame	eter Well	= 1.469	x LWC		
Volume of Water	in Well 3	3.7 gal.(s)							
3X Volume of Wa	ter in Well 1	1.2 gal.(s)	Volun	ne removed before	e samplir	ng ∼11.:	5 gal.(s)		
Top of Well Eleva	tion		Did w	vell go dry? No					
Water Table Eleva	ition								
*Measurements tal	ken from <u>X</u>	Top of We	ll Casing	Top of Prot	ective Ca	asting _	Otl	ier Speci	
Water parameters									
Tempe	erature Reading	s	pH	Readings		Condu	ctivity R	eadings	
	0		4.0	Standard 4.0					
			7.0	Standard 7.0		84	S Stand	ard 8	
			10.0	Standard 10.0		1413	S Stand	ard 141	
Ini	tial 13.97°C			Initial 7.49			Init	ial 2.17	
After 11.5 (gal.) 13.62°C		after	11.5 (gal.) 7.29		aft	er 11.5 (§	gal.) 2.0	
After 11.5 (gal.) 13.62°C									
Water Samples: Co	ollected for EPA	A Method 624	and Priori	ty Pollutant Metal	s analysi	s			
Water Samples: Co	ollected for EPA	A Method 624	and Priori	ty Pollutant Metal	s analysi	S			
Water Samples: Co Time Collected: 10	ollected for EPA	A Method 624	and Priori	ty Pollutant Metal	s analysi	S			
Water Samples: Co Time Collected: 10 Physical Appearan	ollected for EP 6:08 ace:	A Method 624 <u>1st Bail</u>	and Priori	ty Pollutant Metal <u>Sample</u>	s analysi	S			
Water Samples: Co Time Collected: 10 Physical Appearan	ollected for EP 6:08 nce: Date	A Method 624 <u>1st Bail</u> 9/16/10	and Priori	ty Pollutant Metal <u>Sample</u> 9/16/10	s analysi	S			
Water Samples: Co Time Collected: 10 Physical Appearan	ollected for EP 6:08 nce: Date Color	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr	and Priori	ty Pollutant Metal <u>Sample</u> 9/16/10 Cloudy-gre	s analysi	S			
Water Samples: Co Time Collected: 10 Physical Appearan	ollected for EP 6:08 ace: Date Color Odor	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr Organic	and Priori	ty Pollutant Metal <u>Sample</u> 9/16/10 Cloudy-gre Organic	s analysi s y	S			
Water Samples: Co Time Collected: 10 Physical Appearan Turbidity (> 1	ollected for EP 6:08 ace: Date Color Odor 00 NTUs)	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr Organic 190	and Priori	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0	s analysi s y	S			
Water Samples: Co Time Collected: 10 Physical Appearan Turbidity (> 1 Sheen/Free	ollected for EP 6:08 nce: Date Color Odor 00 NTUs) Product	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr Organic 190 None	and Priori	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None	s analysi	S			
Water Samples: Co Time Collected: 10 Physical Appearan Turbidity (> 1 Sheen/Free	ollected for EP 6:08 ace: Date Color Odor 00 NTUs) Product	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr Organic 190 None	ey	ty Pollutant Metal Sample 9/16/10 Cloudy-gre Organic 0.0 None	s analysi	S			
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam	ollected for EP 6:08 hce: Date Color Odor 00 NTUs) Product 	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr Organic 190 None	ey	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None	s analysi	S			
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam	ollected for EP 6:08 hce: Date Color Odor 00 NTUs) Product hples: Container Type	A Method 624 <u>1st Bail</u> 9/16/10 Cloudy-gr Organic 190 None # Collected	ey	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative	s analysi sy pH	S Temp.	Con	ductivity	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL	ollected for EPA 6:08 hee: Date Color Odor 00 NTUs) Product nples: Container Type Glass	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None	ey Filtered No	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C ; HCL	s analysi s pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 6:08 hce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C ; HCL 4°C ; HNO3	s analysi s pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 6:08 hce: Date Color Odor 00 NTUs) Product 	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 6:08 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	Filtered No No	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 6:08 ace: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No	ty Pollutant Metal Sample 9/16/10 Cloudy-gre Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 	ollected for EPA 6:08 hce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 6:08 hce: Date Color Odor 00 NTUs) Product 	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3 Final	pH 7.29	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL MOTES: Addition In:	ollected for EP/ 6:08 hce: Date Color Odor 00 NTUs) Product 	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No D O	ty Pollutant Metal Sample 9/16/10 Cloudy-gree Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3 Final 6 07	pH 7.29 mg/I	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL 500 mL NOTES: Addition In: D.O. Sal	ollected for EP/ 6:08 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic al water paramo itial 8.49 mg/L 1.38 port	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1 2 1 2 1 2 1 2 1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 2 1 2 2 2 2 2 2 2 3 4 4 5 6 6 10 20 21 22 34 45 <t< td=""><td>ey Filtered No No D.O. Sal</td><td>ty Pollutant Metal Sample 9/16/10 Cloudy-gre Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3 Final 6.07 1</td><td>pH 7.29 mg/L</td><td>S Temp. 13.62</td><td>Con</td><td>ductivity 2.08</td></t<>	ey Filtered No No D.O. Sal	ty Pollutant Metal Sample 9/16/10 Cloudy-gre Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3 Final 6.07 1	pH 7.29 mg/L	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL NOTES: Addition In: D.O. Sal	ollected for EPA 6:08 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic Plastic al water paramo itial 8.49 mg/L 1.38 ppt	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 2 1	ey Filtered No No D.O. Sal TDS	ty Pollutant Metal Sample 9/16/10 Cloudy-gre Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3 Final 6.07 1.1 1.33	pH 7.29 mg/L ppt q/I	S Temp. 13.62	Con	ductivity 2.08	
Water Samples: Co Time Collected: 16 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL NOTES: Addition In: D.O. Sal TDS OPP	ollected for EPA 6:08 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic Alwater paramo itial 8.49 mg/L 1.38 ppt 1.1 g/L 60 mV	A Method 624 1 st Bail 9/16/10 Cloudy-gr Organic 190 None # Collected 1	Filtered No No D.O. Sal TDS OR P	ty Pollutant Metal Sample 9/16/10 Cloudy-gre Organic 0.0 None Preservative 4°C; HCL 4°C; HNO3 Final 6.07 1.1 1.33 16	s analysi s analysi pH 7.29 mg/L g/L mV	S Temp. 13.62	Con	ductivity 2.08	

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Date: 9/16/10		Grou	nu water	Samping Log			
Site Name: DeWit Site Location: DeV Personnel: Jamie I	ate: 9/16/10 ite Name: DeWitt Landfill ite Location: DeWitt, NY ersonnel: Jamie Pentland, Strategic Environm			Weat We Projec Excavation Metl	her: Rai 11 #: 2D ct #: 10 hod: M	in, Mid 60 -727 anual Bai	0's ling
Depth of Well* Depth of Water * Length of Water O Volume of Water 3X Volume of Wa Top of Well Eleva Water Table Eleva	5 1 Column 3 in Well 6 iter in Well 1 ition ation	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 ta	ken from <u>X</u>	Top of We	ell Casing	Top of Pro	tective (Casting _	Other Sp
Water parameters							
Initial 14.13°C After 21 (gal.) 13.98°C			pH 4 7 10 afte	H Readings 0 Standard 4.0 0 Standard 7.0 0 Standard 10.0 Initial 7.74 er 21 (gal.) 7.15		Condu 84 1413 aft	4 S Standard 3 S Standard 1 Initial 0. ter 21(gal.) 2.60
Water Samples: Co	ollected for EPA	Method 624	and Prio	rity Pollutant Meta	ls analys	sis	
Time Collected: 10	6:13						
Physical Appearan	ice:	<u>1st Bail</u>		Sample			
	Date	9/16/10		9/16/10			
Turbidity (> 1 Sheen/Free 1	Color Odor 00 NTUs) Product	Organic 224 None	ey	Cloudy-gr Organic 262 None	ey		
Turbidity (> 1 Sheen/Free Parameters of Sam	Color Odor 00 NTUs) Product	Cloudy-gr Organic 224 None	ey	Cloudy-gr Organic 262 None	ey		
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size	Color Odor 00 NTUs) Product nples:	Cloudy-gr Organic 224 None # Collected	Filtered	Cloudy-gr Organic 262 None Preservative	еу рН	Temp.	Conductivit
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Cloudy-gr Organic 224 None #Collected 2 1	Filtered No No	Cloudy-gr Organic 262 None Preservative 4°C; HCL 4°C; HNO3	еу рН 7.15	Temp. 13.98	Conductivit 2.60
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Cloudy-gr Organic 224 None # Collected 2 1	Filtered No No	Cloudy-gr Organic 262 None Preservative 4°C; HCL 4°C; HNO3	еу рН 	Temp. 13.98	Conductivity 2.60
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL 	Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Cloudy-gr Organic 224 None # Collected 2 1 1 	Filtered No No	Cloudy-gr Organic 262 None Preservative 4°C ; HCL 4°C ; HNO3	еу рН 7.15	Temp. 13.98	Conductivit, 2.60

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		<u>Grou</u>	nu water	Samping Log					
Date: 9/16/10 Site Name: DeWi Site Location: De	itt Landfill Witt, NY			Weat We Projec	her: Rain 11 #: 3S ct #: 10-	n, Mid 60 727)'s		
Personnel: Jamie	Pentland, Strate	egic Environm	ental Excavation Method: Manual Bailing						
Douth of W/ 11#		25.50 0	Water Volume/ft. for:						
Depth of Water *		35.59 ft. 2.01 ft		2" Diam 4" Diam	leter Well	l = 0.103 l = 0.653	X L WC		
Length of Water (Column	32.68 ft.		6" Dian	neter Wel	l = 0.055 l = 1.469	x LWC		
Volume of Water	in Well	5.3 gal.(s)				1.102	x 2 0 0		
3X Volume of Wa Top of Well Elev Water Table Elev	ater in Well ation vation	16.0 gal.(s)	Volu Did	me removed befor well go dry? No	re sampli	ng ~16	gal.(s)		
*Measurements ta	aken from <u>X</u>	CTop of We	ell Casing	Top of Pro	tective C	asting _	Other Sp		
Water parameters	;								
Temp	perature Reading	gs	pH 4. 7.	I Readings 0 Standard 4.0 0 Standard 7.0 0 Standard 10.0		Condu 84	ctivity Readin S Standard		
In	uitial 11.24°C		10.	Initial 7.38	′	1415	Initial 3		
After 16 (g	al.) 10.50℃		afte	r 16 (gal.) 7.24		after 16(gal.) 2.95			
Water Samples: C	Collected for EP	A Method 624	4 and Prior	rity Pollutant Meta	ils analys	is			
Time Collected: 1	14:08								
Time Collected: 1 Physical Appeara	14:08 nce:	<u>1st Bail</u>		Sample					
Time Collected: 1 Physical Appeara	14:08 nce: Date	<u>1st Bail</u> 9/16/10		<u>Sample</u> 9/16/10					
Time Collected: 1 Physical Appeara	14:08 nce: Date Color	<u>1st Bail</u> 9/16/10 Cloudy-w	hite	<u>Sample</u> 9/16/10 Clear					
Time Collected: 1 Physical Appeara	14:08 nce: Date Color Odor	<u>1st Bail</u> 9/16/10 Cloudy-w Organic	hite	<u>Sample</u> 9/16/10 Clear Organic					
Time Collected: 1 Physical Appeara Turbidity (>	14:08 nce: Date Color Odor 100 NTUs)	<u>1st Bail</u> 9/16/10 Cloudy-w Organic 142	hite	Sample 9/16/10 Clear Organic 0					
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free	14:08 nce: Date Color Odor 100 NTUs) Product	<u>1st Bail</u> 9/16/10 Cloudy-w Organic 142 None	hite	Sample 9/16/10 Clear Organic 0 None					
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar	14:08 nce: Date Color Odor 100 NTUs) Product mples:	1 st Bail 9/16/10 Cloudy-w Organic 142 None	hite	Sample 9/16/10 Clear Organic 0 None					
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar	4:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type	1 st Bail 9/16/10 Cloudy-w Organic 142 None * # Collected	hite	Sample 9/16/10 Clear Organic 0 None	pH	Temp.	Conductivi		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 ml	14:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic	1 st Bail 9/16/10 Cloudy-w Organic 142 None	Filtered No	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HCL	pH 7.21	Temp. 10,50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	14:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic	<u>1st Bail</u> 9/16/10 Cloudy-w Organic 142 None	hite Filtered No No	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.21	Temp. 10.50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar <u>Container Size</u> 40 mL 500 mL	14:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic	1 st Bail 9/16/10 Cloudy-w Organic 142 None	hite Filtered No No	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.21	Temp. 10.50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	I 4:08 Ince: Date Color Odor I00 NTUs) Product IDES: Container Type Glass Plastic IDEGIA	1 st Bail 9/16/10 Cloudy-w Organic 142 None 	hite Filtered No No	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.21	Temp. 10.50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	14:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Plastic nal water param nitial	1 st Bail 9/16/10 Cloudy-w Organic 142 None	Filtered No No	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3 Final	pH 7.21	Temp. 10.50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL 500 mL NOTES: Addition Ir D,O.	14:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Allow nal water param nitial 1.73 mg/L	1 st Bail 9/16/10 Cloudy-w Organic 142 None	Filtered No No D.O.	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3 Final 5.71	 7.21	Temp. 10.50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL 500 mL	14:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Glass Plastic I.73 mg/L 1.6 ppt	1 st Bail 9/16/10 Cloudy-w Organic 142 None = # Collected 2 1 1 = e # Collected	hite Filtered No No D.O. Sal	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3 Final 5.71 1.5	mg/L ppt	Temp. 10.50	Conductivi 2.95		
Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL 500 mL NOTES: Addition Ir D.O. Sal TDS	I 4:08 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Antipered Mathematical 1.73 mg/L 1.6 ppt 1.94 g/L	1 st Bail 9/16/10 Cloudy-w Organic 142 None	hite Filtered No No D.O. Sal TDS	Sample 9/16/10 Clear Organic 0 None Preservative 4°C; HCL 4°C; HNO3 Final 5.71 1.5 1.89	pH 7.21 mg/L ppt g/L	Temp. 10.50	Conductivi 2.95		

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		Grou	nd Water	Sampling Log					
Date: 9/16/10 Site Name: DeWin Site Location: Dev Personnel: Jamie I	tt Landfill Witt, NY Pentland, Strategi	ic Environm	ental	Weather: Rain, Mid 60's Well #: 4S Project #: 10-727 ental Excavation Method: Manual Bailing 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 ~9 gal.(s) Did well go dry? No					
Depth of Well* Depth of Water * Length of Water O Volume of Water 3X Volume of Wa Top of Well Eleva Water Table Eleva	19 2. Column 1 in Well 2. Iter in Well 8. Ition attion	0.98 ft. 07 ft. 7.91 ft. 9 gal.(s) 8 gal.(s)	Volu Did						
*Measurements ta	ken from <u>X</u>	_Top of We	ell Casing	Top of Pro	tective Ca	asting _	Other Spec		
Temp Ini After 9 (gal Water Samples: C	tial 11.70°C .) 11.04°C ollected for EPA	Method 624	p] 4 7 10 afte	HReadings.0 Standard4.0.0 Standard7.0.0 Standard10.0Initial7.19er 9 (gal.)7.34	ls analysi	Condu 84 1413 aft s	S Standard 8 S Standard 141 Initial 3.00 er 9 (gal.) 3.23		
Time Collected: 1 Physical Appearar	5:08 nce:	<u>1st Bail</u>		Sample					
Turbidity (> 1 Sheen/Free	Date Color Odor 00 NTUs) Product	9/16/10 Cloudy Slight org 385 None	anic	9/16/10 Cloudy Slight orga 322 None	anic				
Parameters of San	iples:								
Container Size 40 mL 500 mL	Container Type Glass Plastic	# Collected 2 1	Filtered No No	Preservative 4°C ; HCL 4°C; HNO3	рН 7.34	Temp. 11.04	Conductivity 3.23		
NOTES: Addition In	al water paramet itial 18.00 mg/L	ers:	D.O. Sal	Final 3.2 1.7	mg/L ppt				

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Date: 9/16/10 Site Name: DeWitt La Site Location: DeWitt Personnel: Jamie Pent Depth of Well* Depth of Water * Length of Water Colu Volume of Water in W	ndfill , NY land, Strateg 	ic Environm	ental	Weatl Wel Projec Excavation Meth	her: Rain 1#: 4D t#: 10-7	n, Mid 60 727)'s	
Depth of Well* Depth of Water * Length of Water Colu Volume of Water in W	35				iod: Mai	nual Bail	ling	
3X Volume of Water i Top of Well Elevation Water Table Elevation	1. mn 3. Vell 5. in Well 16	5.27 ft. .58 ft. 3.69 ft. .5 gal.(s) 5.5 gal.(s)	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 <u>X</u>	_Top of We	ell Casing	Top of Prot	tective Ca	asting _	Other Speci	
Temperati Initial After 16.5 (gal. Water Samples: Collect	11.21°C 11.21°C 11.50°C cted for EPA	Method 624	PH 4. 7. 10. afte 4 and Prior	I Readings 0 Standard 4.0 0 Standard 7.0 0 Standard 10.0 Initial 6.52 r 16.5 (gal.) 7.11 rity Pollutant Meta	ls analysi	Condu 84 1413 aft s	S Standard 8 S Standard 141 Initial 7.67 er 16.5 (gal.) 3.13	
Time Collected: 15:16 Physical Appearance:	, 1	1 st Bail		Sample				
Turbidity (> 100) Sheen/Free Proc	Date Color Odor NTUs) duct	9/16/10 Cloudy Slight orga 60.2 None	anic	9/16/10 Cloudy Slight orga 14.9 None	anic			
Parameters of Sample	s:							
Container Size C 40 mL	ontainer Type Glass	# Collected	Filtered No	Preservative 4°C : HCL	pH 7.11	Temp. 11.50	Conductivity 3.15	
500 mL	Plastic	1	No	4°C; HNO3				
					-			
NOTES: Additional w Initial	/ater paramet	ers:		Final	ma/I			
Sal 4	.2 npt		Sal	1.6	ppt			
	33 g/L		TDS	2.02	g/L			
TDS 4.8	0				0			

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		Grou	nd Water	Sampling Log					
Date: 9/16/10 Site Name: DeWi Site Location: De Personnel: Jamie	ate: 9/16/10 ite Name: DeWitt Landfill ite Location: DeWitt, NY ersonnel: Jamie Pentland, Strategic Environm			Weather: Rain, Mid 60's Well #: 5S Project #: 10-727 ental Excavation Method: Manual Bailing					
Depth of Well* Depth of Water * Length of Water O Volume of Water 3X Volume of Water Top of Well Eleva Water Table Eleva	2 2 2 2 2 2 2 3 2 2 3 3 3 4 5 4 5 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6.59 ft. .91 ft. 3.68 ft. .9 gal.(s) 1.6 gal.(s)	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 ~11.5 gal.(s) Did well go dry? No						
*Measurements ta	ken from <u>X</u>	Top of We	ell Casing	Top of Pro	tective Ca	asting _	Other Specif		
Temp In After 11.5 Water Samples: C	erature Readings itial 13.09°C (gal.) 12.32°C	A Method 62	PI 4 7 10 afte	H Readings 0 Standard 4.0 0 Standard 7.0 0 Standard 10.0 Initial 7.32 er 11.5 (gal.) 7.01 rity Pollutant Meta	ls analysi	Condu 84 1413 aft s	S Standard 84 S Standard 84 I S Standard 1413 Initial 3.07 er 11.5 (gal.) 3.09		
Time Collected: 1 Physical Appearan	3:17 nce:	1 st Bail		Sample					
Turbidity (> Sheen/Free	Date Color Odor 100 NTUs) Product	9/16/10 Cloudy organic 0 None	9/16/10 Cloudy-darker organic 523 None						
Parameters of San	nples:								
Container Size 40 mL 500 mL	Container Type Glass Plastic	# Collected 2 1	Filtered No No	Preservative 4°C ; HCL 4°C; HNO3	pH 7.01	Temp. 12.32	Conductivity 3.09		
NOTES: Addition In D.O. Sal TDS ORP	hal water parame itial 4.73 mg/L 1.6 ppt 2.03 g/L -100 mV	ters:	D.O. Sal TDS ORP	Final 6.62 1.6 1.98 -4	mg/L ppt g/L mV				

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		Grou	nd water	Samping Log					
Date: 9/16/10				Weat	her Rain	Mid 60)'s		
Site Name: DeWi	tt Landfill			We	11 #· 5D	i, iviiu 00	/ 5		
Site Location: De	Witt, NY			Proied	ct #: 10-	727			
Personnel: Jamie	Pentland, Strateg	gic Environm	ental Excavation Method: Manual Bailing						
			Water Volume/ft. for:						
Depth of Well*	4	5.19 ft.	Water Volume/ft. for: 2" Diameter Well = 0.163 x LWC						
Depth of Water *	2	.27 ft.	4" Diameter Well = $0.163 \times LWC$						
Length of Water (Column 4	2.92 ft.		4" Diameter Well = 0.653 x LWC 6" Diameter Well = 1.469 x LWC					
Volume of Water	in Well 7	.0 gal.(s)							
3X Volume of Wa	ater in Well 2	1.0 gal.(s)	Volu	me removed befor	re sampli	ng ~21	gal.(s)		
Top of Well Eleva Water Table Eleva	ation		Did	well go dry? No					
*Measurements ta	iken from X	Top of We	ell Casing	Top of Pro	tective Ca	asting	Other Spec		
Water narameters						• =	·		
		_				_			
Temp	erature Readings		pН	Readings		Condu	ctivity Readings		
			4.0	Standard 4.0					
			7.0	Standard 7.0		84	S Standard		
In	tial 12 500C		10.0	Standard 10.0		1413	S Standard 14		
After 21 (g	$1121 13.38^{\circ}$		after	(a) = 1000000000000000000000000000000000000		aft	$\frac{1111121}{282} 3.1$		
Aller 21 (g	ai.) 12.90 C			21 (gui.) 7.17		and	61 21 (gui.) 5.02		
Water Samples: C	collected for EPA	Method 624	and Prior	ity Pollutant Meta	ils analysi	S			
Time Collected: 1	3:42								
Physical Appeara	nce:	<u>1st Bail</u>		Sample					
	Date	9/16/10		9/16/10					
	Date Color	9/16/10 Cloudy		9/16/10 Cloudy					
	Date Color Odor	9/16/10 Cloudy organic		9/16/10 Cloudy organic					
Turbidity (> 1	Date Color Odor 100 NTUs)	9/16/10 Cloudy organic 469		9/16/10 Cloudy organic 72.8					
Turbidity (>) Sheen/Free	Date Color Odor 100 NTUs) Product	9/16/10 Cloudy organic 469 None		9/16/10 Cloudy organic 72.8 None					
Turbidity (>) Sheen/Free Parameters of San	Date Color Odor 100 NTUs) Product nples:	9/16/10 Cloudy organic 469 None		9/16/10 Cloudy organic 72.8 None					
Turbidity (>) Sheen/Free Parameters of San	Date Color Odor 100 NTUs) Product nples:	9/16/10 Cloudy organic 469 None	Filtered	9/16/10 Cloudy organic 72.8 None		Temp	Conductivity		
Turbidity (>) Sheen/Free Parameters of San Container Size 40 mL	Date Color Odor 100 NTUs) Product nples: Container Type Glass	9/16/10 Cloudy organic 469 None # Collected 2	Filtered	9/16/10 Cloudy organic 72.8 None Preservative 4°C ; HCL	<u>pH</u> 7.17	Temp. 12.90	Conductivity 3.09		
Turbidity (> 1 Sheen/Free Parameters of San Container Size 40 mL 500 mL	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	9/16/10 Cloudy organic 469 None #Collected 2 1	Filtered No No	9/16/10 Cloudy organic 72.8 None Preservative 4°C ; HCL 4°C ; HNO3	pH 7.17	Temp. 12.90	Conductivity 3.09		
Turbidity (> 1 Sheen/Free Parameters of San Container Size 40 mL 500 mL	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	9/16/10 Cloudy organic 469 None # Collected 2 1	Filtered No No	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3	<u>pH</u> 7.17	Temp. 12.90	Conductivity 3.09		
Turbidity (> 5 Sheen/Free Parameters of San Container Size 40 mL 500 mL	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	9/16/10 Cloudy organic 469 None # Collected 2 1	Filtered No No	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3	pH 7.17	Temp. 12.90	Conductivity 3.09		
Turbidity (> Sheen/Free Parameters of San Container Size 40 mL 500 mL	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	9/16/10 Cloudy organic 469 None # Collected 2 1	Filtered No No	9/16/10 Cloudy organic 72.8 None Preservative 4°C ; HCL 4°C ; HNO3	pH 7.17	Temp. 12.90	Conductivity 3.09		
Turbidity (> Sheen/Free Parameters of San Container Size 40 mL 500 mL NOTES: Addition In	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic lass Plastic	9/16/10 Cloudy organic 469 None # Collected 2 1 1 	Filtered No No	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3 Final	pH 7.17	Temp. 12.90	Conductivity 3.09		
Turbidity (> Sheen/Free Parameters of San Container Size 40 mL 500 mL 500 mL NOTES: Addition In D.O. Sal	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic lass Plastic lass lass lass lass lass lass lass las	9/16/10 Cloudy organic 469 None #Collected 2 1	Filtered No No D.O.	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3 Final 4.69	mg/L	Temp. 12.90	Conductivity 3.09		
Turbidity (> Sheen/Free Parameters of San Container Size 40 mL 500 mL NOTES: Addition In D.O. Sal TDS	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic Plastic al water parame itial 8.04 mg/L 1.7 ppt 2.03 q/L	9/16/10 Cloudy organic 469 None # Collected 2 1 1 ters:	Filtered No No D.O. Sal TDS	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3 Final 4.69 2.45 2.0	mg/L ppt g/l	Temp. 12.90	Conductivity 3.09		
Turbidity (> Sheen/Free Parameters of San Container Size 40 mL 500 mL NOTES: Addition In D.O. Sal TDS ORP	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic al water parame itial 8.04 mg/L 1.7 ppt 2.03 g/L -1 mV	9/16/10 Cloudy organic 469 None #Collected 2 1 1 ters:	Filtered No No D.O. Sal TDS ORP	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3 Final 4.69 2.45 2.0 -16	mg/L ppt g/L mV	Temp. 12.90	Conductivity 3.09		
Turbidity (> Sheen/Free Parameters of San <u>Container Size</u> 40 mL 500 mL 500 mL NOTES: Addition In D.O. Sal TDS ORP	Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic Bass Plastic Bass Plastic Date Glass Plastic Date Glass Plastic Date Glass Plastic Date Glass Plastic Date Glass Plastic Date Glass Plastic Date Glass Date Glass Plastic Date Glass Date Glass Date Glass Date Glass Date Container Type Glass Date Date Date Date Date Date Date Date	9/16/10 Cloudy organic 469 None <u># Collected</u> 2 1 	Filtered No No D.O. Sal TDS ORP	9/16/10 Cloudy organic 72.8 None Preservative 4°C; HCL 4°C; HNO3 Final 4.69 2.45 2.0 -16	mg/L ppt g/L mV	Temp. 12.90	Conductivity 3.09		

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Date: 9/16/10 Site Name: DeWi Site Location: De Personnel: Jamie	tt Landfill Witt, NY Pentland, Strateg	gic Environm	ental	Weath Well Project Excavation Metho	er: Rair #: 6S #: 10- od: Ma	n, Mid 60 727 nual Bail	''s ing	
Depth of Well* Depth of Water * Length of Water & Volume of Water 3X Volume of Wa Top of Well Elev Water Table Elev	Column 2 in Well 3 ater in Well 1 ation ation	4.74 ft. 4.23 ft. 20.51 ft. 3.3 gal.(s) 0 gal.(s)	Volume Did v	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 ~8.3 gal.(s) Did well go dry? No				
*Measurements ta	aken from <u>X</u>	Top of We	ell Casing	Top of Prote	ective Ca	asting _	Other Spec	
Water parameters								
Temp In After 8.3 (g	itial 11.70°C gal.) 11.55°C	3	pH 4.0 7.0 10.0 after	ReadingsStandard4.0Standard7.0Standard10.0Initial7.638.3 (gal.)7.35		Condua 84 1413 afte	S Standard 8 S Standard 141 Initial 2.84 er 8.3 (gal.) 2.00	
Water Samples: C	Collected for EPA	A Method 624	and Priori	ty Pollutant Metals	s analysi	is		
Water Samples: C Time Collected: 1	Collected for EPA 0:30	A Method 624	and Priori	ty Pollutant Metals	s analysi	is		
Water Samples: C Time Collected: 1 Physical Appeara	Collected for EPA 0:30 nce:	A Method 624 <u>1st Bail</u>	and Priori	ty Pollutant Metals <u>Sample</u>	s analysi	is		
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free	Collected for EPA 0:30 nce: Date Color Odor 100 NTUs) Product	A Method 624 <u>1st Bail</u> 9/16/10 Brown slight orga 35 None	4 and Priori	ty Pollutant Metals Sample 9/16/10 Cloudy slight organ 671 None	s analysi	is		
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar	Collected for EPA 0:30 nce: Date Color Odor 100 NTUs) Product mples:	A Method 624 <u>1st Bail</u> 9/16/10 Brown slight orga 35 None	4 and Priori	ty Pollutant Metals Sample 9/16/10 Cloudy slight organ 671 None	s analysi	is		
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Collected for EPA 0:30 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	A Method 624 <u>1st Bail</u> 9/16/10 Brown slight orga 35 None # Collected 2 1	4 and Priori anic Filtered No No	ty Pollutant Metals Sample 9/16/10 Cloudy slight organ 671 None Preservative 4°C; HCL 4°C; HNO3	s analysi nic <u>pH</u> 7.35	Temp. 11.55	Conductivity 2.00	
Water Samples: C Time Collected: 1 Physical Appeara: Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	Collected for EPA 0:30 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic	A Method 624 1 st Bail 9/16/10 Brown slight orga 35 None # Collected 2 1	4 and Priori anic Filtered No No	ty Pollutant Metals Sample 9/16/10 Cloudy slight organ 671 None Preservative 4°C; HCL 4°C; HNO3	s analysi nic <u>pH</u> 7.35	Temp. 11.55	Conductivity 2.00	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> Sheen/Free Parameters of San Container Size 40 mL 500 mL NOTES: Addition In D.O. Sal TDS	Collected for EPA 0:30 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Plastic I.32 mg/L 1.4 ppt 1.78 = 75	A Method 624 1 st Bail 9/16/10 Brown slight orga 35 None # Collected 2 1	Filtered No D.O. Sal	ty Pollutant Metals Sample 9/16/10 Cloudy slight organ 671 None Preservative 4°C; HCL 4°C; HNO3 Final 2.70 1.0 1.22	mic <u>pH</u> 7.35 mg/L ppt a/L	Temp. 11.55	Conductivity 2.00	

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				amping Dog				
Date: 9/17/10 Site Name: DeWit Site Location: Dev Personnel: Jamie J	tt Landfill Witt, NY Pentland, Strate	gic Environm	ental	Weatl Wel Projec Excavation Meth	her: Ove 11 #: 7S et #: 10-' nod: Mai	rcast, Lo 727 nual Bai	ow 60's ling	
Depth of Well* Depth of Water * Length of Water O Volume of Water 3X Volume of Water Top of Well Eleva Water Table Eleva	Column in Well ater in Well ation ation	22.38 ft. 14.59 ft. 7.79 ft. 1.3 gal.(s) 3.8 gal.(s)	Volum Did v	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 ta	ken from <u>X</u>	Top of We	ell Casing	Top of Prot	tective Ca	asting _	Other Spec	
Water parameters			T					
Tempo Ini After 2.5 (g	erature Reading itial 19.85°C gal.) 19.96°C		pH 4.0 7.0 10.0 after	Readings Standard 4.0 Standard 7.0 Standard 10.0 Initial 7.74 2.5 (gal.) 7.52		Condu 84 1413 aft	ctivity Readings S Standard 8 S Standard 141 Initial 1.94 er 2.5 (gal.) 1.75	
Water Samples: C	ollected for EP	A Method 624	and Priori	ty Pollutant Meta	ls analysi	S		
Dhugiaal Appearer	0:49	1 st Doil		Comm10				
		9/17/10		9/17/10	rown			
Turbidity (> 1 Sheen/Free	Date Color Odor 00 NTUs) Product	Slightly C organic 15.0 None	loudy	organic 152 None				
Turbidity (> 1 Sheen/Free Parameters of Sam	Date Color Odor 00 NTUs) Product nples:	Slightly C organic 15.0 None	loudy	organic 152 None				
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size	Date Color Odor 00 NTUs) Product nples:	Slightly C organic 15.0 None # Collected	Filtered	Cloudy Br organic 152 None Preservative	pH	Temp.	Conductivity	
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 ml	Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Slightly C organic 15.0 None # Collected 2	Filtered No	Preservative 4°C ; HCL 4°C : HNO3		Temp. 19.96	Conductivity 1.75	
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Slightly C organic 15.0 None #Collected 2 1	Filtered No No	Preservative 4°C; HNO3	pH 7.52	Temp. 19.96	Conductivity	
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Slightly C organic 15.0 None # Collected 2 1	Filtered No No	Preservative 4°C ; HCL 4°C; HNO3	PH 	Temp. 19.96	Conductivity 1.75	
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Slightly C organic 15.0 None # Collected 2 1	Filtered No No	Preservative 4°C; HNO3	pH 7.52	Temp. 19.96	Conductivity 1.75	
Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL 	Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic al water parame itial 2.51 mg/L 1.0 ppt	Slightly C organic 15.0 None # Collected 2 1	Filtered No No D.O. Sal	Preservative 4°C; HCL 4°C; HNO3 Final 1.44 0 9	mg/L	Temp. 19.96	Conductivity 1.75	

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				8 8	-			
Date: 9/15/10 Site Name: DeWitt Site Location: DeW Personnel: Jamie P	Landfill Vitt, NY entland, Strateg	ic Environm	ental	Weath Well Project Excavation Meth	ner: Ove #: 8S t #: 10-7 od: Ma	rcast, Lo 727 nual Bail	w 60's ing	
Depth of Well* Depth of Water * Length of Water Co Volume of Water in 3X Volume of Water Top of Well Elevat Water Table Elevat	29 0. olumn 2 n Well 4. ter in Well 14 tion tion	9.24 ft. .25 ft. 8.99 ft. .7 gal.(s) 4.2 gal.(s)	Volum Did w	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				
*Measurements tak	ten from X	Top of We	ell Casing	Top of Prot	ective Ca	asting _	Other Spec	
Water parameters								
Tempe Init After 14 (ga	rature Readings ial 10.4°C l.) 10.31°C		pH 4.0 7.0 10.0 after	ReadingsStandard4.0Standard7.0Standard10.0Initial7.4614 (gal.)7.34		Condu 84 1413 afte	S Standard S Standard S Standard 14 Initial 3.7 er 14 (gal.) 1.54	
Water Samples: Co	ollected for EPA	Method 624	and Priorit	y Pollutant Metal	s analysi	is		
Water Samples: Co Time Collected: 16 Physical Appearance	ollected for EPA	Method 624	and Priorit	y Pollutant Metal <u>Sample</u>	s analysi	S		
Water Samples: Co Time Collected: 16 Physical Appearand Turbidity (> 10 Sheen/Free F	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes	and Priorit	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None	s analysi	s		
Water Samples: Co Time Collected: 16 Physical Appearanc Turbidity (> 10 Sheen/Free F Parameters of Sam	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples:	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes	and Priorit	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None	s analysi	s		
Water Samples: Co Time Collected: 16 Physical Appearanc Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes # Collected	Filtered	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None	oudy	Temp.	Conductivity	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> <u>2</u> 1	and Priorit	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C ; HCL 4°C ; HNO3	s analysi	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearand Turbidity (> 10 Sheen/Free F Parameters of Sam <u>Container Size</u> 40 mL <u>500 mL</u>	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> 2 1	and Priorit	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNO3	s analysi oudy pH 7.34	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Samp Container Size 40 mL 500 mL	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> 1 1	Filtered No	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNQ3	s analysi loudy pH 7.34	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> 1 <u>1</u>	Filtered No No	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNO3	oudy	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic line al water paramet	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> 1 Left collected 1 Left collected collected 1 Left collected collected collected 1 Left collected collecte	Filtered No No	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNO3	s analysi loudy	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 5:05 ce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic al water parametial	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> <u>1</u> ters:	and Priorit	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNQ3 Final	s analysi loudy	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size 40 mL 500 mL 	ollected for EPA 5:05 ce: Date Color Odor Odor Oo NTUs) Product ples: Container Type Glass Plastic al water parametial 1.05 mg/L	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes # Collected 2 1 ters:	Filtered No No D.O.	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNO3 Final 1.22	s analysi oudy pH 7.34 mg/L	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearand Turbidity (> 10 Sheen/Free F Parameters of Sam <u>Container Size</u> 40 mL 500 mL 	ollected for EPA i:05 ce: Date Color Odor Odor D0 NTUs) Product ples: Container Type Glass Plastic Al water parametrial 1.05 mg/L 0.6 ppt	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> 2 1 ters:	Filtered No No D.O. Sal	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNO3 Final 1.22 0.8	boudy pH 7.34 mg/L ppt	Temp. 10.31	Conductivity 1.54	
Water Samples: Co Time Collected: 16 Physical Appearance Turbidity (> 10 Sheen/Free F Parameters of Sam Container Size 40 mL 500 mL 500 mL NOTES: Additiona Init D.O. Sal TDS	Dilected for EPA Dilected for EPA Date Color Odor Odor O NTUs) Product Ples: Container Type Glass Plastic Plastic Al water parameter tial 1.05 mg/L 0.6 ppt 1.06 g/L	Method 624 <u>1st Bail</u> 9/15/10 Cloudy organic 76.2 yes <u># Collected</u> 1 Letrs:	Filtered No No D.O. Sal TDS	y Pollutant Metal Sample 9/15/10 Slightly Cl none 21.8 None Preservative 4°C; HCL 4°C; HNO3 Final 1.22 0.8 0.987	s analysi oudy pH 7.34 mg/L ppt g/L	Temp. 10.31	Conductivity 1.54	

Date: 9/15/10 Site Name: DeWit Site Location: DeV Personnel: Jamie F	t Landfill Witt, NY Pentland, Strateg	ic Environm	ental	Weath Wel Projec Excavation Meth	ner: Ligh 1 #: 8D t #: 10-7 od: Mar	t Rain, N 727 1ual Baili	fid 50's
Depth of Well* Depth of Water * Length of Water C Volume of Water i 3X Volume of Wa Top of Well Eleva Water Table Eleva	6 Olumn 4 in Well 9. Iter in Well 29 Ition	1.32 ft. 92 ft. 9.03 ft. 8 gal.(s) 9.5 gal.(s)	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 ~25 gal.(s) Did well go dry? No				
*Measurements ta	ken from <u>X</u>	_Top of We	ll Casing _	Top of Prot	ective Ca	asting	Other Speci
Tempo Ini After 25 (ga Water Samples: C	tial 12.56°C al.) 10.77°C ollected for EPA	Method 624	pH 4.0 7.0 10.0 after	Readings Standard 4.0 Standard 7.0 Standard 10.0 Initial 7.41 25 (gal.) 7.27 cy Pollutant Meta	ls analysi	Conduc 84 1413 afte s	S Standard 84 S Standard 141 Initial 3.14 er 25 (gal.) 2.56
Time Collected: 1 Physical Appearan	6:15 nce:	<u>1st Bail</u>		Sample			
Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free 1	6:15 nce: Date Color Odor .00 NTUs) Product	1 st Bail 9/15/10 Cloudy none 35.8 yes		Sample 9/15/10 Clear none 3.0 None			
Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam	6:15 nce: Date Color Odor .00 NTUs) Product nples:	1 st Bail 9/15/10 Cloudy none 35.8 yes		Sample 9/15/10 Clear none 3.0 None			
Time Collected: 14 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> <u>40 mL</u> 500 mL	6:15 nce: Date Color Odor .00 NTUs) Product nples: <u>Container Type</u> <u>Glass</u> <u>Plastic</u>	<u>1st Bail</u> 9/15/10 Cloudy none 35.8 yes <u># Collected</u> 2 1	Filtered No No	Sample 9/15/10 Clear none 3.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.27	Temp. 10.79	Conductivity 2.56
Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	6:15 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	<u>1st Bail</u> 9/15/10 Cloudy none 35.8 yes <u># Collected</u> <u>2</u> 1	Filtered No No	Sample 9/15/10 Clear none 3.0 None Preservative 4°C; HCL 4°C; HNO3	pH 7.27	Temp. 10.79	Conductivity 2.56
Time Collected: 14 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL 500 mL NOTES: Addition Int D.O. Sal TDS	6:15 nce: Date Color Odor 00 NTUs) Product 	1 st Bail 9/15/10 Cloudy none 35.8 yes # Collected 2 1 	Filtered No No D.O. Sal	Sample 9/15/10 Clear none 3.0 None Preservative 4°C; HCL 4°C; HNO3 Final 3.06 1.3 1.64	pH 7.27 mg/L ppt a/L	Temp. 10.79	Conductivity 2.56

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Date: 9/14/10				Weat	her: Ligi	ht Rain. L	ow 60's	
Site Name: DeWi	tt Landfill			We	11 #: 9S		011 00 5	
Site Location: De	Witt NY			Projec	nt#· 10-	727		
Personnel: Jamie	Pentland, Strateg	gic Environm	ental	Excavation Meth	hod: Ma	nual Baili	ng	
Depth of Well*	1	230 ft	Water Volume/ft. for: 2" Diameter Well = $0.163 \times I WC$					
Depth of Water *	1	2.59 II. 8 ft		4" Diamete	ər Well =	$0.653 \times I$	WC	
Length of Water (Column 1	0.59 ft		6" Diam	eter Well	= 1.469 x	L WC	
Volume of Water	in Well 1	.7 gal(s)		0 Dium		1.402 /	LIIC	
3X Volume of Wa	ater in Well 5	2 gal.(s)	Volum	e removed before	samplin	g ~2.5 g	gal.(s)	
Top of Well Eleva	ation	2 ()	Did	well go dry? No				
Water Table Eleva	ation							
*Measurements ta	iken from <u>X</u>	Top of We	ell Casing	Top of Pro	tective C	asting	Other Spe	
Water parameters								
Temp	erature Reading	2	ьH	Readings		Conduc	tivity Reading	
r emp		-	4.0) Standard 4.0		Conduc	in the second	
			7.0) Standard 7.0		84	S Standard	
			10.0	Standard 10.0		1413	S Standard 14	
In	itial 13.20°C			Initial 7.64			Initial 2.3	
After 2.5 (g	gal.) 13.38°C		after	· 2.5 (gal.) 7.25		afte	r 2.5 (gal.) 1.8	
Water Samples: C	Collected for EPA	A Method 624	4 and Priori	ity Pollutant Meta	ls analys	is		
Water Samples: C Time Collected: 1	Collected for EPA	A Method 624	4 and Priori	ity Pollutant Meta	ls analys	is		
Water Samples: C Time Collected: 1 Physical Appearat	Collected for EPA 5:31	A Method 624	4 and Priori	ity Pollutant Meta	ls analys	is		
Water Samples: C Time Collected: 1 Physical Appeara	Collected for EPA 5:31 nce:	A Method 624 <u>1st Bail</u>	4 and Priori	ity Pollutant Meta <u>Sample</u>	ls analys	is		
Water Samples: C Time Collected: 1 Physical Appeara	Sollected for EPA 5:31 nce: Date	A Method 624 <u>1st Bail</u> <u>9/14/10</u>	4 and Priori	ity Pollutant Meta <u>Sample</u> 9/14/10	ls analys	is		
Water Samples: C Time Collected: 1 Physical Appeara	Sollected for EPA 5:31 nce: Date Color	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w	4 and Priori	ity Pollutant Meta <u>Sample</u> 9/14/10 Cloudy	ls analys	is		
Water Samples: C Time Collected: 1 Physical Appearan	Collected for EPA 5:31 nce: Date Color Odor	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w slight sulf	4 and Priori hite fur	ity Pollutant Meta <u>Sample</u> 9/14/10 Cloudy slight sulf	ls analys	is		
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Shaan/Free	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w slight sulf 28.4 None	4 and Priori hite	ity Pollutant Meta <u>Sample</u> 9/14/10 Cloudy slight sulf 100 Nona	lls analys	is		
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w slight sulf 28.4 None	4 and Priori hite fur	ity Pollutant Meta <u>Sample</u> 9/14/10 Cloudy slight sulf 100 None	fur	is		
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of San	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples:	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w slight sulf 28.4 None	4 and Priori	ity Pollutant Meta <u>Sample</u> 9/14/10 Cloudy slight sulf 100 None	lls analys	is		
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples:	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w slight sulf 28.4 None	4 and Priori	ity Pollutant Meta <u>Sample</u> 9/14/10 Cloudy slight sulf 100 None	fur	is		
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of San	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples: Container Type	A Method 624 <u>1st Bail</u> 9/14/10 Cloudy/w slight sulf 28.4 None # Collected	4 and Priori hite ur	ity Pollutant Meta Sample 9/14/10 Cloudy slight sulf 100 None Preservative	fur	Temp.	Conductivity	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of San <u>Container Size</u> 40 mL 500 mL	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori	Sample 9/14/10 Cloudy slight sulf 100 None	fur pH 7.25	Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori	ity Pollutant Meta Sample 9/14/10 Cloudy slight sulf 100 None Preservative 4°C ; HCL 4°C ; HNO3	fur	Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori	ity Pollutant Meta Sample 9/14/10 Cloudy slight sulf 100 None Preservative 4°C ; HCL 4°C; HNO3	fur	Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori	ity Pollutant Meta Sample 9/14/10 Cloudy slight sulf 100 None Preservative 4°C ; HCL 4°C; HNO3	fur pH 7.25	Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of San <u>Container Size</u> 40 mL 500 mL	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic land al water parame itial	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori	Sample 9/14/10 Cloudy slight sulf 100 None	fur	is Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL NOTES: Addition In	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic al water parame itial	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori	Sample 9/14/10 Cloudy slight sulf 100 None	fur pH 7.25 mg/I	is Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL NOTES: Addition In D.O. Sal	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Plastic al water parame itial 1.11 mg/L 1.2 npt	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori 4 and Priori hite iur Filtered No No D.O. Sol	Sample 9/14/10 Cloudy slight sulf 100 None	fur pH 7.25 mg/L pnt	Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL NOTES: Addition In D.O. Sal TDS	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Plastic al water parame itial 1.11 mg/L 1.2 ppt 1.52 q/L	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori 4 and Priori hite iur Filtered No No D.O. Sal TDS	Sample 9/14/10 Cloudy slight sulf 100 None Preservative 4°C; HCL 4°C; HNO3 Final 1.89 0.9	by the second se	is Temp. 13.38	Conductivity 1.80	
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL NOTES: Addition In D.O. Sal TDS ORP	Collected for EPA 5:31 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic All water parame itial 1.11 mg/L 1.2 ppt 1.52 g/L -94 mV	A Method 624 1 st Bail 9/14/10 Cloudy/w slight sulf 28.4 None # Collected 2 1	4 and Priori 4 and Priori hite iur Filtered No No D.O. Sal TDS OR P	Sample 9/14/10 Cloudy slight sulf 100 None Preservative 4°C; HCL 4°C; HNO3	fur fur mg/L ppt g/L mV	is Temp. 13.38	Conductivity 1.80	

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Date: 9/14/10 Site Name: DeWi Site Location: De Personnel: Jamie	tt Landfill Witt, NY Pentland, Strateg	ic Environm	ental	Weath Well Project Excavation Meth	ner: Ligh l #: 9M t #: 10-7 od: Man	nt Rain, L 727 nual Bail	.ow 60's ing
Depth of Well* Depth of Water * Length of Water & Volume of Water 3X Volume of Water Top of Well Elev Water Table Elev	2. Column 3 in Well 5. ater in Well 1' ation ation	8.03 ft. 21 ft. 5.82 ft. 8 gal.(s) 7.5 gal.(s)	Water Volume/ft. for:2" Diameter Well = 0.163 x LWC4" Diameter Well = 0.653 x LWC6" Diameter Well = 1.469 x LWCs).(s)Volume removed before sampling ~16 gal.(s)Did well go dry? No				
*Measurements ta	aken from <u>X</u>	_Top of We	ell Casing	Top of Prot	ective Ca	asting	Other Speci
Water parameters							
Temp In After 16 (g	erature Readings itial 12.54°C al.) 11.74°C]	pH 4.0 7.0 10.0 after	Readings Standard 4.0 Standard 7.0 Standard 10.0 Initial 7.88 16(gal.) 7.00		Conduc 84 1413 afte	S Standard 8 S Standard 141 Initial 5.29 er 16 (gal.) 3.29
Water Samples: C	Collected for EPA	Method 624	and Priori	ty Pollutant Metal	s analysi	<u>s</u>	
Water Samples: C Time Collected: 1 Physical Appeara	Collected for EPA 5:20 nce:	Method 624	and Priori	ty Pollutant Metal Sample	s analysi	S	
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product	Method 624 <u>1st Bail</u> 9/14/10 Clear sulfur 10.6 None	4 and Priori	ty Pollutant Metal Sample 9/14/10 Clear none 10.8 None	s analysi	S	
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product mples:	Method 624 <u>1st Bail</u> 9/14/10 Clear sulfur 10.6 None	and Priori	ty Pollutant Metal Sample 9/14/10 Clear none 10.8 None	s analysi	S	
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	Method 624	Filtered No No	ty Pollutant Metal Sample 9/14/10 Clear none 10.8 None Preservative 4°C; HCL 4°C; HNO3	pH 7.00	S Temp. 11.74	Conductivity 3.29
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar <u>Container Size</u> 40 mL 500 mL NOTES: Addition Ir	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic 	Method 624	Filtered No No	ty Pollutant Metal Sample 9/14/10 Clear none 10.8 None Preservative 4°C; HCL 4°C; HNO3 Final 2 73	pH 7.00	S Temp. 11.74	Conductivity 3.29

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Date: 9/14/10 Site Name: DeWi Site Location: De Personnel: Jamie	tt Landfill Witt, NY Pentland, Strateg	ic Environm	Weather: Light Rain, Low 60's Well #: 9D Project #: 10-727 ental Excavation Method: Manual Bailing				
Depth of Well* Depth of Water * Length of Water (Volume of Water	5: 44 Column 8 in Well 1	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					
3X Volume of Water Top of Well Eleva Water Table Eleva	ation 4.	Volum Did v	e removed before well go dry? yes	e sampling	g ~4.5 g	gal.(s)	
*Measurements ta	iken from <u>X</u>	_Top of We	ell Casing	Top of Pro	otective Ca	asting	Other Spec
Water parameters		_					
Temp	erature Readings		рН 4.0	Readings)	Conduc	tivity Readings
In After 4.5 (1	itial 12.56°C gal.) °C	`` 10.0	4.0 Standard 4.0 ` ☐0.0 Standard ` 10.0 ItĀ Initial 7.6 after 4.5(gal.)			84 S Standard 8 1413 S Standard 141 Initial after 4.5 (gal.)	
Water Samples: C	Collected for EPA	Method 624	and Priori	ty Pollutant Meta	als analysi	is	
Water Samples: C Time Collected: 1	Collected for EPA	Method 624	4 and Prior	ty Pollutant Meta	als analysi	is	
Water Samples: C Time Collected: 1 Physical Appeara	Collected for EPA 5:20 nce:	Method 624 <u>1st Bail</u>	4 and Prior	ty Pollutant Meta <u>Sample</u>	als analys	is	
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> 1 Sheen/Free	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product	Method 624 <u>1st Bail</u> 9/14/10 Cloudy wi nonr 42.2 None	4 and Prior	ty Pollutant Meta	als analys	is	
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples:	<u>1st Bail</u> 9/14/10 Cloudy wi nonr 42.2 None	4 and Prior	ty Pollutant Meta	als analys	is	
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar <u>Container Size</u> 40 mL	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: <u>Container Type</u> Glass	Method 624 <u>1st Bail</u> 9/14/10 Cloudy wi nonr 42.2 None # Collected 2	4 and Prior	ty Pollutant Meta Sample Preservative 4°C ; HCL	als analysi	Temp.	Conductivity
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> 1 Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/14/10 Cloudy winonr 42.2 None # Collected 2 1	4 and Priori	ty Pollutant Meta Sample Preservative 4°C ; HCL 4°C ; HNO3	als analysi	Temp.	Conductivity
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/14/10 Cloudy winonr 42.2 None # Collected 2 1	4 and Priori	ty Pollutant Meta Sample Preservative 4°C ; HCL 4°C; HNO3	pH	Temp.	Conductivity
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar <u>Container Size</u> 40 mL 500 mL	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic Plastic	Method 624 <u>1st Bail</u> 9/14/10 Cloudy with nonr 42.2 None # Collected 2 1 ters:	4 and Priori	ty Pollutant Meta Sample	pH	Temp.	Conductivity
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL 500 mL	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product mples: Container Type Glass Plastic Plastic	Method 624 <u>1st Bail</u> 9/14/10 Cloudy winonr 42.2 None <u># Collected</u> 2 1 ters:	4 and Priori	ty Pollutant Meta Sample Preservative 4°C; HCL 4°C; HNO3 Final	pH	Temp.	Conductivity
Water Samples: C Time Collected: 1 Physical Appeara Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL 500 mL 	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic Plastic al water parame nitial 0.32 mg/L	Method 624 <u>1st Bail</u> 9/14/10 Cloudy with nonr 42.2 None # Collected 2 1 ters:	4 and Priori	ty Pollutant Meta Sample	pH mg/L	Temp.	Conductivity
Water Samples: C Time Collected: 1 Physical Appeara: Turbidity (> Sheen/Free Parameters of Sar Container Size 40 mL 500 mL NOTES: Addition In D.O. Sal TDS	Collected for EPA 5:20 nce: Date Color Odor 100 NTUs) Product nples: Container Type Glass Plastic Plastic Individual and the second seco	Method 624 <u>1st Bail</u> 9/14/10 Cloudy with nonr 42.2 None # Collected 2 1 ters:	4 and Priori	ty Pollutant Meta Sample	mg/L ppt p/L	Temp.	Conductivity

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			nu muter	Sampling 1.0g			
Date: 9/14/10 Site Name: DeWi Site Location: De	itt Landfill Witt, NY			Weat We Projec	her: Mos 11 #: 10S ct #: 10-	stly Cloud	ly, Mid 50's
Personnel: Jamie	ic Environm	ental	Excavation Met	hod: Ma	mual Baili	ing	
				Water Vol	ume/ft. fo	or:	
Depth of Well* Depth of Water *	2	0.62 ft. 1.33 ft.		4" Diam	ieter Wel ieter Wel	l = 0.163	x LWC x LWC
Length of Water	Column 9	.29 ft.		6" Diame	ter Well	= 1.469 x	LWC
Volume of Water 3X Volume of W Top of Well Elev Water Table Elev	in Well 1 ater in Well 4 ation vation	Volum Did v	e removed before well go dry? no	e samplin	g ~3.2 §	gal.(s)	
*Measurements ta	aken from <u>X</u>	Top of We	ell Casing	Top of Pro	tective C	asting	Other Sp
Water parameters							
Temp	perature Readings		pH 4.0 7.0	Readings) Standard 4.0) Standard 7.0) Standard 10.0		Conduc 84 1413	tivity Readin S Standard S Standard
In After 3.2 (uitial 17.61°C		after	Initial 6.80		afte	Initial 1.8 ar 3.2 (gal.) 1.3
	6,						
Water Samples: C	Collected for EPA	Method 624	4 and Prior	ity Pollutant Meta	als analys	is	
Time Collected: 1	6:45						
Physical Appeara	nce:	<u>1st Bail</u>		Sample			
	Date	9/15/10		9/15/10			
	Color	Clear		Brown			
Turbidity (>	Udor 100 NTUs)	Organic 28.8		Organic 373.0			
Sheen/Free	Product	None		None			
Parameters of San	mples:						
Container Size	Container Type	# Collected	Filtered	Preservative	pH	Temp.	Conductivi
<u>40 mL</u> 500 mL	Plastic	1	N0 No	4°C ; HCL 4°C; HNO3	6.95	17.33	1.80
NOTES: Addition	nal water parame	ters:					
NOTES: Addition	nal water parame	ters:		Final			
NOTES: Addition Ir D.O.	nal water parame nitial 2.36 mg/L	ters:	D.O.	Final 1.64	mg/L		
NOTES: Addition Ir D.O. Sal TDS	nal water parame nitial 2.36 mg/L 1.0 ppt	ters:	D.O. Sal	Final 1.64 0.9	mg/L ppt		
NOTES: Addition Ir D.O. Sal TDS ORP	nal water parame nitial 2.36 mg/L 1.0 ppt 1.22 g/L -72.0 mV	ters:	D.O. Sal TDS ORP	Final 1.64 0.9 1.15 -31	mg/L ppt g/L mV		

				oumphing Dog			
Date: 9/16/10 Site Name: DeWi Site Location: De Personnel: Jamie	tt Landfill Witt, NY Pentland, Strateg	gic Environm	nental	Weat Wei Projec Excavation Meth	her: Rain Il #: 11D et #: 10- nod: Ma	ny, Mid 6 727 nual Bail	ing
Depth of Well* Depth of Water * Length of Water O Volume of Water 3X Volume of Wa Top of Well Eleva Water Table Eleva	3 Column 8 in Well 1 ater in Well 4 ation ation	9.45 ft. 1.23 ft. .22 ft. .3 gal.(s) .0gal.(s)	ft. 2" Diameter Well = 0.163 x LWC ft. 4" Diameter Well = 0.653 x LWC ft. 6" Diameter Well = 1.469 x LWC (s) Volume removed before sampling ~2.5 gal.(s) Did well go dry? no				
*Measurements ta	ken from <u>X</u>	Top of We	ell Casing	Top of Pro	tective Ca	asting _	Other Speci
Water parameters							
Temp Ini After 2.5 (g	erature Readings itial 12.51°C gal.) 12.15 °C	9	pH 4.0 7.0 10.0 after	Readings) Standard 4.0) Standard 7.0) Standard 10.0 Initial 7.83 2.5 (gal.) 7.53		Condue 84 1413 afte	S Standard 8 S Standard 141 Initial 1.05 er 2.5 (gal.) 1.03
Water Samples: C	ollected for EPA	Method 62	4 and Prior	ity Pollutant Meta	ls analysi	is	
Water Samples: C Time Collected: 1 Physical Appearar	ollected for EPA 1:40 nce:	Method 624	4 and Prior	ty Pollutant Meta <u>Sample</u>	ls analysi		
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free	ollected for EPA 1:40 nce: Date Color Odor .00 NTUs) Product	1 st Bail 9/16/10 Brown-Cl none Error Rea None	4 and Prior oudy ding	ty Pollutant Meta <u>Sample</u> 9/16/10 Brown-Clo none Error Readi None	ls analysi udy ng	 IS	
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam	ollected for EPA 1:40 nce: Date Color Odor .00 NTUs) Product	1 st Bail 9/16/10 Brown-Cl none Error Rea None	4 and Prior oudy iding	ity Pollutant Meta <u>Sample</u> 9/16/10 Brown-Clo none Error Readi None	ls analysi udy ng		
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/16/10 Brown-Cl none Error Rea None # Collected 2 1	4 and Prior oudy iding Filtered No No	Sample 9/16/10 Brown-Clo none Error Readi None Preservative 4°C ; HCL 4°C ; HNO3	ls analysi udy ng <u>pH</u> 7.53	Temp. 12.15	Conductivity 1.03
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 1:40 hce: Date Color Odor Odor 00 NTUs) Product hples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/16/10 Brown-Cl none Error Rea None # Collected 2 1 	4 and Priors	Sample 9/16/10 Brown-Clo none Error Readi None Preservative 4°C ; HCL 4°C ; HNO3	ls analysi udy ng <u>PH</u> 7.53	Temp. 12.15	Conductivity 1.03

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		Grour						_
Date: 9/16/10 Site Name: DeWit Site Location: DeV Personnel: Jamie F	t Landfill Witt, NY Pentland, Strategi	c Environm	ental	Weath Well Project Excavation Metho	er: Rain #: 12S #: 10-7 od: Mar	y, Mid 60 727 nual Bailin	ng	
Depth of Well* Depth of Water * Length of Water C Volume of Water : 3X Volume of Wa Top of Well Eleva Water Table Eleva	23 10 201umn 12 in Well 2. tter in Well 6. ation	3.01 ft. 0.31 ft. 2.7 ft. 1 gal.(s) 2 gal.(s)	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 ~6.5 gal.(s) Did well go dry? no					
*Measurements ta	ken from <u>X</u>	_Top of We	ll Casing	Top of Prote	ective Ca	sting	Other Sp	ecify
Water parameters								
Tempo Ini After 6.5 (g	erature Readings tial 15.78°C gal.) 18.46 °C		pH 4.0 7.0 10.0 after	Readings Standard 4.0 Standard 7.0 Standard 10.0 Initial 7.11 6.5 (gal.) 7.23		Conduc 84 9 1413 9 after	tivity Reading S Standard S Standard 1 Initial 2.1 r 6.5 (gal.) 1.7	84 413 .5 73
Water Samples: C	ollected for EPA	Method 624	and Priori	ty Pollutant Metal	s analysi	s		
Water Samples: C Time Collected: 1 Physical Appearar	ollected for EPA 1:40 1ce:	Method 624 <u>1st Bail</u>	and Priori	ty Pollutant Metal	s analysi	S		
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None	and Priori	ty Pollutant Metal Sample 9/16/10 cloudy-brow organic 646 None	s analysi	S		
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product ples:	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None	and Priori	ty Pollutant Metal Sample 9/16/10 cloudy-brow organic 646 None	s analysi	S		
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product nples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None # Collected 2 1	Filtered No No	ty Pollutant Metal Sample 9/16/10 cloudy-brow organic 646 None Preservative 4°C ; HCL 4°C ; HNO3	s analysi vn <u>pH</u> 7.23	S Temp. 18.46	Conductivit 1.73	ły
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic	Method 624 <u>1st Bail</u> 9/16/10 cloudy-brc organic 73.4 None <u>#Collected</u> 2 1 	Filtered No No	ty Pollutant Metal <u>Sample</u> 9/16/10 cloudy-brow organic 646 None Preservative 4°C; HCL 4°C; HNO3	pH 7.23	S Temp. 18.46	Conductivit 1.73	ty
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL	ollected for EPA 1:40 nce: Date Color Odor Odor 00 NTUs) Product nples: Container Type Glass Plastic Plastic	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None <u># Collected</u> 2 1 	Filtered No No	ty Pollutant Metal <u>Sample</u> 9/16/10 cloudy-brow organic 646 None Preservative 4°C ; HCL 4°C ; HNO3	s analysi vn PH 7.23	S Temp. 18.46	Conductivit 1.73	ty
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product uples: Container Type Glass Plastic al water paramet	Method 624 <u>1st Bail</u> 9/16/10 cloudy-brc organic 73.4 None <u># Collected</u> <u>1</u> rers:	Filtered No No intervention	ty Pollutant Metal Sample 9/16/10 cloudy-brow organic 646 None Preservative 4°C; HCL 4°C; HNO3	s analysi vn 7.23	S Temp. 18.46	Conductivit 1.73	ty
Water Samples: C Time Collected: 1 Physical Appearan Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL NOTES: Addition In	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic al water paramet itial	Method 624	Filtered No No	ty Pollutant Metal <u>Sample</u> 9/16/10 cloudy-brow organic 646 None Preservative 4°C; HCL 4°C; HNO3 Final	s analysi vn pH 7.23	S Temp. 18.46	Conductivit 1.73	ty
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL NOTES: Addition In D.O.	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic al water paramet itial 2.17 mg/L	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None # Collected 2 1 ers:	Filtered No No D.O.	ty Pollutant Metal <u>Sample</u> 9/16/10 cloudy-brow organic 646 None Preservative 4°C; HCL 4°C; HNO3 Final 4.77	s analysi vn <u>pH</u> 7.23 mg/L	S Temp. 18.46	Conductivit 1.73	цу
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam Container Size 40 mL 500 mL NOTES: Addition In D.O. Sal	ollected for EPA 1:40 nce: Date Color Odor Odor 00 NTUs) Product ples: Container Type Glass Plastic al water paramet itial 2.17 mg/L 1.1 ppt	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None # Collected 2 1 	Filtered No D.O. Sal	ty Pollutant Metal Sample 9/16/10 cloudy-brow organic 646 None Preservative 4°C; HCL 4°C; HCL 4°C; HNO3 Final 4.77 0.9	pH 7.23 mg/L ppt	S Temp. 18.46	Conductivit 1.73	ty
Water Samples: C Time Collected: 1 Physical Appearar Turbidity (> 1 Sheen/Free Parameters of Sam <u>Container Size</u> 40 mL 500 mL NOTES: Addition In D.O. Sal TDS OP P	ollected for EPA 1:40 nce: Date Color Odor 00 NTUs) Product ples: Container Type Glass Plastic al water paramet itial 2.17 mg/L 1.1 ppt 1.38 g/L 78 mV	Method 624 <u>1st Bail</u> 9/16/10 cloudy-bro organic 73.4 None <u># Collected</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u>1</u> <u></u>	Filtered No No D.O. Sal TDS OR P	ty Pollutant Metal Sample 9/16/10 cloudy-brow organic 646 None Preservative 4°C; HCL 4°C; HNO3 Final 4.77 0.9 1.11 02	pH 7.23 mg/L ppt g/L mV	S Temp. 18.46	Conductivit 1.73	ty

\Jed2009\s\OFFICE SHARED\OfficeShared\Strategic Environmental, LLC FILES\Client Files\2010 PROJECTS\10-727 OBG Town of DeWitt Landfill\September 2010\Groundwater Notes 2010\GW Log 12S.doc

Appendix B Laboratory Analysis Results and Custody Documentation – Surface and Ground Water





Analysis Testin • Organics • Inorganics • Metals • Wetchemistr • Microbiology • Asbestos Field Sampling Courter Service

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

Laboratory Analysis Report

STRATEGIC ENVIRONMENTAL, LLC 25 1/2 Water Street

PROJECT #: RECEIVED:

246157 09/17/2010 @ 14:45

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

Site Address: DEWITT LANDFILL

TEST PERFORMED	1	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	7)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Pre	d 7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHV	¥)					
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 Diges	stion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556590	CLIENT SAMPLE ID:	W-B-S			DATE/TIME SAMPLED:	09/15/10 @ 16 05
Volatile - 624 W/MT	ſBE					
1,1,1-trichlor	oethane	<1 00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrae	chloroethane	<1 00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichlor	oethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroe	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroe	ethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorot	enzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroe	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorop	propane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorob	enzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorob	enzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethy	lvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene		<1.00	UG/L	09/23/10	EPA 624	ASI

Baldwinsville, NY 13027 ATTN: Jamie Pentland PROJECT #: RECEIVED: 246157 09/17/2010 @ 14:45

Site Address: DEWITT LANDFILL

TEST PERFORMED)	RESULTS	UNITS	DATE/TIME PERFORMED	NUMBER	PERFORMED BY
SAMPLE #: 556590	CLIENT SAMPLE ID:	W-8-S			DATE/TIME SAMPLED	: 09/15/10 @ 16:05
Volatile - 624 W/M7	TBE					
bromodichlo	romethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform		<1.00	UG/L	09/23/10	EPA 624	ASI
bromometha	ne	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrac	chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenze	ne	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	9	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform		<1.00	UG/L	09/23/10	EPA 624	ASI
chlorometha	ne	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichle	propropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochlo	romethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	э	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene cl	hloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe		<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroet	hene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene		<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dic	hloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dic	hloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethe	ne	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluor	omethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	9	72.8	UG/L	09/23/10	EPA 624	AS
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
C	4- (fl 1	4-1 10	1. 100.0/	a	0/	111. 0.9.9/

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 M	ÆRCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
	Mercury Prep 7470A			09/22/10	EPA 7470A	RIC
PP N	Actals (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

PO#: 10-727

Silver Environmental

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

Site Address: DEWITT LANDFILL

TEST PERFORMED)	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556591	CLIENT SAMPLE ID:	W-10-S			DATE/TIME SAMPLED	: 09/15/10 @ 16:45
Metals Dige	stion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556592	CLIENT SAMPLE ID:	W-10-S			DATE/TIME SAMPLED	: 09/15/10 @ 16:45
Volatile - 624 W/M	TBE					
1,1,1-trichlo	roethane	< 1 .00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetra	chloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichlo	roethane	< 1 .00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloro	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloro	ethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloro	benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloro	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloro	propane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichloro	benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichloro	benzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethy	/lvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene		<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichla	promethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform		<1.00	UG/L	09/23/10	EPA 624	ASI
bromometha	ane	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetra	chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenze	ene	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethan	е	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform		<1.00	UG/L	09/23/10	EPA 624	ASI
chlorometha	ine	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichl	oropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochlo	oromethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzen	e	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene c	hloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe		<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroe	thene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene		<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-did	chloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-did	chloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethe	ene	2.08	UG/L	09/23/10	EPA 624	ASI
trichlorofluor	romethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chlorid	e	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, m+p		<1.00	UG/L	09/23/10	EPA 624	ASI
xvlene o		<1.00	11G/I	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



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 #: 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
l 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	AS
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	<1.0 0	UG/L	09/23/10	EPA 624	ASI
ethylbenzene	<1.0 0	UG/L	09/23/10	EPA 624	ASI
methylerie chloride	<1.0 0	UG/L	09/23/10	EPA 624	ASI

Baldwinsville, NY 13027 ATTN: Jamie Pentland

1,1-dichloroethene

1,2-dichloroethane

1,2-dichloropropane

1.2-dichlorobenzene

PO#: 10-727

PROJECT #: RECEIVED:

246157 09/17/2010 @ 14:45

Site Address: DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	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 % i	ecovery,(toluene-a	8): 90 % recover	y,(bromofluorobenzene): 94	% recovery, (1,2-dichlorobenz	ene-d4): 104

% recovery. Surrogate recovery acceptance limits are 85-115%

SAMPLE #: 556595	CLIENT SAMPLE ID:	W-9-S			DATE/TIME SAMPLED: 09	9/15/10 @ 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 Digest	ion			09/23/10	EPA 3005A	RIC
SAMPLE #: 556596	CLIENT SAMPLE ID:	W-9-S			DATE/TIME SAMPLED: 09	9/15/10 @ 15:31
Volatile - 624 W/MTI	3E					
1,1,1-trichloro	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1.1.2.2-tetracl	hloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1.1.2-trichloro	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1.1-dichloroet	hane	<1.00	UG/L	09/23/10	EPA 674	ASI
1 1-dichloroet	hene	<1.00	UG/L	09/23/10	EPA 624	ASI

<1.00

<1.00

<1.00

<1.00

UG/L

UG/L

UG/L

09/23/10

09/23/10

09/23/10

EPA 624

EPA 624

EPA 624

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ASI

ASI

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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 #: 556596	CLIENT SAMPLE ID:	W-9-S			DATE/TIME SAMPLE	ED: 09/15/10 @ 15:31
Volatile - 624 W/M	IBE					
1,3-dichlorol	penzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorot	penzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethy	lvinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
benzene		<1.00	UG/L	09/23/10	EPA 624	ASI
bromodichlo	romethane	<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform		<1.00	UG/L	09/23/10	EPA 624	ASI
bromometha	ine	<5.00	UG/L	09/23/10	EPA 624	ASI
carbon tetra	chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chlorobenze	ne	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane	e	<5.00	UG/L	09/23/10	EPA 624	ASI
chloroform		<1.00	UG/L	09/23/10	EPA 624	ASI
chlorometha	ne	<5.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichl	oropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
dibromochlo	romethane	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzen	е	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene c	hloride	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe		<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroet	hene	<1.00	UG/L	09/23/10	EPA 624	ASI
toluene		<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dic	hloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dic	hloropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethe	ne	<1.00	UG/L	09/23/10	EPA 624	ASI
trichlorofluor	omethane	<1.00	UG/L	09/23/10	EPA 624	ASI
vinyl chloride	9	<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: ()9/15/10 @ 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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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 #: 556597 CLIENT SAMPLE IE	D: W-9-M			DATE/TIME SAMPLED:	09/15/10 @ 15:20
PP Metals (GW,SHW)	< 9 5		00/28/10	EDA (020	<u>CPI</u>
selenium	<20	UG/L	09/20/10	EPA 6020	
	<z3< td=""><td></td><td>09/20/10</td><td>EPA 6020</td><td></td></z3<>		09/20/10	EPA 6020	
	<5.0 E2		09/27/10	EPA 0020	
Metals Digestion	55	UGIL	09/23/10	EPA 3005A	RIC
SAMPLE #: 556598 CLIENT SAMPLE I): 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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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 #: 556598	CLIENT SAMPLE ID:	W-9-M			DATE/TIME SAMPLED:	09/15/10 @ 15:20
Volatile - 624 W/MT	BE					
Surrogat recovery.	e (fluorobenzene): 98 % rec Surrogate recovery accepte	overy,(toluene-d8 ance limits are 85): 97 % recover_ -115%	y,(bromofluorobenzene): 96 %	6 recovery,(1,2-dichlorobenzene	-d4): 100 %
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	0					
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 Digest	ion			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/MT	BE					
1,1,1-trichlord	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetrac	hloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2-trichlord	oethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroet	hane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroel	hene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobe	enzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloroet	hane	<1.00	UG/L	09/23/10	EPA 624	AS
1,2-dichlorop	opane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobe	enzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,4-dichlorobe	enzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylv	rinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
		<1.00	UG/L	09/23/10	EPA 624	ASI
benzene			1101	00/22/10	FPA 624	ASI
benzene bromodichlore	omethane	<1.00	UG/L	09/23/10	DITIOZI	1.01
benzene bromodichloro bromoform	omethane	<1.00 <1.00	UG/L UG/L	09/23/10	EPA 624	ASI
benzene bromodichloro bromoform bromomethar	omethane	<1.00 <1.00 <5.00	UG/L UG/L UG/L	09/23/10 09/23/10 09/23/10	EPA 624 EPA 624	ASI
benzene bromodichloro bromoform bromomethar carbon tetraci	omethane le nloride	<1.00 <1.00 <5.00 <1.00	UG/L UG/L UG/L UG/L	09/23/10 09/23/10 09/23/10 09/23/10	EPA 624 EPA 624 EPA 624	ASI ASI ASI
benzene bromodichloro bromoform bromomethar carbon tetracl chlorobenzen	omethane le nloride e	<1.00 <1.00 <5.00 <1.00 <1.00	UG/L UG/L UG/L UG/L UG/L	09/23/10 09/23/10 09/23/10 09/23/10 09/23/10	EPA 624 EPA 624 EPA 624 EPA 624	ASI ASI ASI ASI

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Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157 RECEIVED: 09/17/201

09/17/2010 @ 14:45

Site Address: DEWITT LANDFILL

	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
1	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 (Duorohenzene) 99 % re	covery (toluene-de	1. 99 % recovery	(bromofluorobenzene): 93 %	recovery (1.2-dichlorobenze	ne-d4) · 101 %

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 Digest	ion			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/MT	3E	-1.00		00/22/10		
1,1,1-trichloro	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1,2,2-tetracl	nloroethane	<1.00	UG/L	09/23/10	EPA 624	ASI

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

Site Address: DEWITT LANDFILL

SAMPLE #: 556602 CLENT SAMPLE ID: We-S DATE/TIME SAMPLED: 0.00 Yolatile - 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 1,2-dichloroethane <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-dichloroptenzene <1.00 UG/L 09/23/10 EPA 624 ASI 1,2-dichloroptenzene <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 benzene <1.00 UG/L 09/23/10 EPA 624 ASI benzene <1.00 UG/L 09/23/10 EPA 624 </th <th>TEST PERFORMED</th> <th>)</th> <th>RESULTS</th> <th>UNITS</th> <th>DATE/TIME PERFORMED</th> <th>METHOD NUMBER</th> <th>PERFORMED BY</th>	TEST PERFORMED)	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
Volatile - 624 W/MTBE1, 1, 2-tichloroethane<1.00UG/L09/23/10EPA 624ASI1, 1-dichloroethane<1.00UG/L09/23/10EPA 624ASI1, 1-dichloroethane<1.00UG/L09/23/10EPA 624ASI1, 2-dichloroethane<1.00UG/L09/23/10EPA 624ASI1, 2-dichloropthane<1.00UG/L09/23/10EPA 624ASI1, 2-dichloroptopane<1.00UG/L09/23/10EPA 624ASI1, 3-dichlorobenzene<1.00UG/L09/23/10EPA 624ASI2-chloroethylvinyl ether<5.00UG/L09/23/10EPA 624ASIbenzene<1.00UG/L09/23/10EPA 624ASIbromodichloromethane<1.00UG/L09/23/10EPA 624ASIbromodichloromethane<1.00UG/L09/23/10EPA 624ASIbromodichloromethane<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10EPA 624ASIchlorobenzene<1.00UG/L09/23/10<	SAMPLE #: 556602	CLIENT SAMPLE ID:	W-6-S			DATE/TIME SAMPLED	: 09/16/10 @ 10:30
1, 1, 2-trichloroethane<1.00UG/L09/23/10EPA 624ASI $1, 1-tichloroethane$ <1.00	Volatile - 624 W/M	ГВЕ					
1,1-dichloroethane <1.00	1,1,2-trichlor	oethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,1-dichloroethene <1.00	1,1-dichloroe	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichlorobenzene <1.00	1,1-dichloroe	ethene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropthane <1.00	1,2-dichlorot	penzene	<1.00	UG/L	09/23/10	EPA 624	ASI
1,2-dichloropropane <1.00	1,2-dichloroe	ethane	<1.00	UG/L	09/23/10	EPA 624	ASI
1,3-dichlorobenzene <1.00	1,2-dichlorop	propane	<1.00	UG/L	09/23/10	EPA 624	ASi
1,4-dichorobenzene <1.00	1,3-dichlorot	penzene	<1.00	UG/L	09/23/10	EPA 624	ASI
2-chloroethylvinyl ether <5.00	1,4-dichlorot	penzene	<1.00	UG/L	09/23/10	EPA 624	ASI
benzene <1.00 UG/L 09/23/10 EPA 624 ASI bromodichloromethane <1.00	2-chloroethy	Ivinyl ether	<5.00	UG/L	09/23/10	EPA 624	ASI
bromodichloromethane <1.00 UG/L 09/23/10 EPA 624 ASI bromoform <1.00	benzene		<1.00	UG/L	09/23/10	EPA 624	ASI
bromoform <1.00 UG/L 09/23/10 EPA 624 ASI bromomethane <5.00	bromodichlo	romethane	<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	bromoform		<1.00	UG/L	09/23/10	EPA 624	ASI
carbon tetrachloride <1.00 UG/L 09/23/10 EPA 624 ASI chlorobenzene <1.00	bromometha	ine	<5.00	UG/L	09/23/10	EPA 624	ASI
chlorobenzene <1.00	carbon tetra	chloride	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroethane <5.00	chlorobenze	ne	<1.00	UG/L	09/23/10	EPA 624	ASI
chloroform <1.00	chloroethane	e	<5.00	UG/L	09/23/10	EPA 624	ASI
chloromethane <5.00	chloroform		<1.00	UG/L	09/23/10	EPA 624	ASI
cis-1,3-dichloropropene <1.00	chlorometha	ne	<5.00	UG/L	09/23/10	EPA 624	ASI
dibromochloromethane <1.00	cis-1,3-dichle	oropropene	<1.00	UG/L	09/23/10	EPA 624	ASI
ethylbenzene <1.00	dibromochlo	romethane	<1.00	UG/L	09/23/10	EPA 624	ASI
methylene chloride <1.00	ethylbenzen	e	<1.00	UG/L	09/23/10	EPA 624	ASI
mtbe <1.00	methylene c	hloride	<1.00	UG/L	09/23/10	EPA 624	ASI
tetrachloroethene <1.00	mtbe		<1.00	UG/L	09/23/10	EPA 624	ASI
toluene <1.00	tetrachloroet	hene	<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,2-dichloroethene <1.00	toluene		<1.00	UG/L	09/23/10	EPA 624	ASI
trans-1,3-dichloropropene <1.00	trans-1,2-dic	hloroethene	<1.00	UG/L	09/23/10	EPA 624	ASI
trichloroethene <1.00 UG/L 09/23/10 EPA 624 ASI trichlorofluoromethane <1.00	trans-1,3-dic	hloropropene	<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	trichloroethe	ne	<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	trichlorofluor	omethane	<1.00	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	vinyl chloride	9	<2.00	UG/L	09/23/10	EPA 624	ASI
xylene, o <1.00 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: 0	9/16/10 @ 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	Ŋ					
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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Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157 RECEIVED: 09/17/20

246157 09/17/2010 @ 14:45

Site Address: DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED		PERFORMED BY
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	AOI
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	EFA 624	ASI

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Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 24 RECEIVED: 09

246157 09/17/2010 @ 14:45

PERFORMED

METHOD

Site Address: DEWITT LANDFILL

DATE/TIME

TEST PERFORMED		RESULTS	UNITS	PERFORMED	NUMBER	BY
SAMPLE #: 556604	CLIENT SAMPLE ID:	W-3-S			DATE/TIME SAMPLED: 0	9/16/10 @ 14
Volatile - 624 W/MT	BE					
trans-1,3-dich	loropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethen	e	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluora	methane	<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
xvlene, o		<1.00	UG/L	09/24/10	EPA 624	ASI
Surrogate recovery.	e (fluorobenzene): 98 % reco Surrogate recovery accepto	overy,(toluene-d8 ance limits are 85): 100 % recover -115%	y,(bromofluorobenzene): 96 %	6 recovery,(1,2-dichlorobenzene-	-d4): 91 %
SAMPLE #: 556605	CLIENT SAMPLE ID:	W-4-S			DATE/TIME SAMPLED: 0	9/16/10 @ 1
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	CR
arsenic		<5.0	UG/L	09/27/10	EPA 6020	CR
beryllium		<5.0	UG/L	09/27/10	EPA 6020	CR
cadmium		<5.0	UG/L	09/27/10	EPA 6020	CR
chromium		10	UG/L	09/27/10	EPA 6020	CR
соррег		<10	UG/L	09/27/10	EPA 6020	CR
lead		<5.0	UG/L	09/27/10	EPA 6020	CR
nickel		21	UG/L	09/28/10	EPA 6020	CR
selenium		<5.0	UG/L	09/27/10	EPA 6020	CR
silver		<5.0	UG/L	09/27/10	EPA 6020	CR
thallium		<5.0		09/27/10	EPA 6020	CR
zinc		-0.0		09/27/10	EPA 6020	CR
Metals Digest	lion	10	00/2	09/23/10	EPA 3005A	RIC
SAMPLE #: 556606	CLIENT SAMPLE ID:	W-4-S			DATE/TIME SAMPLED: 0	9/16/10 @ 1
Volatile - 624 W/MT	BE					
1,1,1-trichlord	bethane	<1.00	UG/L	09/24/10	EPA 624	AS
1,1,2,2-tetrac	hloroethane	<1.00	UG/L	09/24/10	EPA 624	AS
1,1,2-trichlord	bethane	<1.00	UG/L	09/24/10	EPA 624	AS
1,1-dichloroet	hane	<1.00	UG/L	09/24/10	EPA 624	AS
1,1-dichloroet	thene	<1.00	UG/L	09/24/10	EPA 624	AS
1,2-dichlorobe	enzene	<1.00	UG/L	09/24/10	EPA 624	AS
1,2-dichloroet	hane	<1.00	UG/L	09/24/10	EPA 624	AS
1,2-dichlorop	орапе	<1.00	UG/L	09/24/10	EPA 624	AS
1,3-dichlorobe	enzene	<1.00	UG/L	09/24/10	EPA 624	AS
1,4-dichlorobe	enzene	<1.00	UG/L	09/24/10	EPA 624	ASI
-	vinvl ether	<5.00	UG/L	09/24/10	EPA 624	AS
2-chloroethvlv						

CAN Environmental

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

Site Address: DEWITT LANDFILL

	TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
	SAMPLE #: 556607 CLIENT SAMPLE ID:	W-12-S			DATE/TIME SAMPLED:	09/16/10 @ 16:30
	Metals Digestion			09/23/10	EPA 3005A	RIC
ŀ	SAMPLE #: 556608 CLIENT SAMPLE ID:	W-12-S			DATE/TIME SAMPLED:	09/16/10 @ 16:30
	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
ŀ	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
1	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
I	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
1	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
	xvlene, 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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Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

Site Address: DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED		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	CR!
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	0 9/24 /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

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: RECEIVED:

246157 09/17/2010 @ 14:45

Site Address: DEWITT LANDFILL

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/MT	BE					
mtbe		<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroeth	еле	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene		<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dich	loroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dich	nloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroether	ie	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoro	omethane	<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
Surrogat	e (fluorobenzene): 96 % rec	overy,(toluene-d8): 97 % recovery	(bromofluorobenzene): 93 %	recovery,(1,2-dichlorobenze	ne-d4): 98 %

surrogate (fluorobenzene): 95 % recovery, (foluene-as): 97 % recovery, (fromo)tuorobenzene); 95 % recovery, (1,2-alchioroben recovery. Surrogate recovery acceptance limits are 85-115%

	SAMPLE #: 556611	CLIENT SAMPLE ID:	W-2-D			DATE/TIME SAMPLED: 09	/16/10 @ 16:13
	PP MERCURY (GW	Ŋ	<0.20	UG/L	09/23/10	EPA 7470A	CRI
	Mercury Prep	57470A			09/22/10	EPA 7470A	RIC
	PP Metals (GW,SHV	V)					
	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 Diges	tion			09/23/10	EPA 3005A	RIC
I							
	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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Sh Environmental

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DEWITT LANDFILL

)	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556612	CLIENT SAMPLE ID:	W2-D			DATE/TIME SAMPLED	: 09/16/10 @ 16:13
Volatile - 624 W/M	ГВЕ					
1,3-dichlorol	penzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorol	penzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethy	lvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene		<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichlo	romethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform		<1.00	UG/L	09/24/10	EPA 624	ASI
bromometha	ine	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetra	chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenze	ne	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane	e	<5.00	UG/L	09/24/10	EPA 624	ASI
chloroform		<1.00	UG/L	09/24/10	EPA 624	ASI
chlorometha	ne	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichl	oropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochlo	romethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzen	e	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene c	hloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe		<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroet	hene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene		<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dic	hloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dic	hloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethe	ne	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluor	omethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	9	<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
C	to Mussehausenaly 100 % -	courses (toluque d	PI. 07 0/ management	house from house 1, 020	angenery (12 dicklorehour	

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
Мегсигу Ргер	7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW	り					
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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Baldwinsville, NY 13027 ATTN: Jamie Pentland

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Site Address: DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556613 CLIENT SAMPLE ID:	W-2-S			DATE/TIME SAMPLED:	09/16/10 @ 16:08
PP Metals (GW,SHW)	~5.0		00/27/10	EDA 6020	CRI
seienium	< 5.0		09/27/10	EPA 0020	
SIIVER	< 5.0	UGIL	09/27/10	EPA 0020	CRI
tnallum	<5.0	UG/L	09/27/10	EPA 0020	
zinc Metals Digestion	230	UG/L	09/23/10	EPA 8020 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	AS!
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
xvlene, o	<1.00	UG/L	09/24/10	EPA 624	ASI

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

Site Address: DEWITT LANDFILL

TEST PERFORMED	1	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 556614	CLIENT SAMPLE ID:	- W-2-S			DATE/TIME SAMPLED:	09/16/10 @ 16:08
Volatile - 624 W/MT	BE					
Surroga recovery	te (fluorobenzene): 99 % rec v. Surrogate recovery accepti	overy, (toluene-d8 ance limits are 85): 96 % recover -115%	y,(bromofluorobenzene): 92 %	hrecovery,(1,2-dichlorobenzene	e-d4): 100 %
SAMPLE#: 556615	CLIENT SAMPLE ID:	W-5-D			DATE/TIME SAMPLED:	09/16/10 @ 13:42
PP MERCURY (GW	Ŋ	<0.20	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep	7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHV	V)					
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/I	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		09/27/10	EPA 6020	CRI
Metals Diges	tion	100	00,2	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/MT	BE					
1.1.1-trichlor	oethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1.1.2.2-tetrac	chloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1.1.2-trichlor	pethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1.1-dichloroe	thane	<1.00	UG/L	09/24/10	EPA 624	ASI
1.1-dichloroe	thene	<1.00	UG/I	09/24/10	EPA 624	ASI
1.2-dichlorob	enzene	<1.00	UG/L	09/24/10	EPA 674	ASI
1.2-dichloroe	thane	<1.00		09/24/10	EPA 624	ASI
1.2-dichloron		<1.00		09/24/10	EPA 674	ASI
1.3-dichlorob	enzene	<1.00		09/24/10	EPA 674	ASI
1,4-dichlorob	012010	<1.00		09/24/10	EPA 624	ASI
2-chloroethyl	vinul ether	<5.00		09/24/10	EDA 674	
2-chloroethy	vary enter	< 1.00		09/24/10	EPA 674	
benzene	omothene	<1.00		09/24/10	EFA 024	
bromotionion	onethane	< 1.00		09/24/10	EFA 024	AGI
bromotorm		<1.00		09/24/10	EFA 024	AOI
promomethal	ne Na dela	< 5.00		09/24/10	ERA 624	AOI
carbon tetrac	nonde	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzer	ie	<1.00	UG/L	09/24/10	EPA 624	ASI
chloroethane		<5.00	UG/L	09/24/10	EPA 624	ASI

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TEST PERFORMED)	RESULTS	UNITS			PERFORMED BY
SAMPLE #: 556616	CLIENT SAMPLE ID:	W-5-D			DATE/TIME SAMPLED	: 09/16/10 @ 13:42
Volatile - 624 W/M	ГВЕ					
chloroform		<1.00	UG/L	09/24/10	EPA 624	ASI
chlorometha	ne	<5.00	UG/L	09/24/10	EPA 624	AS
cis-1,3-dichle	oropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochlo	romethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzen	e	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene cl	hloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe		<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroet	hene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene		<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dic	hloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dic	hloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroethe	ne	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluor	omethane	<1.00	UG/L	09/24/10	EPA 624	ASI
vinyl chloride	9	<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
9		<i>i</i> . <i>i i</i>	100.04			10 107

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: 0	9/16/10 @ 15:16
	PP MERCURY (GW)	<0.20	UG/L	09/23/10	EPA 7470A	CRI
I	Mercury Prep	7470A			09/22/10	EPA 7470A	RIC
	PP Metals (GW,SHW	Ŋ					
	antimony		<25	UG/L	09/28/10	EPA 6020	CRI
	arsenic		<5.0	UG/L	09/27/10	EPA 6020	CRI
	beryilium		<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 Digest	lion			09/23/10	EPA 3005A	RIC
	SAMPLE #: 556618	CLIENT SAMPLE ID:	W-4-D			DATE/TIME SAMPLED: 0	9/16/10 @ 15:16
	1.1.1-trichloro	bethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	1.1.2.2-tetrac	hloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	, , , , , , , , , , , , , , , , , , , ,						

Baldwinsville, NY 13027 ATTN: Jamie Pentland

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

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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 SAMPLE	D: 09/16/10 @ 15:16
Volatile - 624 W/MT	BE		1.10.1			
1,1,2-trichlor	bethane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroe	thane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,1-dichloroe	thene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorob	enzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichloroe	thane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,2-dichlorop	ropane	<1.00	UG/L	09/24/10	EPA 624	ASI
1,3-dichlorob	enzene	<1.00	UG/L	09/24/10	EPA 624	ASI
1,4-dichlorob	enzene	<1.00	UG/L	09/24/10	EPA 624	ASI
2-chloroethyl	vinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
benzene		<1.00	UG/L	09/24/10	EPA 624	ASI
bromodichlor	omethane	<1.00	UG/L	09/24/10	EPA 624	ASI
bromoform		<1.00	UG/L	09/24/10	EPA 624	ASI
bromometha	ne	<5.00	UG/L	09/24/10	EPA 624	ASI
carbon tetrac	hloride	<1.00	UG/L	09/24/10	EPA 624	ASI
chlorobenzer	ne	<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
chloromethar	те	<5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,3-dichlo	propropene	<1.00	UG/L	09/24/10	EPA 624	ASI
dibromochlor	omethane	<1.00	UG/L	09/24/10	EPA 624	ASI
ethylbenzene	9	<1.00	UG/L	09/24/10	EPA 624	ASI
methylene ch	nloride	<1.00	UG/L	09/24/10	EPA 624	ASI
mtbe		<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroeth	hene	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene		<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dich	hloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dich	hloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroether	ne	31.9	UG/L	09/24/10	EPA 624	ASI
trichlorofluoro	omethane	<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
C	(Toron 1	and the large of the second se	1. 07 0/	- (han a far and have been all (17 P/	(1 7 4:11 - 1	

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	EID: W-7			DATE/TIME SAMPLED: (9/17/10 @ 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

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: 246157 RECEIVED: 09/17/20

09/17/2010 @ 14:45

Site Address: DEWITT LANDFILL

TEST PERFORMED	RESULTS	UNITS	PERFORMED	NUMBER	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	AS
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 674	ASI
foluene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1.2-dichloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

DATE/TIME SAMPLED: 09/17/10 @ 11:22

DATE/TIME SAMPLED: 09/17/10 @ 11:22

Site Address: DEWITT LANDFILL

TEST PERFORMED)	RESULTS	UNITS		PERFORMED	NUMBER	BY
SAMPLE #: 556620	SAMPLE #: 556620 CLIENT SAMPLE ID:		-			DATE/TIME SAMPLED: 09/17/10 @ 10:4	
Volatile - 624 W/MT	[BE						
trans-1,3-dic	hloropropene	<1.00	UG/L		09/24/10	EPA 624	ASI
trichloroethe	ne	<1.00	UG/L		09/24/10	EPA 624	ASI
trichlorofluor	omethane	<1.00	UG/L		09/24/10	EPA 624	ASI
vinyl chloride	9	<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>(</i> ,) (7)	1 102.04	0			10.101

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

CRI < 0.20 UG/L 09/30/10 EPA 7470A PP MERCURY (GW) EPA 7470A RIC Mercury Prep 7470A 09/29/10 PP Metals (GW,SHW) CRI UG/L 09/27/10 EPA 6020 <5.0 antimony CRI arsenic <5.0 UG/L 09/27/10 EPA 6020 CRI <5.0 UG/L 09/27/10 EPA 6020 beryllium CRI cadmium <5.0 UG/L 09/27/10 EPA 6020 chromium <25 UG/L 09/27/10 EPA 6020 CRI CRI 25 UG/L 09/28/10 EPA 6020 copper CRI lead 7.1 UG/L 09/27/10 EPA 6020 CRI nickel <25 UG/L 09/28/10 EPA 6020 CRI <5.0 UG/L 09/27/10 EPA 6020 selenium silver <5.0 UG/L 09/27/10 EPA 6020 CRI <5.0 UG/L CRI thallium 09/27/10 EPA 6020 CRI zinc 30 UG/L 09/27/10 EPA 6020 09/23/10 EPA 3005A RIC Metals Digestion

SAMPLE #: 556622 CLIENT SAMPLE ID: W-1-S

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	AS
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	AS
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

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

Site Address: DEWITT LANDFILL

	TEST PERFORMED	RESULTS	UNITS	PERFORMED	NUMBER	PERFORMED BY
	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
	Summerste (Record accord), 00 %	and the second of the second o	07.0/	. Change ofference have and 1 01 Pl	manuary (17 diables above	and die 00 %

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	9/16/10 @ 11:40
PP MERCURY (GW	Ŋ	0.24	UG/L	09/23/10	EPA 7470A	CRI
Mercury Prep	7470A			09/22/10	EPA 7470A	RIC
PP Metals (GW,SHW	V)					
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
nicke		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	E PA 6 020	CRI
zinc		350	UG/L	09/28/10	EPA 6020	CRI

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

Site Address: DEWITT LANDFILL

	TEST PERFORMED	I Contraction of the second	RESULTS	UNITS	DATE/TIME PERFORMED	METHOD NUMBER	PERFORMED BY
1	SAMPLE #: 556623	CLIENT SAMPLE ID:	W-1-D			DATE/TIME SAMPLED:	09/16/10 @ 11:40
	Metals Diges	stion			09/23/10	EPA 3005A	RIC
ŀ	SAMPLE #: 556624	CLIENT SAMPLE ID:	W-1-D			DATE/TIME SAMPLED:	09/16/10 @ 11:40
	Volatile - 624 W/M7	TBE					
	1,1,1-trichlor	oethane	<1.00	UG/L	09/24/10	EPA 624	ASI
I	1,1,2,2-tetrad	chloroethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,1,2-trichlor	oethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,1-dichloroe	ethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,1-dichloroe	ethene	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,2-dichlorob	enzene	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,2-dichloroe	ethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,2-dichlorop	propane	<1.00	UG/L	09/24/10	EPA 624	ASI
ł	1,3-dichlorob	enzene	<1.00	UG/L	09/24/10	EPA 624	ASI
	1,4-dichlorob	benzene	<1.00	UG/L	09/24/10	EPA 624	ASI
	2-chloroethy	lvinyl ether	<5.00	UG/L	09/24/10	EPA 624	ASI
	benzene		<1.00	UG/L	09/24/10	EPA 624	ASI
	bromodichio	romethane	<1.00	UG/L	09/24/10	EPA 624	ASI
	bromoform		<1.00	UG/L	09/24/10	EPA 624	ASI
	bromometha	ne	<5.00	UG/L	09/24/10	EPA 624	ASI
l	carbon tetrac	chloride	<1.00	UG/L	09/24/10	EPA 624	ASI
	chlorobenze	ne	<1.00	UG/L	09/24/10	EPA 624	ASI
	chloroethane	9	<5.00	UG/L	09/24/10	EPA 624	ASI
	chloroform		<1.00	UG/L	09/24/10	EPA 624	ASI
	chlorometha	ne	<5.00	UG/L	09/24/10	EPA 624	ASI
	cis-1,3-dichle	propropene	<1.00	UG/L	09/24/10	EPA 624	ASI
	dibromochlo	romethane	<1.00	UG/L	09/24/10	EPA 624	ASI
I	ethylbenzene	e	<1.00	UG/L	09/24/10	EPA 624	ASI
	methylene cl	nloride	<1.00	UG/L	09/24/10	EPA 624	ASI
	mtbe		<1.00	UG/L	09/24/10	EPA 624	ASI
1	tetrachloroet	hene	<1.00	UG/L	09/24/10	EPA 624	ASI
	toluene		<1.00	UG/L	09/24/10	EPA 624	ASI
	trans-1,2-dic	hloroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
	trans-1,3-dic	hloropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
I	trichloroethe	ne	<1.00	UG/L	09/24/10	EPA 624	ASI
	trichlorofiuor	omethane	<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
	viene o		<1.00	LIG/I	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

5 CLIENT SAMPLE ID: SS-1

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

Environmental
Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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Environmental

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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
j	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
1	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
ł	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
1	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
I	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	AS
	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 674	ASI

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PROJECT #: RECEIVED:

246157 09/17/2010 @ 14:45

DATE/TIME SAMPLED: 09/17/10 @ 12:54

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/MT	BE					
mtbe		<1.00	UG/L	09/24/10	EPA 624	ASI
tetrachloroeth	епе	<1.00	UG/L	09/24/10	EPA 624	ASI
toluene		<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,2-dich	loroethene	<1.00	UG/L	09/24/10	EPA 624	ASI
trans-1,3-dich	loropropene	<1.00	UG/L	09/24/10	EPA 624	ASI
trichloroether	ie	<1.00	UG/L	09/24/10	EPA 624	ASI
trichlorofluoro	omethane	<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
5						

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

SS-3 SAMPLE #: 556627 CLIENT SAMPLE ID:

1,2-dichlorobenzene

1,2-dichloroethane

1,2-dichloropropane

Environmental

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: ()9/17/10 @ 12:54
Volatile - 624 W/MTRE					
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-tuchlorgethane	<1.00	UG/I	09/24/10	EPA 624	ASI
1 1-dicbloroethane	<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
	~1.00	00/2	00121110		

<1.00

<1.00 UG/L

UG/L

09/24/10

09/24/10

EPA 624

EPA 624

ASI

ASI

Baldwinsville, NY 13027 ATTN: Jamie Pentland

Environmental

PO#: 10-727

PROJECT #: RECEIVED: 246157 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	AS!
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	CR!
cadmium		<5.0	UG/L	09/27/1 0	EPA 6020	CRI
chromium		<10	UG/L	09/27/ 10	EPA 6020	CRI
copper		130	UG/L	09/28/1 D	EPA 6020	CRI
lead		14	UG/L	09/27/10	EPA 6020	CRI
nickel		<10	UG/L	09/28/10	EPA 6020	CRI

PROJECT #: RECEIVED:

Site Address:

DEWITT LANDFILL

246157 09/17/2010 @ 14:45

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

PERFORMED DATE/TIME METHOD TEST PERFORMED NUMBER RESULTS UNITS PERFORMED BΥ SAMPLE #: 556629 CLIENT SAMPLE ID: SS-2 - DATE/TIME SAMPLED: 09/17/10 @ 13:45 PP Metals (GW,SHW) <5.0 UG/L 09/27/10 CRI selenium EPA 6020 <5.0 UG/L CRI silver 09/27/10 EPA 6020 CRI thallium UG/L 09/27/10 EPA 6020 <5.0 290 UG/L 09/28/10 EPA 6020 CRI zinc Metals Digestion RIC 09/23/10 EPA 3005A SAMPLE #: 556630 CLIENT SAMPLE ID: SS-2 DATE/TIME SAMPLED: 09/17/10 @ 13:45 Volatile - 624 W/MTBE <1.00 UG/L ASI 09/24/10 EPA 624 1,1,1-trichloroethane UG/L ASI 1,1,2,2-tetrachloroethane <1.00 09/24/10 EPA 624 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 ASI 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 <1.00 UG/L ASI 1,3-dichlorobenzene 09/24/10 EPA 624 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 AS1 <1.00 UG/L ASI benzene 09/24/10 EPA 624 bromodichloromethane <1.00 UG/L ASI 09/24/10 EPA 624 UG/L 09/24/10 ASI bromoform <1.00 EPA 624 bromomethane < 5.00 UG/L 09/24/10 EPA 624 ASI carbon tetrachloride <1.00 UG/L 09/24/10 EPA 624 ASI UG/L ASI chlorobenzene <1.00 09/24/10 EPA 624 <5.00 UG/L ASI chloroethane 09/24/10 EPA 624 UG/L EPA 624 ASI chloroform <1.00 09/24/10 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 <1.00 UG/L dibromochloromethane 09/24/10 EPA 624 ethylbenzene <1.00 UG/L 09/24/10 EPA 624 ASI methylene chloride <1.00 UG/L 09/24/10 EPA 624 ASI <1.00 UG/L ASI mtbe 09/24/10 EPA 624 tetrachloroethene <1.00 UG/L 09/24/10 ASI EPA 624 UG/L ASI toluene <1.00 09/24/10 EPA 624 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 ASI EPA 624 ASI trichloroethene <1.00 UG/L 09/24/10 EPA 624 trichlorofluoromethane <1.00 UG/L 09/24/10 EPA 624 ASI ASI vinyl chloride <2.00 UG/L 09/24/10 EPA 624 UG/L ASI xylene, m+p <1.00 09/24/10 EPA 624 ASI <1.00 UG/L 09/24/10 EPA 624 xylene, o

Environmental

STRATEGIC ENVIRONMENTAL, LL 25 1/2 Water Street	С		PROJECT #: RECEIVED:	246157 09/17/2010 @	2 14:45
Baldwinsville, NY 13027 ATTN: Jamie Pentland			Site Address:	DEUI	y
PO#: 10-727			DEWHTLAN	DFILL	
-				METHOD	PERFORMED
TEST PERFORMED	RESULTS	UNITS	PERFORMED	NUMBER	BY
SAMPLE #: 556630 CLIENT SAMPLE ID: Volatile - 624 W/MTBE	SS-2	·· · ·		DATE/TIME SAMPLE	D: 09/17/10 @ 13:45
Surrogate (fluorobenzene): 101 % rec % recovery. Surrogate recovery accep	overy,(toluene-do ptance limits are	8): 98 % recovery 85-115%	,(bromofluorobenzene): 95 % re	covery,(1,2-dichloroben	zene-d4): 102
SAMPLE #: 556631 CLIENT SAMPLE ID:	TRIP BLANK		ſ	DATE/TIME SAMPLE	D: 09/15/10 @ :
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
chioromethane	< 5.00	UG/L	09/24/10	EPA 624	ASI
cis-1,2-dichloropenene	< 5.00		09/24/10	EPA 024	ASI
discreachiere actions	<1.00	UG/L	09/24/10	EFA 024	ASI
albromocniorometnane	<1.00		09/24/10	EFA 024	
ethylpenzene methylppe ebleride	<1.00		09/24/10	EFA 624	AS1
metho	<1.00		09/24/10	EFA 624	ASI
fetrachloroethene	<1.00		09/24/10	EFA 624	ASI
toluene	<1.00		09/24/10	EPA 674	ASI
trans-1 2-dichloroethene	<1.00		09/24/10	EPA 624	ASI
trans-1.3-dichloronronene	<1.00		09/24/10	EPA 624	ASI
trichloroethene	<1.00	UG/I	09/24/10	EPA 624	ASI
trichlorofluoromethane	<1.00	UG/I	09/24/10	EPA 624	ASI
vinvl chloride	<2.00	UG/I	09/24/10	EPA 624	ASI
viriyi omonuc	-2.00		00/24/40	EDA (04	4.61
vvlene m+n	<1 (1(1	UG/I	09/24/10	EPA 674	// 01

Surrogate (fluorobenzene): 102 % recovery, (toluene-d8): 98 % recovery, (bromofluorobenzene): 93 % recovery, (1, 2-dichlorobenzene-d²): 94 % recovery. Surrogate recovery acceptance limits are 85-115%

/ Environmental

Baldwinsville, NY 13027 ATTN: Jamie Pentland

PO#: 10-727

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

Site Address: DEWITT LANDFILL

METHOD

NUMBER

TEST PERFORMED

RESULTS UNITS

DATE/TIME PERFORMED

PERFORMED

ΒY

RESULIS	UNITS	FERFORMED	FERIORMED				
		Sample Receipt Temperature:	б	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. Report relates only to the samples as received by the laboratory and shall not be reproduced except in full, without written approval from Environmental Laboratory Services.

The Information contained in this report is confidential and intended for the addressee only. If the reader is not the intended recipient or agent responsible for delivering the report to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this report is strictly prohibited. If you have received this report in error, please notify sender by reply email or telephone, delete or destroy the report and/or any attachments.

	E	SE Pro SE Cor Proj	SE Project Number: 10-727 SE Contact Person: Jamic Perstand Project Location: Dewitt Land for 14						BaLov 25 Baldwinsv Telepho Facsimi	VINSVILLE OFFICE 2 Water Street ille, New York 13027 ne: (315) 635-8936 le: (315) 635-2380
Laborat Proj Page <u></u> of _	ory: ELS	s 	Facsimile Repor Mail Repor Mail Invoid	ts to: ts to: ce to:	58 58 56		Pollutand	Analyses		Notes/Comments
Laboratory Identification	Collection	Sample Location	Number of Containers	f. Comp or Grab	Preservatives	Sample Matrix	Prior Pr		pH	
556589 AN	5/10 16:05	rw-8-5	3	GRAB	HNO3 4°C	WATER	XX		12	
556591/592 AL	16:45	w-10-3					11		12	
59448	16:15	w-9-D								
595 590AB	15:31	$\omega_{-\alpha_{-}} \leq 1$							12	
597	15:20	w-9-4					T T		67	
599	V				1				12	
600 AR	16:10	(2-2 - D					++++	-+ -+ +	12	
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605 (006AFS)-	14 15:08	w-4-5								
605A19-1	6 16:30	w-12-5							Lot	
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. Samp	mple Custody	N	Sam	ple Custody SAMPLE CI	USTODY			ACCEPT AN	Sample Cust D RECEIVE, SA	
Name: Signature:	amie Pentr	and Name	Jamie	Ben	Ha Fime: Date:	14:4	Si Sid	Name: <u>)00</u> nature: L	SICG BU	17. Date: 911-
Sample TAT.	TANDAZO	Name	1	/	Time:		Labo	oratory:		Time:

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Page 32 / 33

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STRATEGIC EN	VIRONMENT	AL, L	LC						SAN		USTODY RE	CORD
SE	SE Project Number: 10-727 SE Contact Person: Jamie Rentrand Project Location: Dewith Landfill									BALD 25 Baldwins Telepho Facsimi	WINSVILLE OFFICE 1⁄2 Water Street ville, New York 13 one: (315) 635-89 ile: (315) 635-23	3027 36 80
Laboratory: <u>ELS</u>	Facsin	nile Reports Apil Reports	s to:	5E			1 - 1	Analys	es		Notes/Comm	ients
Page <u>2</u> of <u>2</u>	6°C	Mail Invoice	e to: <u>5</u>			ter (5	4					
Laboratory Identification Date Collection Time	Sample Location	Number of Containers	Comp or Grab	Preservatives	Sample Matrix	P. P. 410	204 632					
556613	w-z-s	3	GRAO	4°C	WATER	X	X			12		
615 610000-16 13:42 0	v-5-D					X	X			62		
617 61845-16 15:16 a	1-4-D					X	¥			12		
619	»-↓					\mathbf{X}	X			cə		
621 627,99-17 11:22 W	u- 1-5					X	X			22		
623 12400-16 11:40 11	1-11-15					\mathbf{x}	X			67		
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627 9-17 12:52 50	5-3					$\overset{\frown}{\swarrow}$	X			12		
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SAMPLE COLLECTION RELINQUISH SAMPLE CUSTOD					14:45	_		ACCEP	TANDR	ECEIVE S	AMPLE CUSTODY	TUC
Signature: James Pr	and r	-n-Tia	Date:	9-17-1	ප	Si	nature:	$\frac{pess}{2}$	- And	1/1 Date: C	1/17/10	
Sample TAT: STANDARD	Name:	<u>}</u>		Time:	^į		Labo	oratory			Time:	

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Appendix C Laboratory Analysis Results and Custody Documentation – Air Vents

1

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

BORATORIES

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 & Unangst

Mary G. Unangst Laboratory Director

Enclosure(s)



LABORATORY ANALYSIS REPORT

6601 Kirkville Road East Syracuse, NY 13057 (315) 432-5227		Client Site Project No.	: Strategic Environmental : DeWitt Landfill : 10-727	LLC
FAX: (315) 437-0571 www.galsonlabs.com		Date Sampled Date Received Date Analyzed Report ID	: 27-SEP-10 : 27-SEP-10 : 27-SEP-10 - 02-OCT-10 : 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
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 attac Analytical Method Collection Media	hed lab : mod.OS : Mini C	footnote report HA PV2120/EPA T an	for any applicable footn 015 Submitted by: k Approved by : r Date : 04-0CT-10 0C by : T	aw jw NYS DOH # : 11626
< -Less Than	MG	-Milligrams	M3 -Cubic Meters	
> -Greater Than	UG	-Micrograms	L -Liters	
NA -Not Applicable	ND	-Not Detected	ppbv-Parts per Bil	lion Volume
NG Net Constitied	KG	Vilogramo	IOO Isual of susa	titation



LABORATORY ANALYSIS REPORT

	Date Sampled Date Received Date Analyzed Report ID	: 27-SEP-10 : 27-SEP-10 : 27-SEP-10 - 02-OCT-10 : 665303	Account No.: 13137 Login No. : L224568 Units : ppbv
LOQ ppbv	L224568-1 V-3	L224568-2 V-12	L224568-3 V-11
5.0	<5.0	6400	9700
5.0	<5.0	<50	<50
5.0	<5.0	< 50	<50
5.0	<5.0	<50	<50
5.0	<5.0	< 50	<50
5.0	<5.0	< 50	<50
5.0	<5.0	2000	980
5.0	<5.0	<50	< 50
5.0	<5.0	570	480
20	<20	<200	<200
5.0	<5.0	2200	3100
5.0	<5.0	4200	4900
5.0	<5.0	<50	<50
5.0	<5.0	< 50	<50
5.0	<5.0	<50	<50
5.0	<5.0	< 50	<50
5.0	<5.0	<50	<50
5.0	<5.0	<50	<50
5.0	<5.0	310	300
5.0	<5.0	<50	<50
20	<20	<200	<200
20	<20	<200	<200
5.0	<5.0	< 50	<50
ed lab mod.O: Mini (footnote report 	ofor any applicable foot O15 Submitted by: Approved by : Date : 04-OCT-10	notes. kaw rjw NYS DOH # : 11626
M	G -Milligrams	QC by : M3 -Cubic Meters	Tony D'Amico
	-Not Detected	nnhu-Darts ner Di	llion Volume
IN I	-Not Detected	Pho-Fairs per Bi	ntitation
	LOQ ppbv 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	Report ID LOQ L224568-1 ppbv V-3 5.0 <5.0	Report ID : 665303 LOQ L224568-1 L224568-2 ppbv V-3 V-12 5.0 <5.0



LABORATORY ANALYSIS REPORT

5601 Kirkville Road East Syracuse, NY 13057 (315) 432-5227		Client Site Project No.	: Strategic Environment : DeWitt Landfill : 10-727	al LLC
FAX: (315) 437-0571 www.galsonlabs.com		Date Sampled Date Received Date Analyzed Report ID	: 27-SEP-10 : 27-SEP-10 : 27-SEP-10 - 02-OCT-10 : 665303	Account No.: 13137 Login No. : L224568 Units : ppbv
Galson ID:	LOQ	L224568-1	L224568-2	L224568-3
Client ID:	ppbv	V-3	V-12	V-11
Tetrachloroethvlene	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 Collection Media	: mod.OSHA PV2120/EPA TO15 : 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

5601 Kirkville Road East Syracuse, NY 13057	Client Site Project No.	: : :	Strategic Environmental DeWitt Landfill 10-727	LLC Account No.: 13137 Login No. : L224568 Units : ppbv		
FAX: (315) 437-0571 www.galsonlabs.com		Date Sampled Date Received Date Analyzed Report ID	: : :			
Galson ID: Client ID:	LOQ ppbv	L224568-4 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 Collection Media	: mod.OSHA PV2120/EPA TO15 : 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

	Client Name : Strategic Environment	al LLC
	Site : DeWitt Landfill	
	Project No. : 10-727	
6601 Kirkville Road		
East Syracuse, NY 13057	Date Sampled : 27-SEP-10	Account No.: 13137
(315) 432-5227	Date Received: 27-SEP-10	Login No. : L224568
FAX: (315) 437-0571	Date Analyzed: 27-SEP-10 - 02-OCT-10	
www.galsonlabs.com		

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 preceeding 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 lOX 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 estimates, as the very high 2

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 > -Greater Than NA -Not Applicable mg -Milligrams ug -Micrograms ND -Not Detected m3 -Cubic Meters l -Liters ppm -Parts per Million

kg -Kilograms NS -Not Specified

GALSO		Check if change of address	Report To	: Strateg	CERVISION	mental recet	Invoice To :	trategic	ENVITONN
6601 Kirkville Rd East Syracuse, NY 13057 Tel: (315) 432-5227 888-432-LABS (5227 Fax: (315) 437-0571 www.galsonlabs.com	New	Client ? 🗌 yes 🖉 no	Phone No. Fax No. Site Name	315-63	5-8934	Project :: 10 - 7 - 7	Phone No. : Phone No. : Fax No. : Sau		3
Need Results By:	(surcharge)	XI Samples subm	Electronieu		nanof ($\Box \text{ Samples submitted}$	- +	Redges M Program	
5 Business Days	0%	Client Account	No. :	eer diip Loan - 11	grand		ed using the FreeSampling	Bauges Frogram.	
U 4 Business Days	35%	Purchase Order	No. :						
3 Business Days	50%	Credit Card	No. :			Card Holder Name		F	xn ·
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Next Day by 6pm	100%	Email / Fax Resu	ults To :						
Next Day by Noon	150%	Email Address :				Fax No. :			
<u> </u>	200%								
Sample Identifi	cation	Date Sampled	Collection Medium	*Air Volume (Liters)	Passive Monitors (Min)	Analysi	s Requested	Method Reference	Specific DL Needed
1. egv-3 W	AZIT	9-27-10	Air	0,4		T.O. 15 -	LIST ONLY. (
2. QV-12 W	A031	9-27-10	1	1			•		
3. 21-11 6	4227	9-7-2-10	}	}					
		9-77-10		4		, i			
+. WWW CLOCKE	- 44030	1-27 10	· ·		· · ·	`			
<u>5. 6</u>		┝─────							
<u>5. 9</u>									
7. 8									
<u>. 1</u>									
<u>9. f</u>									
<u>10. 7</u>									
11.									
Yes No We	normally add	a laboratory blan	k for each anal	vte. We will cha	rae you for this	at our normal rate	f vou agree please che	ck "Yes" otherwise	check "No"
ist description of ind	ustry or proc	ess / interference	's present in sa	ampling area:			, jon 19.00 prodot olio		
Comments:									
Chain of Custody		Print Name			Signatur	e		Date/Time	
Relinquished by :	<u> </u>								
Received by LAB :	(1)6	repette		C			9/27/	10 133	6
184961 4	cans	Samples received	after 3pm will be	considered as n	ext day's business	. * sample coll	ection time X ^L LPM = Air V	/ol. Page	of