WHITE STREET LANDFILL

Greensboro, North Carolina

Phase III Appendix I Detection Monitoring
April 2006 Sampling
S&ME Project No. 1584-98-081

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1.0 EXECUTIVE SUMMARY

Twelve monitoring wells and three stream locations at the lined Subtitle D White Street Landfill were sampled on April 26 and 27, 2006. Ten wells (MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-25d) comprise the groundwater monitoring system for the lined Subtitle D solid waste disposal area of the landfill, also known as Phase III. Monitoring wells MW-15 and MW-16 serve as background wells for Phase III. The sampling was conducted according to North Carolina Solid Waste Management Guidelines. The collected samples were submitted to a North Carolina certified laboratory. The samples collected from the Phase III area wells were submitted for analysis using the federal Appendix I list of volatile organic and inorganic constituents for detection monitoring. Samples from surface water locations SW-1, SW-2, and SW-3 were analyzed for federal Appendix I Detection Monitoring constituents.

Analytical results from the 12 Phase III monitoring wells detected no Appendix I volatile organic and inorganic constituents at the site on the dates the samples were collected. Analytical results from the three surface water samples collected on or near the White Street facility did not detect any Appendix I volatile organic compounds on the date samples were collected. Zinc was the only inorganic constituent detected in any surface water sample during this sampling event.

2.0 INTRODUCTION

White Street Landfill Phase III is a Solid Waste Management Facility (SWMF) located at the north end of White Street in northeastern Greensboro. The City of Greensboro operates this lined Subtitle D landfill under Solid Waste Permit #41-12. **Figure 1** is a map showing the groundwater monitoring well locations. S&ME, Inc. (S&ME) was contracted by the City of Greensboro to conduct this bi-annual water quality monitoring event. Two upgradient and 10 downgradient monitoring wells are located along the perimeter of the Phase III disposal area. Three surface water samples were collected in accordance with the approved site Water Quality Monitoring Plan.

All Phase III monitoring well samples were analyzed for the full RCRA Subtitle D Appendix I parameters. The surface water samples were also analyzed for the Appendix I list of constituents. This report discusses the field procedures, summarizes the field measurements and analytical results, and presents the findings and conclusions for the April 2006 water quality monitoring event.

3.0 SCOPE OF WORK

S&ME completed the following tasks as part of this monitoring event:

- Sampled the 12 monitoring wells and three surface water locations at the White Street landfill SWMF.
- Obtained field values for pH, temperature, dissolved oxygen (DO), turbidity, oxidation-reduction potential (ORP), and conductivity at each sample location.
- Collected depth to water measurements during well purging to monitor drawdown.
- Had the samples analyzed for Appendix I constituents by a North Carolina certified laboratory using State approved methods.
- Determined groundwater flow rates and directions at the Phase III area monitoring well locations.
- Collected a sample of landfill leachate from the wet well, for laboratory analyses.
- Prepared and submitted reports to the City of Greensboro and the State of North Carolina.

4.0 METHODS EMPLOYED

4.1 Monitoring Well Sampling

Groundwater monitoring well sampling took place on April 27, 2006. The monitoring well locations are shown on **Figure 1**. A representative from S&ME opened each well and measured the static water level from the top edge of the PVC casing. Since dedicated MicroPurge pumps were previously installed, monitoring well construction details reported in the "Baseline Groundwater Monitoring Report, Phase III" prepared by G.N. Richardson and Associates, dated

May 1998, were used to determine the volume of water in the monitoring wells. The well construction data are summarized in **Table 1**.

In accordance with the Facility's approved Water Quality Monitoring Plan, each well was purged using the dedicated Micro Purge pumps using compressed air. At each well, the purge rate and the drawdown of the water table were monitored as an indicator of how much stress the purging placed on the aquifer. The purge rates were calculated by recording the time required to fill a graduated cylinder. The purging flow rate was approximately 100 milliliters/minute (ml/min.). During purging, the depth to water was periodically monitored and recorded on the groundwater sampling field data sheets. The field data sheets are included in **Appendix A**. For the Phase III sampling event, the measured drawdown in the sampled wells is generally less than 3 feet with the exception monitoring well MW-15. The recorded turbidity data for monitoring well MW-15 does not suggest that the drawdown overly agitated the sample water.

It is S&ME's opinion that the observed drawdowns were generally minor during purging; therefore, the stresses placed on the aquifer should have been minor. The observed drawdown data also suggests that the purging rates should have been low enough such that recharge water should not have been overly agitated, reducing the potential for colloids to be drawn into the well bore.

The purge water from each of these wells was monitored for pH, temperature, DO, turbidity, ORP, and conductivity. A sample was collected when the changes in those readings fluctuated no more than 10 percent.

The 10% target stabilization for turbidity was not attained at monitoring wells MW-21. When groundwater samples were collected from monitoring wells MW-21, the turbidity fluctuation (i.e. when comparing the last two turbidity readings) was 11%. Based on professional judgment, samples were collected at MW-21 based on the stabilization of the other indicator parameters. The field data collected during sampling was recorded on the groundwater sampling field data sheets, which are included in **Appendix A. Table 2** summarizes the results of the field data.

Groundwater samples were collected from the dedicated Teflon tubing at each of the pumped wells. Immediately upon collection, each sample was placed into laboratory supplied containers,

packed on ice, and placed under chain-of-custody. The sampling technician wore latex gloves, which were changed between wells to reduce the possibility of cross contamination. All samples collected from Phase III monitoring wells were analyzed for Appendix I volatile organic and inorganic constituents. Analyses were conducted by Environmental Conservation Laboratories, a North Carolina certified laboratory.

4.2 Statistical Analysis of Data

Statistical analysis of the data for the April 2006 monitoring event was not performed since no Appendix I volatile organic and inorganic constituents were detected in groundwater samples.

4.3 Stream Sampling

Surface water sampling took place on April 26, 2006. Three stream samples (SW-1, SW-2, and SW-3) were collected in accordance with the approved site Water Quality Monitoring Plan. The stream sample locations are indicated on **Figure 2.** The surface water samples were collected by immersing laboratory-supplied containers in the water to be sampled. After collection, the surface water samples were packed on ice and placed under chain-of-custody. All stream samples were analyzed for Appendix I inorganic and volatile organic constituents by Environmental Conservation Laboratories; a North Carolina certified laboratory.

5.0 RESULTS

5.1 Groundwater Analytical Results

The results of the laboratory analyses for Appendix I constituents in the Phase III area groundwater monitoring wells are summarized in **Tables 3** and **4,** with the complete laboratory reports included in **Appendix B.**

The groundwater sample analyses detected no Appendix I volatile organic or inorganic compounds at any of the monitoring wells locations sampled during this monitoring event.

5.2 Statistical Results

Statistical analysis of the data for the April 2006 monitoring event was not performed since no Appendix I volatile organic and inorganic constituents were detected in any groundwater sample.

5.3 Hydraulic Conductivity

In-situ hydraulic conductivity tests were performed by G.N. Richardson and Associates, Inc. (GNRA) on wells MW-16, MW-17, MW-18, MW-20, MW-21, MW-23, MW-25, during January 1998. The in-situ hydraulic conductivity tests were performed by GNRA on monitoring wells MW-15, MW-19, MW-22, MW-24, and MW-25d during March 1998. The data from these tests yielded hydraulic conductivity values ranging from 0.090 feet/day (in MW-24) to 3.269 feet/day (in MW-18). A complete discussion of the test methods and calculations was presented in the "Baseline Groundwater Monitoring Report, Phase III" prepared by G.N. Richardson and Associates, dated May 1998. These data are summarized on **Table 5** and were used to calculate groundwater flow velocities across the site.

5.4 Groundwater Flow Direction and Rate

The static water levels in the Phase III monitoring wells were measured on April 27, 2006. The depth to the water table ranged from 2.66 feet to 23.87 feet below the top of well casing on these dates. Groundwater and well casing elevation data are presented in **Table 1** and summarized on **Figure 1.** A groundwater contour map was constructed using the data collected on April 27, 2006 and is presented as **Figure 1.** Based on our field data, groundwater appears to be flowing north-northwest beneath the west half of Phase III and generally to the north-northeast in the eastern half of Phase III. The groundwater gradient at each well was calculated assuming a constant groundwater gradient along the flow line between adjacent groundwater elevation contours or between the well and the nearest contour.

Based on a variation of Darcy's Law, the rate of groundwater movement within the regolith aquifer was calculated at each monitoring well using the following equation:

$$V = \frac{Ki}{n}$$

Where V = velocity (ft/day)

K = hydraulic conductivity (ft/ft)

i = groundwater gradient (ft/ft)

n =effective porosity (dimensionless)

Calculated hydraulic conductivity and gradient values and estimated effective porosity values for each well were used in the velocity calculations. The 20 percent effective porosity value is based on porosity and specific yield versus grain size distribution relationships presented in Fetter (1988), and is typical of the types of soils (predominantly silts and sandy silts with some clays) comprising the regolith at the landfill. The calculated groundwater velocities ranged from 0.011 ft/day to 0.344 ft/day and are summarized in **Table 5.**

5.5 Surface Water

The results of the laboratory analyses for Appendix I constituents in the surface water samples are summarized in **Tables 6 and 7.** The complete laboratory reports are included in **Appendix B.**

No Appendix I volatile organic constituents were detected in the surface water samples. Zinc was reported at a concentration of 51.6 µg/L in surface water sample SW-3. This concentration exceeds the North Carolina 15A NCAC 2B Standard of 50 µg/L for zinc.

It is important to note that SW-3 is upgradient of the White Street Landfill Facility and is therefore unlikely to be influenced by runoff and/or impacted groundwater from the Facility. SW-3 is however downgradient of the City of Greensboro's North Buffalo Treatment Plant. Therefore the zinc reported in the surface water sample collected from SW-3 could be from the treatment plant, or another upstream source.

5.6 Leachate Sample Analytical Results

On April 27, 2006, a sample of leachate was collected from the wet well in Phase III. The collected sample was submitted for laboratory analyses for Appendix I Volatile Organic Compounds, Appendix I Metals, Nitrate, Sulfur, Sulfate, Phosphate, Biological Oxygen Demand, and Chemical Oxygen Demand. **Table 8** provides a summary of the associated analytical results. The leachate analytical data is being collected to establish a database of common leachate

constituents. The leachate analyses data from this event will be compared with subsequent events.

5.7 Quality Assurance

A duplicate sample was collected from monitoring well MW-17 and submitted for analysis as "Duplicate III". This sample was analyzed for Appendix I inorganics and volatile organics. There were no volatile organic constituents or inorganic constituents detected in either MW-17 or "Duplicate III", suggesting a good correlation between the sample analytical results. Trip blank samples accompanied the sample bottles from the time they left the laboratory until they returned. These samples were analyzed for Appendix I volatile organic constituents. No volatile organic constituents were present in the trip blank samples at detectable levels. Laboratory QC samples were analyzed for all constituents included in this sampling event. The results of the duplicate, trip blank, and laboratory QC sample analyses are included in **Appendix B**.

6.0 REFERENCES

Fetter, C. W., 1988, Applied Hydrogeology, New York; Macmillan Publishing Company, 1988, 592 pp.

North Carolina Administrative Code, Title 15A, Department of Environment, Health and Natural Resources, Division of Environmental Management, Subchapter 2L, Classifications and Water Quality Standards Applicable to the Groundwaters of North Carolina, Sections .0100, .0200, and .0300 (November 8, 1993); from the Environmental Management Commission Raleigh, North Carolina.

North Carolina Administrative Code, Title 15A, Department of Environment, Health and Natural Resources, Division of Environmental Management, Subchapter 2B, Classifications and Water Quality Standards Applicable to the Surface Waters of North Carolina, Section .0200 (April 1, 1991); from the Environmental Management Commission, Raleigh, North Carolina.

North Carolina Administrative Code, Title 15A, Department of Environment, Health and Natural Resources, Division of Solid Waste Management, subchapter 13B, Solid Waste Management, Section .1600 (January 1, 1997).

TABLES

Table 1

Groundwater Elevation Data Summary (04/06)
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Well No.	Elevation TOC (feet)	Depth of Well (feet)	Static Water Levels			
			October 11, 2005		April 27, 2006	
			DTGW (feet)	Elevation (feet)	DTGW (feet)	Elevation (feet)
MW-15	794.81	60.0	24.03	770.78	23.87	770.94
MW-16	758.02	28.5	22.28	735.74	21.40	736.62
MW-17	755.05	31.5	13.74	741.31	11.23	743.82
MW-18	742.70	17.5	10.56	732.14	8.38	734.32
MW-19	740.70	35.0	17.39	723.31	16.67	724.03
MW-20	748.87	25.0	16.25	732.62	15.29	733.58
MW-21	743.32	18.5	8.74	734.58	6.09	737.23
MW-22	744.43	30.0	11.52	732.91	10.23	734.2
MW-23	744.25	33.5	13.47	730.78	13.41	730.84
MW-24	752.52	12.0	4.09	748.43	2.66	749.86
MW-25	746.47	17.0	13.33	733.14	13.82	732.65
MW-25b	746.19	32.0	12.03	734.16	12.68	733.51

TOC = Top of Casing. Elevations determined by survey: HDR Engineering, Inc.
Depth of well data as reported by HDR Engineering Inc. and G.N. Richardson & Associates
DTGW = Depth to Groundwater
Elevation = calculated groundwater elevation

Table 2
Groundwater & Surface Water Field Data Summary (04/06)
Phase III - White Street Landfill
White Street Landfill
S&ME Project No. 1584-98-081

Location:	MW-15								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1435	27-Apr-06	14.4	57.9	7.04	0.465	-155	0.82	5.18	23.87
1446	27-Apr-06	14.4	57.9	7.07	0.465	-160	0.70	4.41	
1445	27-Apr-06	14.3	57.7	7.08	0.467	-169	0.30	3.04	
1456	27-Apr-06	14.4	58.0	7.11	0.467	-172	0.24	2.73	
1455	27-Apr-06	14.5	58.0	7.12	0.469	-169	0.31	2.39	
1500	27-Apr-06	14.4	58.0	7.13	0.469	-169	0.29	2.26	

Location:	MW-16								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1520	27-Apr-06	15.0	59.0	6.22	0.418	-81	3.87	29.6	21.40
1525	27-Apr-06	14.7	58.4	6.01	0.419	-90	0.90	21.6	
1530	27-Apr-06	14.7	58.4	5.98	0.424	-86	0.90	13.54	
1535	27-Apr-06	14.7	58.4	5.97	0.432	-86	1.09	8.95	
1540	27-Apr-06	14.7	58.4	5.97	0.435	-89	0.95	7.39	
1545	27-Apr-06	14.7	58.5	5.95	0.420	-90	0.87	6.62	
1550	27-Apr-06	14.8	58.7	5.93	0.412	-90	0.84	7.02	

Location:	MW-17								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1610	27-Apr-06	15.5	59.8	5.96	0.197	47	3.00	6.83	11.23
1615	27-Apr-06	15.9	60.6	5.98	0.194	94	2.36	4.11	
1620	27-Apr-06	15.8	60.5	5.98	0.193	112	2.26	4.03	
1625	27-Apr-06	15.8	60.4	5.97	0.192	127	2.11	3.93	
1630	27-Apr-06	15.8	60.4	5.97	0.196	130	1.97	4.06	
1635	27-Apr-06	15.7	60.3	5.89	0.192	135	1.94	4.14	
Location:	MW-18								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1650	27-Apr-06	13.9	57.1	5.97	0.149	130	4.37	883	8.38
1655	27-Apr-06	13.8	56.8	5.84	0.138	127	2.89	792	
1700	27-Apr-06	13.9	57.0	5.83	0.135	143	1.78	405	
1705	27-Apr-06	13.3	56.0	5.80	0.134	157	1.03	414	
1710	27-Apr-06	13.3	56.0	5.82	0.134	161	0.97	265	
1715	27-Apr-06	13.7	56.6	5.85	0.135	155	1.23	310	
1720	27-Apr-06	13.6	56.6	5.89	0.128	152	1.40	340	
1725	27-Apr-06	13.6	56.5	5.89	0.119	155	1.49	412	
1730	27-Apr-06	13.6	56.5	5.87	0.122	155	1.47	400	

Location:	MW-19								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1750	27-Apr-06	16.5	61.8	6.12	0.181	158	4.20	203	16.67
1755	27-Apr-06	16.4	61.5	6.04	0.177	175	2.95	43.6	
1800	27-Apr-06	16.2	61.2	6.03	0.176	183	2.50	19.6	
1305	27-Apr-06	16.1	60.9	6.03	0.175	187	2.25	17.84	
1810	27-Apr-06	16.0	60.7	6.03	0.175	189	2.13	16.65	

Location:	MW-20								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1830	27-Apr-06	15.5	59.9	6.47	0.484	150	4.93	27.1	15.29
1835	27-Apr-06	14.5	58.2	6.34	0.569	143	1.63	8.17	
1840	27-Apr-06	14.2	57.6	6.32	0.566	142	1.11	3.67	
1845	27-Apr-06	14.1	57.4	6.30	0.551	144	0.70	1.55	
1850	27-Apr-06	14.1	57.3	6.29	0.546	145	0.56	1.17	
1855	27-Apr-06	14.1	57.3	6.28	0.540	146	0.50	1.19	

Table 2
Groundwater & Surface Water Field Data Summary (04/06)
Phase III - White Street Landfill
White Street Landfill
S&ME Project No. 1584-98-081

Location:	MW-21								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1910	27-Apr-06	14.3	57.8	5.87	0.148	178	2.25	3.91	6.09
1915	27-Apr-06	14.2	57.6	5.83	0.139	193	2.18	2.60	
1920	27-Apr-06	14.1	57.4	5.81	0.139	200	1.51	2.37	
1925	27-Apr-06	13.8	56.8	5.77	0.140	209	1.03	2.18	
1930	27-Apr-06	13.7	56.6	5.77	0.140	211	1.01	1.91	
1935	27-Apr-06	13.6	56.4	5.76	0.140	212	0.98	2.15	

Location:	MW-22								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1950	27-Apr-06	13.4	56.1	6.57	0.301	104	3.50	8.1	10.23
1955	27-Apr-06	13.1	55.7	6.65	0.348	-57	1.23	27.2	
2000	27-Apr-06	13.0	55.4	6.65	0.340	-53	1.12	64.4	
2005	27-Apr-06	12.9	55.2	6.65	0.341	-54	0.83	110	
2010	27-Apr-06	12.7	54.9	6.63	0.339	-60	0.73	87	
2015	27-Apr-06	12.6	54.7	6.62	0.335	-64	0.63	68	
2020	27-Apr-06	12.5	54.5	6.61	0.334	-70	0.57	53	
2025	27-Apr-06	12.4	54.3	6.60	0.330	-75	0.61	41	
2030	27-Apr-06	12.3	54.1	6.60	0.334	-76	0.67	34	
2035	27-Apr-06	12.3	54.1	6.60	0.332	-75	0.72	33	
Location:	MW-23								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1255	27-Apr-06	13.3	56.0	7.00	0.567	18	3.83	3.6	13.41
1300	27-Apr-06	13.5	56.2	7.10	0.598	-111	1.83	3.51	
1305	27-Apr-06	13.6	56.5	7.21	0.583	-124	1.32	2.87	
1310	27-Apr-06	13.6	56.6	7.29	0.573	-127	0.81	2	
1315	27-Apr-06	13.8	56.8	7.31	0.569	-129	0.61	1.94	
1320	27-Apr-06	13.8	56.8	7.34	0.567	-130	0.58	2.05	

Location:	MW-24								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
1340	27-Apr-06	12.7	54.9	6.57	0.867	84	4.67	5.55	2.66
1345	27-Apr-06	12.6	54.8	6.48	0.885	97	2.21	15.1	
1350	27-Apr-06	12.7	54.8	6.46	0.888	109	1.34	14.3	
1355	27-Apr-06	12.8	55.0	6.47	0.885	120	1.40	10.98	
1400	27-Apr-06	12.7	54.8	6.49	0.883	127	1.52	7.71	
1405	27-Apr-06	12.7	54.9	6.51	0.883	129	1.81	6.99	
1410	27-Apr-06	12.7	54.9	6.54	0.883	129	1.91	6.26	

Location:	MW-25								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
0900	27-Apr-06	11.4	52.5	6.02	0.146	294	7.20	5.1	13.82
0905	27-Apr-06	11.4	52.6	5.99	0.147	274	7.08	4.98	

Location:	MW-25B								
Time	Date	Temp-C	Temp-F	pH	SpC-mS/cm	ORP-mV	DO-mg/L	Turbidity-NTU	Depth to Water-feet
0830	27-Apr-06	12.4	54.3	6.06	0.127	357	5.39	3.5	12.68
0875	27-Apr-06	12.7	54.8	6.06	0.125	339	4.73	3.0	
0840	27-Apr-06	12.7	54.9	6.05	0.125	330	4.46	3.2	
0845	27-Apr-06	12.8	55.1	6.04	0.125	327	4.28	2.9	

Table 3

Groundwater Analytical Results Summary (4/06)
Appendix I - Volatile Organic Compounds
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Compound	Sample Locations													PQL	NCAC 2L
	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-25D	DUP#3	(µg/l)	stds.
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	2.6
Vinyl Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	0.015
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ns
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	2800
Trichlorofluoromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	2100
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	7
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	700
Iodemethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ns
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	700
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	5
Acrylonitrile	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	ns
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	70
1.1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	700
Vinyl Acetate	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	ns
cis 1,2-dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	70
2-Butanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	170
Bromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ns
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.19
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	200
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	0.3
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	1
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.38
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	2.8
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.56
Dibromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ns

PQL = Methods Practical Quantitation Limits
ND = Compound not detected
NCAC 2L stds. = 15A North Carolina Administrative Code 2L .0200, Groundwater Quality Standards for Class GA groundwater
Quantities highlighted in yellow were detected above the PQL
Quantities highlighted in orange were detected above the 2L standards

Table 3

Groundwater Analytical Results Summary (4/06)
Appendix I - Volatile Organic Compounds
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Compound	Sample Locations													PQL	NCAC 2L
	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-25D	DUP#3		stds.
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.6
cis 1,3-dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	0.2
4-Methyl-2-Pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ns
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	1000
trans 1,3-dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	0.2
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ns
Tetrachloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.7
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	ns
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ns
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.0004
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	50
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ns
Ethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	29
m & p, Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	530
o-Xylenes	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	530
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	100
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	0.19
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ns
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	15	0.005
trans 1,4-Dichloro-2-Butene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	100	ns
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	75
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	620
1,2-Dibromo-3-Chloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	25	0.025

PQL = Methods Practical Quantitation Limits
BQL = Analytical results is less than the corresponding PQL
NCAC 2L stds. = 15A North Carolina Administrative Code 2L .0200, Groundwater Quality Standards for Class GA groundwater
Quantities highlighted in yellow were detected above the PQL
Quantities highlighted in orange were detected above the 2L standards

Table 4

Groundwater Analytical Results Summary (4/06)
Appendix I - Metals
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Compound	Sample Locations													PQL	NCAC 2L
	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-25D	DUP#3	(µg/l)	stds.
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	30	ns
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	5
Barium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	500	2000
Beryllium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2	ns
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	5
Chromium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	50
Cobalt	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ns
Copper	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	200	1000
Lead	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	15
Nickel	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	100
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	50
Silver	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	18
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10	ns
Vanadium	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	40	ns
Zinc	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	50	2100

all results reported in micrograms per liter (ug/L)

PQL = Methods Practical Quantitation Limits

ND = Compound was not detected

NCAC 2L stds. = 15A North Carolina Administrative Code 2L .0200, Groundwater Quality Standards for Class GA groundwater

Quantities highlighted in yellow were detected above the PQL

Quantities highlighted in orange were detected above the 2L standards

Table 5
Groundwater Velocity Data (4/06)
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Well No.	Hydraulic Conductivity (K = feet/day)	Porosity (n = %)	Gradient (I = feet/feet)	Groundwater Velocity (V= feet/day)
MW-15	0.265	0.20	0.024	0.031
MW-16	0.331	0.20	0.022	0.037
MW-17	0.160	0.20	0.019	0.015
MW-18	3.269	0.20	0.021	0.344
MW-19	0.716	0.20	0.023	0.082
MW-20	1.336	0.20	0.021	0.138
MW-21	0.681	0.20	0.020	0.067
MW-22	0.325	0.20	0.022	0.036
MW-23	0.173	0.20	0.027	0.024
MW-24	0.090	0.20	0.024	0.011
MW-25	2.088	0.20	0.018	0.191
MW-25d	0.827	0.20	NA	NA

Notes: Hydraulic Conductivity's from slug test data: G.N. Richardson & Associates
Porosity values from published literature, based on soil types
Velocity calculated using V = KI/n
NA = Not Applicable, deeper aquifer monitoring well

Table 6

Surface Water Analytical Results Summary (04/06)
Appendix I - Volatile Organic Compounds
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Compound	Sample Locations			PQL	15A NCAC 2B
	SW-1	SW-2	SW-3	(ug/L)	Standards*
Chloromethane	ND	ND	ND	10	ns
Vinyl Chloride	ND	ND	ND	10	ns
Bromomethane	ND	ND	ND	10	ns
Chloroethane	ND	ND	ND	10	ns
Trichlorofluoromethane	ND	ND	ND	5	ns
1,1-Dichloroethene	ND	ND	ND	5	ns
Acetone	ND	ND	ND	100	ns
Iodomethane	ND	ND	ND	10	ns
Carbon Disulfide	ND	ND	ND	100	ns
Methylene Chloride	ND	ND	ND	10	ns
Acrylonitrile	ND	ND	ND	200	ns
trans-1,2-Dichloroethene	ND	ND	ND	5	ns
1.1-Dichloroethane	ND	ND	ND	5	ns
Vinyl Acetate	ND	ND	ND	50	ns
cis 1,2-dichloroethene	ND	ND	ND	5	ns
2-Butanone	ND	ND	ND	100	ns
Bromochloromethane	ND	ND	ND	5	ns
Chloroform	ND	ND	ND	5	ns
1,1,1-Trichloroethane	ND	ND	ND	5	ns
Carbon Tetrachloride	ND	ND	ND	10	ns
Benzene	ND	ND	ND	5	ns
1,2-Dichloroethane	ND	ND	ND	5	ns
Trichloroethene	ND	ND	ND	5	ns
1,2-Dichloropropane	ND	ND	ND	5	ns
Dibromomethane	ND	ND	ND	10	ns

ug/L = all results reported in micrograms per liter
PQL = Methods Practical Quantitation Limits
BQL = Analytical results is less than the corresponding PQL
** = Title 15A NCAC 2B Standards for Class B, C surface water*
ns = Title 15A NCAC 2B provides no established standard for these constituents
Quantities highlighted in yellow were detected above the PQL
Quantities highlighted in orange were detected above the 2B standards

Table 6
Surface Water Analytical Results Summary (4/06)
Appendix I - Volatile Organic Compounds
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Compound	Sample Locations			PQL	15A NCAC 2B
	SW-1	SW-2	SW-3		Standards*
Bromodichloromethane	ND	ND	ND	5	ns
cis 1,3-dichloropropene	ND	ND	ND	10	ns
4-Methyl-2-Pentanone	ND	ND	ND	100	ns
Toluene	ND	ND	ND	5	11
trans 1,3-dichloropropene	ND	ND	ND	10	ns
1,1,2-Trichloroethane	ND	ND	ND	5	ns
Tetrachloroethene	ND	ND	ND	5	ns
2-Hexanone	ND	ND	ND	50	ns
Dibromochloromethane	ND	ND	ND	5	ns
1,2-Dibromoethane	ND	ND	ND	5	ns
Chlorobenzene	ND	ND	ND	5	ns
1,1,1,2-Tetrachloroethane	ND	ND	ND	5	ns
Ethylbenzene	ND	ND	ND	5	ns
m & p, Xylenes	ND	ND	ND	5	ns
o-Xylenes	ND	ND	ND	5	ns
Styrene	ND	ND	ND	10	ns
Bromoform	ND	ND	ND	5	ns
1,1,2,2-Tetrachloroethane	ND	ND	ND	5	ns
1,2,3-Trichloropropane	ND	ND	ND	15	ns
trans 1,4-Dichloro-2-Butene	ND	ND	ND	100	ns
1,4-Dichlorobenzene	ND	ND	ND	5	ns
1,2-Dichlorobenzene	ND	ND	ND	5	ns
1,2-Dibromo-3-Chloropropane	ND	ND	ND	25	ns

ug/L = all results reported in micrograms per liter
PQL = Methods Practical Quantitation Limits
ND = compound not detected in sample
** = Title 15A NCAC 2B Standards for Class B, C surface water*
ns = Title 15A NCAC 2B provides no established standard for these constituents
Quantities highlighted in yellow were detected above the PQL
Quantities highlighted in orange were detected above the 2B standards

Table 7
Surface Water Analytical Results Summary (04/06)
Appendix I - Metals
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Compound	Sample Locations			PQL	15A NCAC 2B
	SW-1	SW-2	SW-3	(µg/l)	Standards*
Antimony	ND	ND	ND	30	ns
Arsenic	ND	ND	ND	10	50
Barium	ND	ND	ND	500	ns
Beryllium	ND	ND	ND	2	6.5
Cadmium	ND	ND	ND	1	2
Chromium	ND	ND	ND	10	50
Cobalt	ND	ND	ND	10	ns
Copper	ND	ND	ND	200	ns
Lead	ND	ND	ND	10	25
Nickel	ND	ND	ND	50	88
Selenium	ND	ND	ND	20	5
Silver	ND	ND	ND	10	0.06
Thalium	ND	ND	ND	10	ns
Vanadium	ND	ND	ND	40	ns
Zinc	ND	ND	**51.6**	50	50

ug/L = all results reported in micrograms per liter
PQL = Methods Practical Quantitation Limits
ND = compound not detected in sample
** = Title 15A NCAC 2B Standards for Class B, C surface water*
ns = Title 15A NCAC 2B provides no established standard for these constituents
Quantities highlighted in yellow were detected above the PQL
Quantities highlighted in orange were detected above the 2B standards

Table 8

Leachate Sample Analytical Results Summary
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Appendix I Volatile Organic Compounds													
Parameter	"Leachate" September-00 (µg/L)	"Wet Well" March-01 (µg/L)	"Leachate" Septebmer-01 (µg/L)	"Leachate" March-02 (µg/L)	"Leachate" September-02 (µg/L)	"Leachate" April-03 (µg/L)	"Leachate" October-03 (µg/L)	"Leachate" March-04 (µg/L)	"Leachate" October-04 (µg/L)	"Leachate" May-05 (µg/L)	"Leachate" October-05 (µg/L)	"Leachate" April-06 (µg/L)	PQLs (µg/L)
Chloromethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Vinyl Chloride	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Bromomethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Chloroethane	BQL*	BQL*	BQL**	17	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Trichlorofluoromethane	BQL*	BQL*	BQL**	7.0	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,1-Dichloroethene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Acetone	BQL*	BQL*	1400	BQL	BQL***	490****	830****	BQL*	BQL*	BQL[5]*	BQL*	1780**	100
Iodemethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Carbon Disulfide	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	100
Methylene Chloride	97	120	BQL**	37	BQL***	BQL*	13	BQL*	BQL*	BQL*	BQL*	BQL**	10
Acrylonitrile	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	200
trans-1,2-Dichloroethene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,1-Dichloroethane	46	BQL*	BQL**	30	28	27*	5.2	BQL*	BQL*	BQL*	BQL*	BQL**	5
Vinyl Acetate	BQL*	BQL*	BQL**	BQL	BQL***	BQL**	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	50
cis 1,2-dichloroethene	BQL*	BQL*	BQL**	6.4	BQL***	BQL**	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
2-Butanone	BQL*	BQL*	2600	BQL	BQL***	1100****	1200****	BQL*	BQL*	BQL[5]*	BQL*	1650**	100
Bromochloromethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Chloroform	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,1,1-Trichloroethane	BQL*	BQL*	BQL**	8.2	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Carbon Tetrachloride	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Benzene	BQL*	BQL*	BQL**	10	BQL***	BQL*	8.1	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,2-Dichloroethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Trichloroethene	BQL*	BQL*	BQL**	7.5	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,2-Dichloropropane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Dibromomethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Bromodichloromethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
cis 1,3-dichloropropene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
4-Methyl-2-Pentanone	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	100
Toluene	350	220	390	190*	220***	220*	240****	400	BQL*	73	55	12.8**	5
trans 1,3-dichloropropene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
1,1,2-Trichloroethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Tetrachloroethene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
2-Hexanone	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	50
Dibromochloromethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,2-Dibromoethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Chlorobenzene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,1,1,2-Tetrachloroethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
Ethylbenzene	49	BQL*	BQL**	60	48***	56*	40	46	BQL*	31	BQL*	18.2**	5
m & p, Xylenes	120	65	110	140	95***	120*	87	110	38*	69	56	35**	5
o-Xylenes	34	BQL*	BQL**	46	32***	37*	29	32	BQL*	BQL*	BQL*	13.8**	5
Styrene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	10
Bromoform	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,1,2,2-Tetrachloroethane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,2,3-Trichloropropane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	15
trans 1,4-Dichloro-2-Butene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	100
1,4-Dichlorobenzene	BQL*	BQL*	BQL**	6.0	BQL***	BQL*	5.4	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,2-Dichlorobenzene	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	5
1,2-Dibromo-3-Chloropropane	BQL*	BQL*	BQL**	BQL	BQL***	BQL*	BQL	BQL*	BQL*	BQL*	BQL*	BQL**	25

PQL = Methods Practical Quantitation Limits
BQL = Analytical results is less than the corresponding PQL
BQL = Analyte Value Determined from a 1:5 dilution*
*BQL** = Analyte Value Determined from a 1:10 dilution*
*BQL*** = Analyte Value Determined from a 1:2 dilution*
*BQL**** = Analyte Value Determined from a 1:25 dilution*
BQL[5] = Analyte Value Determined from a 1:100 dilution

Parameters highlighted in yellow exceed the PQL.

Table 8

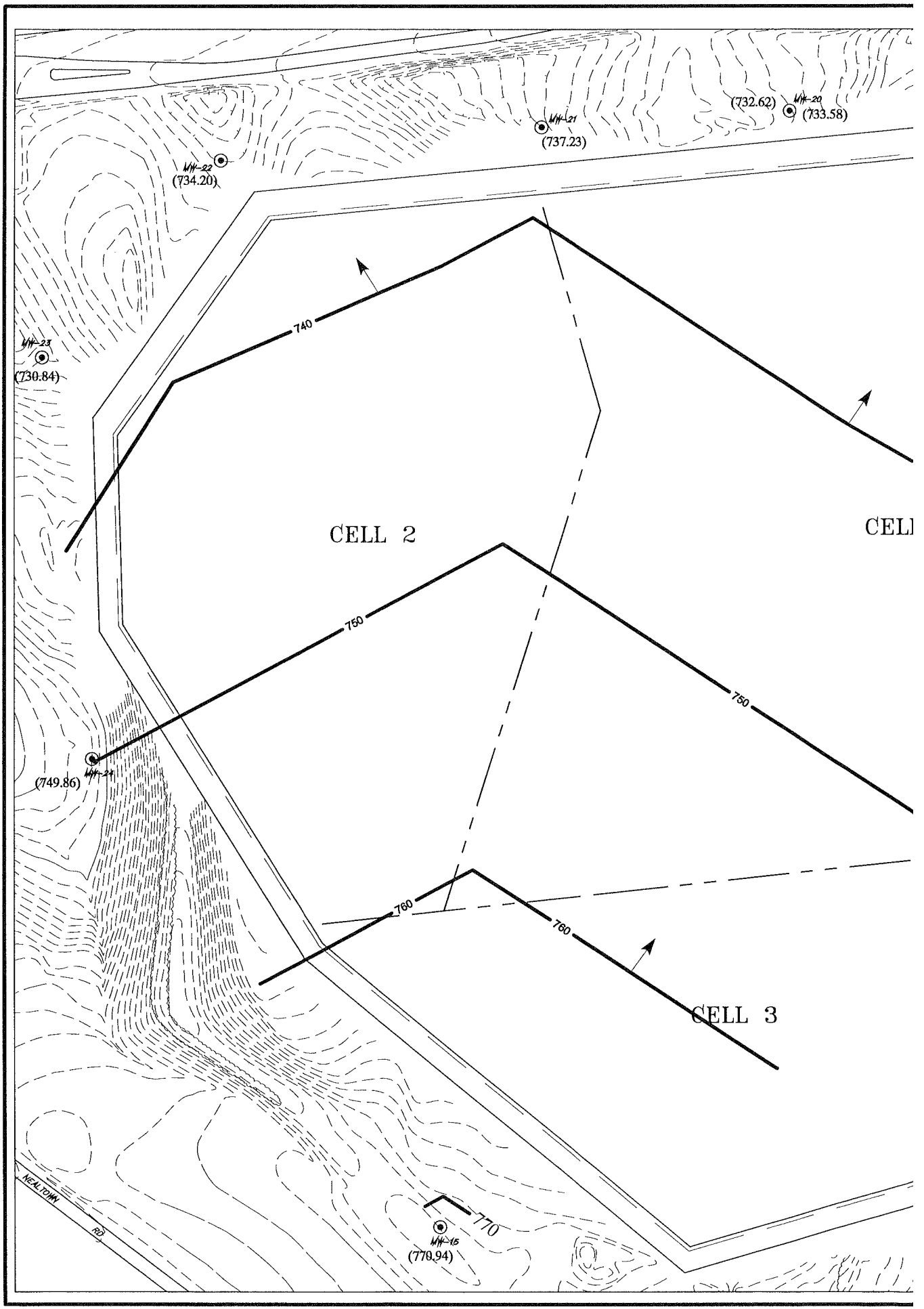
Leachate Sample Analytical Results Summary
Phase III - White Street Landfill
Greensboro, North Carolina
S&ME Project No. 1584-98-081

Appendix I Metals													
Compound	"Leachate" September-00 (ug/L)	"Wet Well" March-01 (ug/L)	"Leachate" September-01 (ug/L)	"Leachate" March-02 (ug/L)	"Leachate" September-02 (ug/L)	"Leachate" April-03 (ug/L)	"Leachate" October-03 (ug/L)	"Leachate" March-04 (µg/L)	"Leachate" October-04 (µg/L)	"Leachate" May-05 (µg/L)	"Leachate" October-05 (µg/L)	"Leachate" April-06 (µg/L)	PQLs (ug/L)
Antimony	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	30
Arsenic	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	23.4	10
Barium	580	BQL	550	580	740	590	BQL	BQL	570	BQL	BQL	678	500
Beryllium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2
Cadmium	5	21	9.7	13	16	1.6	2.2	2.3	BQL	BQL	BQL	BQL	1
Chromium	10	BQL	13	23	27	15	BQL	16	BQL	BQL	BQL	14.7	10
Cobalt	BQL	BQL	13	25	23	BQL	BQL	18	BQL	BQL	BQL	26.6	10
Copper	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	200
Lead	BQL	BQL	BQL	BQL	13	BQL	BQL	BQL	BQL	BQL	BQL	BQL	10
Nickel	BQL	BQL	BQL	110	99	75	BQL	BQL	61	300	BQL	1189	50
Selenium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	20
Silver	BQL	BQL	BQL	20	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	10
Thallium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	10
Vanadium	BQL	BQL	58	45	89	41	BQL	BQL	BQL	BQL	BQL	54	40
Zinc	120	BQL	50	80	290	100	BQL	BQL	BQL	250	BQL	97.2	50

Miscellaneous Parameters													
Compound	"Leachate" September-00 (mg/L)	"Wet Well" March-01 (mg/L)	"Leachate" September-01 (mg/L)	"Leachate" March-02 (mg/L)	"Leachate" September-02 (mg/L)	"Leachate" April-03 (mg/L)	"Leachate" October-03 (mg/L)	"Leachate" March-04 (mg/L)	"Leachate" October-04 (mg/L)	"Leachate" May-05 (µg/L)	"Leachate" October-05 (µg/L)	"Leachate" April-06 (µg/L)	PQLs (mg/L)
Nitrate	<0.05	<0.02	<0.02	400	<0.10	<0.50	<0.10	<0.20	<0.10	<0.5	<0.1	2	0.02
Nitrite	<0.01	<0.02	50	BQL	<0.10	no data	no data	ND	<0.10	no data	no data	2	0.01
Sulfate	<5.00	<5	2 J	BQL	ND	11	2.9	4.2	2.3	11.3	2.2	5	5
Phosphorous	5.43	260	1	330	0.83	2.5	0.28	0.78	0.93	4.3	1.2	3	20
pH	ND	6.4 S.U.	6.5 S.U.	6.6	6.4	7Q	6.9Q	6.5Q	6.6Q	7.2Q	6.9Q	7.09	NA
Biological Oxygen Demand (BOD)	22.6	300	83	44	19	59J	330	56	34	119J	27.7	200	NA
Chemical Oxygen Demand (COD)	166	580	330	200	210	690	390	220	240	1,810	425	1340	NA

J = Analyte detected; value is between the Method Detection Limit (MDL) and PQL
PQL = Methods Practical Quantitation Limits
BQL = Analytical results is less than the corresponding PQL

Parameters highlighted in yellow exceed the PQL.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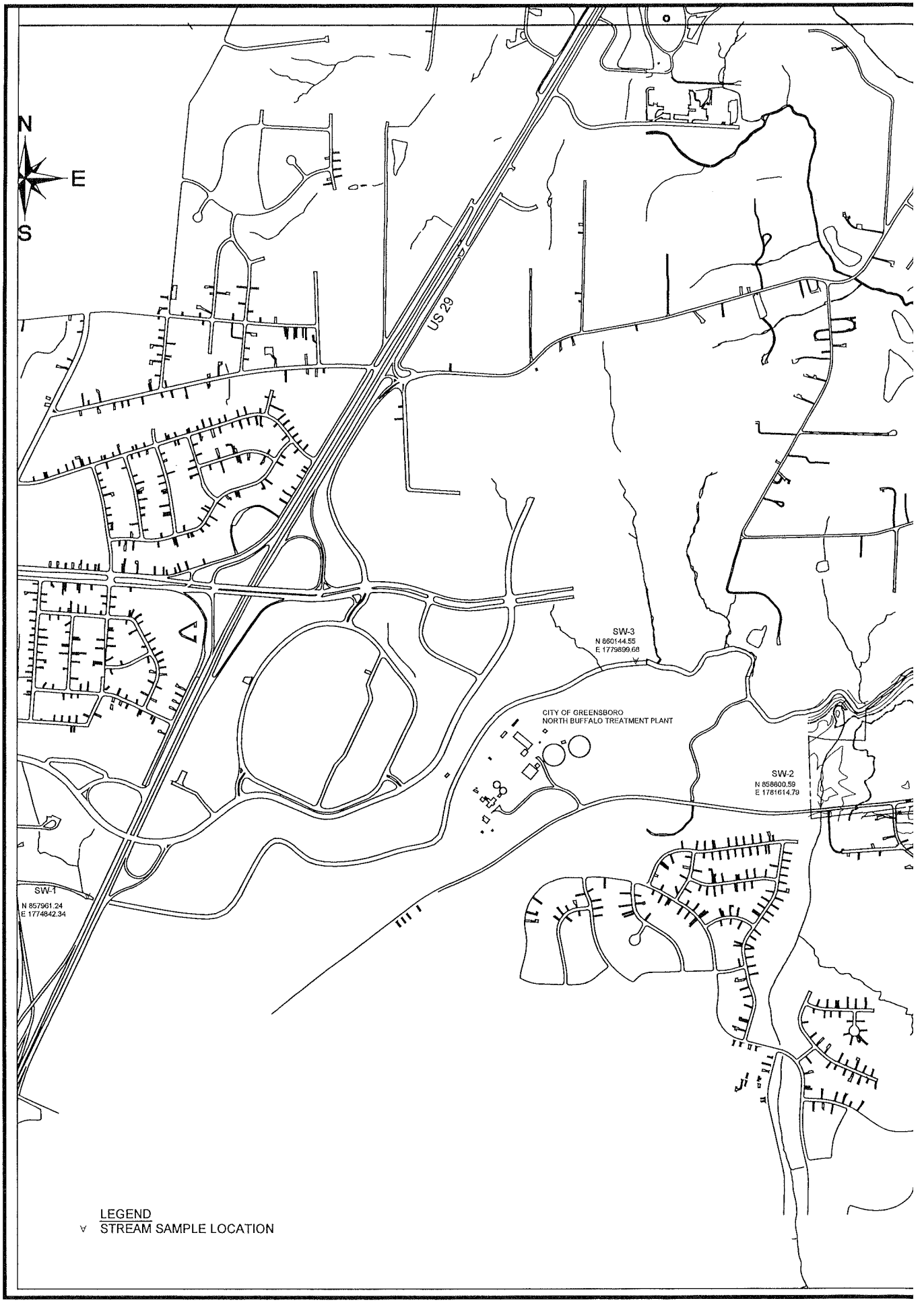
MW-20
(733.58)
MW-21
(737.23)
MW-22
(734.20)
MW-23
(730.84)
740
CELL 2
CELL
750
750
(749.86)
MW-24
760
760
CELL 3
NEALTOWN
RD
770
MW-15
(770.94)


N
E
S
US 29
SW-3
N 860144.55
E 1779899.68
CITY OF GREENSBORO
NORTH BUFFALO TREATMENT PLANT
SW-2
N 858600.59
E 1781614.79
SW-1
N 857961.24
E 1774842.34
LEGEND
STREAM SAMPLE LOCATION

APPENDIX A

Field Sampling Data Sheets

GROUNDWATER SAMPLING FIELD DATA

Location	White Street Landfill	Purge Date	4/27/06
Project No.	1584-98-081	Purge Time	
Source Well	MW-15	Sample Date	4/27/06
Locked?	(Yes) No	Sample Time	1500
(PVC) Steel Stainless		Weather	CLOUDY
Sampled By	GS/MC	Air Temp	55°

Water Level and Well Data

NOTE: FENCE LABELED BUT NOT LOCKED (SLIDED UP)

Depth to water from measuring point	23.87	feet
Depth to well bottom from measuring point		feet
Height of water column		feet
Measuring Point	TOC	

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time: Start _____ Stop _____

Purge Time: Start 1430 Stop 1500

Purge Rate: 100 liter/min

control settings changes?: 50 ON 25 OFF @ 36 PSI

cycles: _____

duration: _____

Volume of Water in well

2" well (volume = 0.163 x h) _____

4" well (volume = 0.651 x h) _____

Volume of water removed: 3.0 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1435	1440	1445	1450	1455	1500		
Temp	14.39	14.41	14.29	14.44	14.46	14.43		
pH	7.04	7.07	7.08	7.11	7.12	7.13		
Conductivity	.465	.465	.467	.467	.469	.469		
ORP*	-155	-160	-169	-172	-169	-169		
D.O.*	.82	.70	.30	.29	.31	.29		
Turbidity*	5.18	4.41	3.09	2.73	2.39	2.26		

GROUNDWATER SAMPLING FIELD DATA

Location	White Street Landfill	Purge Date	4/27/06
Project No.	1584-98-081	Purge Time	
Source Well	MW-16	Sample Date	4/27/06
Locked?	(Yes) No	Sample Time	1550
(PVC) Steel Stainless		Weather	CLOUDY
Sampled By	GS/MC	Air Temp	60°

Water Level and Well Data

NOTE: NO FENCE

Depth to water from measuring point	21.40	feet
Depth to well bottom from measuring point		feet
Height of water column		feet
Measuring Point	TOC	

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time: Start _____ Stop _____

Purge Time: Start 1515 Stop 1550

Purge Rate: 100 liter/min

control settings: 3.5 ON 25 OFF @ 25 PSI

changes?

cycles

duration

Volume of Water in well

2" well (volume = 0.163 x h)

4" well (volume = 0.651 x h)

Volume of water removed: 3.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

* *Stabilization Parameters*

Time	1520	1525	1530	1535	1540	1545	1550	
Temp	14.98	14.68	14.68	14.69	14.66	14.73	14.81	
pH	6.22	6.01	5.98	5.97	5.97	5.95	5.93	
Conductivity	.418	.419	.424	.432	.435	.420	.412	
ORP*	-81	-90	-86	-86	-89	-90	-90	
D.O.*	1.07	.90	.90	1.09	.95	.87	.84	
Turbidity*	29.6	21.6	13.54	8.95	7.39	6.62	7.02	

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill
Purge Date: 4/27/06
Project No.: 1584-98-081
Purge Time:
Source Well: MW-17
Sample Date: 4/27/06
Locked? (Yes) No
Sample Time: 1635
(PVC) Steel Stainless
Weather: CLEARING / SUN
Sampled By: GS / MC
Air Temp: 70°

Water Level and Well Data

Depth to water from measuring point: 11.23 feet

Depth to well bottom from measuring point: _____ feet

Height of water column: _____ feet

NOTE: FENCE LOCKED & LABELED

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time
Start _____ Stop _____

Purge Time
Start 1600 Stop 1635

Purge Rate: 100 liter/min

control settings: 2.6 on 25 off @ 28 psi
changes?

cycles
duration

Volume of Water in well
2" well (volume = 0.163 x h)
4" well (volume = 0.651 x h)

Volume of water removed: 3.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1610	1615	1620	1625	1630	1635		
Temp	15.45	15.90	15.83	15.79	15.79	15.70		
pH	5.96	5.98	5.98	5.97	5.97	5.99		
Conductivity	.197	.194	.193	.192	.196	.192		
ORP*	47	94	112	127	130	135		
D.O.*	3.00	2.36	2.26	2.11	1.97	1.99		
Turbidity*	6.89	4.11	4.03	3.93	4.06	4.14		

NOTE: DUPLICATE III TAKEN @ THIS LOCATION (TIME ON BOTTLE 1200)

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill — Purge Date: 4/27/06

Project No.: 1584-98-081 — Purge Time:

Source Well: MW-18 — Sample Date: 4/27/06

Locked? (Yes) No — Sample Time: 1735

(PVC) Steel Stainless — Weather: CLEAR

Sampled By: GS/MC — Air Temp: 70°

Water Level and Well Data

Depth to water from measuring point: 8.38 feet

Depth to well bottom from measuring point: feet

Height of water column: feet

Measuring Point: TOC

NOTE: FENCE LOCKED & LABELED

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time

Start: Stop:

Purge Time

Purge Rate: 100 liter/min — Start: 1645 — Stop: 1730

control settings: 3.9 ON 25 OFF @ 20 PSI — cycles:

changes? — duration:

Volume of Water in well

2" well (volume = 0.163 x h):

4" well (volume = 0.651 x h):

Volume of water removed: 4.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

* *Stabilization Parameters*

Time	1650	1655	1700	1705	1710	1715	1720	1725	1730
Temp	13.93	13.78	13.90	13.34	13.31	13.64	13.64	13.63	13.63
pH	5.97	5.84	5.83	5.80	5.82	5.85	5.89	5.89	5.87
Conductivity	.149	.138	.135	.134	.134	.135	.128	.119	.122
ORP*	130	127	143	157	161	155	152	155	155
D.O.*	4.37	2.89	1.78	1.03	.97	1.23	1.40	1.49	1.47
Turbidity*	8.03	792	405	414	265	310	340	412	400

? TURB #

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill
Purge Date: 4/27/06
Project No.: 1584-98-081
Purge Time:
Source Well: MW-19
Sample Date: 4/27/06
Locked? (Yes) No
Sample Time: 1815
(PVC) Steel Stainless
Weather: CLEAR
Sampled By: GS | MC
Air Temp: 70°

Water Level and Well Data

NOTE: FENCE LOCKED & LABELED

Depth to water from measuring point: 16.67 feet

Depth to well bottom from measuring point: feet

Height of water column: feet

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time
Start: Stop:

Purge Rate: 100 liter/min

Purge Time
Start: 1745 Stop: 1810

control settings changes?: 5.3 ON 25 OFF @ 26 PSI

cycles:

duration:

Volume of Water in well
2" well (volume = 0.163 x h)
4" well (volume = 0.651 x h)

Volume of water removed: 2.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1750	1755	1800	1805	1810			
Temp	16.53	16.39	16.21	16.05	15.96			
pH	6.12	6.04	6.03	6.03	6.03			
Conductivity	.181	.177	.176	.175	.175			
ORP*	158	175	183	187	189			
D.O.*	1.20	2.95	2.50	2.25	2.13			
Turbidity*	203	43.6	19.6	17.89	16.65			

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill
Purge Date: 4/27/06
Project No.: 1584-98-081
Purge Time:
Source Well: MW-20
Sample Date: 4/27/06
Locked? Yes (No)
Sample Time: 1900
(PVC) Steel Stainless
Weather: CLEAR
Sampled By: BS/MC
Air Temp: 70°

NOTE: FENCE LOCKED & LABELED

Water Level and Well Data

Depth to water from measuring point: 15.29 feet

Depth to well bottom from measuring point: _____ feet

Height of water column: _____ feet

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time
Start _____ Stop _____

Purge Time
Purge Rate: 100 liter/min
Start 1825 Stop 1900

control settings changes? 5.3 ON 25 OFF @ 23 PSI
cycles _____
duration _____

Volume of Water in well
2" well (volume = 0.163 x h) _____
4" well (volume = 0.651 x h) _____

Volume of water removed: 3.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1830	1835	1840	1845	1850	1855		
Temp	15.50	14.54	14.20	14.10	14.07	14.06		
pH	6.47	6.34	6.32	6.30	6.29	6.28		
Conductivity	.484	.569	.566	.551	.546	.540		
ORP*	150	143	142	144	145	146		
D.O.*	4.93	1.63	1.11	.70	.56	.50		
Turbidity*	27.1	8.17	3.67	1.55	1.17	1.19		

GROUNDWATER SAMPLING FIELD DATA

Location	White Street Landfill	Purge Date	4/27/06
Project No.	1584-98-081	Purge Time	
Source Well	MW-21	Sample Date	4/27/06
Locked?	Yes (No)	Sample Time	1940
(PVC)	Steel Stainless	Weather	CLEAR
Sampled By	GS/MAC	Air Temp	65°

Water Level and Well Data

NOTE: FENCE LOCKED & LABELED

Depth to water from measuring point	6.09	feet
Depth to well bottom from measuring point		feet
Height of water column		feet
Measuring Point	TOC	

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time: Start _____ Stop _____

Purge Time: Start 1905 Stop 1940

Purge Rate: 100 liter/min

control settings changes?: 4 ON 25 OFF @ 19 PSI

cycles: _____

duration: _____

Volume of Water in well

2" well (volume = 0.163 x h) _____

4" well (volume = 0.651 x h) _____

Volume of water removed: 3.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1910	1915	1920	1925	1930	1935		
Temp	14.34	14.23	14.11	13.77	13.68	13.55		
pH	5.87	5.83	5.81	5.77	5.77	5.76		
Conductivity	.148	.139	.139	.140	.140	.140		
ORP*	178	193	200	209	211	212		
D.O.*	2.25	2.18	1.51	1.03	1.01	.98		
Turbidity*	3.91	2.60	2.37	2.18	1.91	2.15		

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill
Purge Date: 4/27/06
Project No.: 1584-98-081
Purge Time:
Source Well: MW-22
Sample Date: 4/27/06
Locked? Yes (No)
Sample Time: 2040
(PVC) Steel Stainless
Weather: CLEAR/COOL
Sampled By: GS / MC
Air Temp: 60°

NOTE: FENCE LOCKED & LABELED (BAD LOCK)

Water Level and Well Data

Depth to water from measuring point: 10.23 feet

Depth to well bottom from measuring point: _____ feet

Height of water column: _____ feet

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time Start _____ Stop _____

Purge Rate: 100 liter/min

Purge Time Start 1945 Stop 2035

control settings changes? 3.9 ON 25 OFF @ 28 PSI

cycles _____

duration _____

Volume of Water in well

2" well (volume = 0.163 x h) _____

4" well (volume = 0.651 x h) _____

Volume of water removed: 5.0 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1950	1955	2000	2005	2010	2015	2020	2025	2030	2035
Temp	13.37	13.14	1300	12.89	12.70	12.61	12.52	12.39	12.27	1226
pH	6.57	6.65	6.65	6.65	6.63	6.62	6.61	6.60	6.60	66
Conductivity	.301	.348	.340	.341	.339	.335	.334	.330	334	.332
ORP*	104	-57	-53	-54	-60	-64	-70	-75	-76	-75
D.O.*	3.50	1.23	1.12	.83	.73	.63	.57	.61	.67	.72
Turbidity*	8.10	27.2	64.4	110	87	68	53	41	34	33

GROUNDWATER SAMPLING FIELD DATA

Location	White Street Landfill	Purge Date	4/27/06
Project No.	1584-98-081	Purge Time	
Source Well	MW-23	Sample Date	4/27/06
Locked?	(Yes) No	Sample Time	1325
(PVC) Steel Stainless		Weather	CLOUDY / RAIN
Sampled By	GS / MC	Air Temp	55°

Water Level and Well Data

NOTE: FENCE LABELED NOT LOCKED WELL SITTING TO W/IN 6" OF TOP

Depth to water from measuring point	13.41	feet
Depth to well bottom from measuring point		feet
Height of water column		feet
Measuring Point	TOC	

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time: Start ____ Stop ____

Purge Time: Start 1250 Stop 1320

Purge Rate: 100 liter/min

control settings changes?: 5.2 on 25 off @ 27 PSI

cycles: ____

duration: ____

Volume of Water in well

2" well (volume = 0.163 x h) ____

4" well (volume = 0.651 x h) ____

Volume of water removed: 3.0 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	1255	1300	1305	1310	1315	1320		
Temp	13.31	13.47	13.60	13.64	13.78	13.80		
pH	7.0	7.10	7.21	7.29	7.31	7.34		
Conductivity	.567	.598	.583	.573	.569	.567		
ORP*	18	-111	-129	-127	-129	-130		
D.O.*	3.83	1.83	1.32	.81	.61	.58		
Turbidity*	3.60	3.51	2.87	2.09	1.94	2.05		

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill
Purge Date: 4/27/06
Project No.: 1584-98-081
Purge Time:
Source Well: MW-24
Sample Date: 4/27/06
Locked? (Yes) No
Sample Time: 1415
(PVC) Steel Stainless
Weather: CLOUDY / DRIZZLE
Sampled By: GS/MC
Air Temp: 55°

Water Level and Well Data

NOTE: FENCE LOCKED & LABELED

Depth to water from measuring point: 2.66 feet

Depth to well bottom from measuring point: feet

Height of water column: feet

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time
Start: Stop:

Purge Time
Purge Rate: 100 liter/min
Start: 1335 Stop: 1410

control settings changes? 5 psi 25 psi @ 18 psi
cycles:
duration:

Volume of Water in well
2" well (volume = 0.163 x h):
4" well (volume = 0.651 x h):

Volume of water removed: 3.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

* *Stabilization Parameters*

Time	1340	1345	1350	1355	1400	1405	1410	
Temp	12.73	12.64	12.66	12.76	12.69	12.71	12.73	
pH	6.57	6.48	6.46	6.47	6.49	6.51	6.54	
Conductivity	.867	.885	.888	.885	.883	.883	.883	
ORP*	84	97	103	120	127	129	129	
D.O.*	4.67	2.21	1.39	1.40	1.52	1.81	1.91	
Turbidity*	5.55	16.1	14.30	10.98	7.71	6.99	6.26	

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill | Purge Date: 4/27/06

Project No.: 1584-98-081 | Purge Time:

Source Well: MW-25 | Sample Date: 4/27/06

Locked? (Yes) No | Sample Time: 0925

(PVC) Steel Stainless | Weather: RAIN

Sampled By: GS/MC | Air Temp: 55°

Water Level and Well Data

Depth to water from measuring point: 13.82 feet

Depth to well bottom from measuring point: _____ feet

Height of water column: _____ feet

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time Start _____ Stop _____

Purge Time Start 0855 Stop 0910

Purge Rate: 100 liter/min

control settings changes? 4 on 25 off @ 20 psi

cycles _____

duration _____

Volume of Water in well

2" well (volume = 0.163 x h) _____

4" well (volume = 0.651 x h) _____

Volume of water removed: 1.5 gallon (liters)

Was well purged dry (Yes) No

Field Analyses

** Stabilization Parameters*

Time	0900	0905						
Temp	11.38	11.42						
pH	6.02	5.99						
Conductivity	.146	.147						
ORP*	294	254						
D.O.*	7.20	7.06						
Turbidity*	5.10	4.98						

GROUNDWATER SAMPLING FIELD DATA

Location: White Street Landfill
Purge Date: 4/27/06
Project No.: 1584-98-081
Purge Time:
Source Well: MW-25B
Sample Date: 4/27/06
Locked? (Yes) No
Sample Time: 0850
(PVC) Steel Stainless
Weather: RAIN
Sampled By: GS/MC
Air Temp: 55°

NOTE: FENCE LOCKED & LOCKED

Water Level and Well Data

Depth to water from measuring point: 12.68 feet

Depth to well bottom from measuring point: feet

Height of water column: feet

Measuring Point: TOC

Well Purging and Sample Collection

Purge Method: PUMP

Sample Method: PUMP

Sample Collection Time
Start: Stop:

Purge Time
Purge Rate: 100 liter/min
Start: 0820 Stop: 0845

control settings changes? 5 on 25 off e 23 m
cycles:
duration:

Volume of Water in well
2" well (volume = 0.163 x h)
4" well (volume = 0.651 x h)

Volume of water removed: 2.5 gallon (liters)

Was well purged dry: Yes (No)

Field Analyses

** Stabilization Parameters*

Time	0830	0835	0840	0845				
Temp	12.39	12.65	12.79	12.83				
pH	6.06	6.06	6.05	6.04				
Conductivity	.127	.125	.125	.125				
ORP*	357	339	330	327				
D.O.*	5.39	4.73	4.86	4.28				
Turbidity*	3.49	2.98	3.29	2.99				

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SURFACE WATER SAMPLING FIELD DATA

SITE NAME: White Street Landfill

Date: 4/26/06

S&ME PROJECT NO. 1584-98-081

Time : 0835

SAMPLE LOCATION: SW-1

Weather: CLEAR /60°

SAMPLED BY: GWS

FIELD ANALYSES

Temperature 18.3

Specific Conductance .195

pH 7.11

Physical Appearance and Odor CLEAR/NONE

Comments/Observations:

Samplers Initials: _____

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SURFACE WATER SAMPLING FIELD DATA

SITE NAME: White Street Landfill

Date: 4/26/06

S&ME PROJECT NO. 1584-98-081

Time : 0730

SAMPLE LOCATION: SW-2

Weather: CLEAR/58°

SAMPLED BY: GWS

FIELD ANALYSES

Temperature 16.26

Specific Conductance .182

pH 6.99

Physical Appearance and Odor CLEAR/NONE

Comments/Observations:

Samplers Initials: _____

S&ME
ENVIRONMENTAL SERVICES · ENGINEERING · TESTING

SURFACE WATER SAMPLING FIELD DATA

SITE NAME: White Street Landfill

Date: 4/26/06

S&ME PROJECT NO. 1584-98-081

Time : 0815

SAMPLE LOCATION: SW-3

Weather: CLEAR/60°

SAMPLED BY: GWS

FIELD ANALYSES

Temperature 18.47

Specific Conductance .335

pH 6.86

Physical Appearance and Odor CLEAR/NONE

Comments/Observations:

Samplers Initials: _____

APPENDIX B
Analytical Results

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-15 **Lab ID:** C600965-01
Sampled: 04/27/06 15:00 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 12:51
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 21:18

Client ID: MW-16 **Lab ID:** C600965-02
Sampled: 04/27/06 15:50 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 13:16
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 21:43

Client ID: MW-17 **Lab ID:** C600965-03
Sampled: 04/27/06 16:35 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 13:23
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 22:09

Client ID: MW-18 **Lab ID:** C600965-04
Sampled: 04/27/06 17:35 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 13:30
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 22:34

Client ID: MW-19 **Lab ID:** C600965-05
Sampled: 04/27/06 18:15 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 13:37
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 23:00

Client ID: MW-20 **Lab ID:** C600965-06

Sampled: 04/27/06 19:00 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 13:58
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 23:25

Client ID: MW-21 **Lab ID:** C600965-07

Sampled: 04/27/06 19:40 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:05
EPA 8260B	05/11/06	05/08/06 08:39	5/8/2006 23:51

Client ID: MW-22 **Lab ID:** C600965-08

Sampled: 04/27/06 20:40 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:12
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 00:16

Client ID: MW-23 **Lab ID:** C600965-09

Sampled: 04/27/06 13:25 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:19
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 00:42

Client ID: MW-24 **Lab ID:** C600965-10

Sampled: 04/27/06 14:15 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:26
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 01:07

Client ID: MW-25 **Lab ID:** C600965-11

Sampled: 04/27/06 09:25 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:33
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 01:33

Client ID: MW-25B **Lab ID:** C600965-12

Sampled: 04/27/06 08:50 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:40
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 01:58

Client ID: DUPLICATE-III **Lab ID:** C600965-13

Sampled: 04/27/06 12:00 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 6010B	10/24/06	05/03/06 17:16	5/5/2006 14:47
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 02:24

Client ID: Trip Blank#3 **Lab ID:** C600965-14

Sampled: 04/27/06 00:00 **Received:** 05/03/06 11:00

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	05/11/06	05/08/06 08:39	5/9/2006 02:50

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ANALYTICAL REPORT

Sample ID:	MW-15	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-01	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-15	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-01	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	45.7	50.0	91 %	70-130
Dibromofluoromethane	1868-53-7	46.0	50.0	92 %	73-138
Toluene-d8	2037-26-5	39.4	50.0	79 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-15
Lab #: C600965-01

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-16	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-02	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

ANALYTICAL REPORT

Sample ID:	MW-16	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-02	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	43.0	50.0	86 %	70-130
Dibromofluoromethane	1868-53-7	44.8	50.0	90 %	73-138
Toluene-d8	2037-26-5	40.3	50.0	81 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-16
Lab #: C600965-02

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-17	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-03	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-17	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-03	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	45.6	50.0	91 %	70-130
Dibromofluoromethane	1868-53-7	47.5	50.0	95 %	73-138
Toluene-d8	2037-26-5	40.9	50.0	82 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-17
Lab #: C600965-03

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-18	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-04	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-18	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-04	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	43.0		50.0	86 %	70-130
Dibromofluoromethane	1868-53-7	42.7		50.0	85 %	73-138
Toluene-d8	2037-26-5	37.8	S-GC	50.0	76 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-18
Lab #: C600965-04

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-19	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-05	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-19	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-05	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	42.2	50.0	84 %	70-130
Dibromofluoromethane	1868-53-7	49.0	50.0	98 %	73-138
Toluene-d8	2037-26-5	38.0 S-GC	50.0	76 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-19
Lab #: C600965-05

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-20	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-06	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-20	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-06	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result		Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	44.6		50.0	89 %	70-130
Dibromofluoromethane	1868-53-7	49.3		50.0	99 %	73-138
Toluene-d8	2037-26-5	36.8	S-GC	50.0	74 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-20
Lab #: C600965-06

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-21	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-07	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-21	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-07	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/08/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.4	50.0	99 %	70-130
Dibromofluoromethane	1868-53-7	50.0	50.0	100 %	73-138
Toluene-d8	2037-26-5	47.8	50.0	96 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-21
Lab #: C600965-07

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-22	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-08	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-22	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-08	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	50.3	50.0	101 %	70-130
Dibromofluoromethane	1868-53-7	53.7	50.0	107 %	73-138
Toluene-d8	2037-26-5	42.2	50.0	84 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-22
Lab #: C600965-08

Project: White Street Landfill AppI Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30 U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500 U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2 U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1 U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200 U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50 U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20 U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40 U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50 U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-23	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-09	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-23	Project:	White Street Landfill AppI Monitoring Well
Lab #:	C600965-09	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53.6	50.0	107 %	70-130
Dibromofluoromethane	1868-53-7	60.6	50.0	121 %	73-138
Toluene-d8	2037-26-5	47.2	50.0	94 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-23
Lab #: C600965-09

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-24	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-10	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-24	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-10	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53.9	50.0	108 %	70-130
Dibromofluoromethane	1868-53-7	62.6	50.0	125 %	73-138
Toluene-d8	2037-26-5	50.3	50.0	101 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-24
Lab #: C600965-10

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30 U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500 U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2 U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1 U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200 U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50 U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20 U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40 U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50 U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-25	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-11	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-25	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-11	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	52.5	50.0	105 %	70-130
Dibromofluoromethane	1868-53-7	54.7	50.0	109 %	73-138
Toluene-d8	2037-26-5	43.7	50.0	87 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-25
Lab #: C600965-11

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30 U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500 U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2 U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1 U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200 U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50 U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20 U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10 U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40 U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50 U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	MW-25B	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-12	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	MW-25B	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-12	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	60.5	50.0	121 %	70-130
Dibromofluoromethane	1868-53-7	62.6	50.0	125 %	73-138
Toluene-d8	2037-26-5	48.4	50.0	97 %	77-118

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ANALYTICAL REPORT

Sample ID: MW-25B
Lab #: C600965-12

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	DUPLICATE-III	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-13	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	DUPLICATE-III	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-13	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.6	50.0	99 %	70-130
Dibromofluoromethane	1868-53-7	50.3	50.0	101 %	73-138
Toluene-d8	2037-26-5	41.5	50.0	83 %	77-118

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ANALYTICAL REPORT

Sample ID; DUPLICATE-III
Lab #: C600965-13

Project: White Street Landfill Appl Monitoring Well
Work Order #: C600965
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6E03020
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6E03020
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6E03020
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6E03020
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6E03020
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6E03020
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6E03020
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6E03020
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6E03020

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ANALYTICAL REPORT

Sample ID:	Trip Blank#3	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-14	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	Trip Blank#3	Project:	White Street Landfill Appl Monitoring Well
Lab #:	C600965-14	Work Order #:	C600965
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/09/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6E08009		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	49.6	50.0	99 %	70-130
Dibromofluoromethane	1868-53-7	60.4	50.0	121 %	73-138
Toluene-d8	2037-26-5	44.1	50.0	88 %	77-118

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Volatile Organic Compounds by GCMS - Quality Control

Batch 6E08009 - EPA 5030B_MS

Blank (6E08009-BLK2) Prepared: 05/08/2006 08:39 Analyzed: 05/08/2006 20:52

Acetone	2.0 U	2.0	ug/L
Acrylonitrile	5.0 U	5.0	ug/L
Benzene	1.0 U	1.0	ug/L
2-Butanone	2.0 U	2.0	ug/L
2-Hexanone	2.0 U	2.0	ug/L
Iodomethane	2.0 U	2.0	ug/L
Tetrachloroethene	1.0 U	1.0	ug/L
4-Methyl-2-pentanone	2.0 U	2.0	ug/L
Bromochloromethane	1.0 U	1.0	ug/L
Trichloroethene	1.0 U	1.0	ug/L
Bromodichloromethane	1.0 U	1.0	ug/L
Bromoform	1.0 U	1.0	ug/L
Bromomethane	1.0 U	1.0	ug/L
Carbon disulfide	2.0 U	2.0	ug/L
Carbon tetrachloride	1.0 U	1.0	ug/L
Chlorobenzene	1.0 U	1.0	ug/L
Chloroethane	1.0 U	1.0	ug/L
Chloroform	1.0 U	1.0	ug/L
Chloromethane	1.0 U	1.0	ug/L
Dibromochloromethane	1.0 U	1.0	ug/L
1,2-Dibromo-3-chloropropane	1.0 U	1.0	ug/L
1,2-Dibromoethane	1.0 U	1.0	ug/L
Dibromomethane	1.0 U	1.0	ug/L
1,2-Dichlorobenzene	1.0 U	1.0	ug/L
1,4-Dichlorobenzene	1.0 U	1.0	ug/L
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L
1,1-Dichloroethane	1.0 U	1.0	ug/L
1,2-Dichloroethane	1.0 U	1.0	ug/L
1,1-Dichloroethene	1.0 U	1.0	ug/L
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L
1,2-Dichloropropane	1.0 U	1.0	ug/L
cis-1,3-Dichloropropene	1.0 U	1.0	ug/L
trans-1,3-Dichloropropene	1.0 U	1.0	ug/L
Ethylbenzene	1.0 U	1.0	ug/L
Methylene chloride	1.0 U	1.0	ug/L
Styrene	1.0 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	1.0 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	1.0 U	1.0	ug/L
Toluene	1.0 U	1.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6E08009 - EPA 5030B_MS										
Blank (6E08009-BLK2) Continued				Prepared: 05/08/2006 08:39 Analyzed: 05/08/2006 20:52						
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
Vinyl acetate	2.0 U	2.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
LCS (6E08009-BS1)				Prepared: 05/08/2006 08:39 Analyzed: 05/09/2006 04:58						
Benzene	22.1	1.0	ug/L	20.0		110	69-115			
Trichloroethene	23.1	1.0	ug/L	20.0		116	74-118			
Chlorobenzene	22.4	1.0	ug/L	20.0		112	76-118			
1,1-Dichloroethene	19.2	1.0	ug/L	20.0		96	64-139			
Toluene	20.9	1.0	ug/L	20.0		104	77-117			
Matrix Spike (6E08009-MS1)				Prepared: 05/08/2006 08:39 Analyzed: 05/09/2006 05:24						
Benzene	21.9	1.0	ug/L	20.0		110	53-150			
Trichloroethene	22.4	1.0	ug/L	20.0		112	64-124			
Chlorobenzene	21.1	1.0	ug/L	20.0		106	44-128			
1,1-Dichloroethene	21.7	1.0	ug/L	20.0		108	36-177			
Toluene	20.6	1.0	ug/L	20.0		103	40-161			
Matrix Spike Dup (6E08009-MSD1)				Prepared: 05/08/2006 08:39 Analyzed: 05/09/2006 05:49						
Benzene	16.8 QR-02	1.0	ug/L	20.0		84	53-150	26	23	QR-02
Trichloroethene	18.9	1.0	ug/L	20.0		94	64-124	17	25	
Chlorobenzene	17.3	1.0	ug/L	20.0		86	44-128	20	22	
1,1-Dichloroethene	16.1	1.0	ug/L	20.0		80	36-177	30	30	
Toluene	16.5	1.0	ug/L	20.0		82	40-161	22	23	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6E03020 - EPA 3005A										
Blank (6E03020-BLK1)				Prepared: 05/03/2006 17:16 Analyzed: 05/05/2006 12:37						
Antimony	10.0 U	10.0	ug/L							
Arsenic	10.0 U	10.0	ug/L							
Barium	20.0 U	20.0	ug/L							
Beryllium	1.0 U	1.0	ug/L							
Cadmium	1.0 U	1.0	ug/L							
Chromium	10.0 U	10.0	ug/L							
Cobalt	10.0 U	10.0	ug/L							
Copper	10.0 U	10.0	ug/L							
Lead	10.0 U	10.0	ug/L							
Nickel	50.0 U	50.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6E03020 - EPA 3005A										
Blank (6E03020-BLK1) Continued				Prepared: 05/03/2006 17:16 Analyzed: 05/05/2006 12:37						
Selenium	10.0 U	10.0	ug/L							
Silver	10.0 U	10.0	ug/L							
Thallium	10.0 U	10.0	ug/L							
Vanadium	10.0 U	10.0	ug/L							
Zinc	10.0 U	10.0	ug/L							
LCS (6E03020-BS1)				Prepared: 05/03/2006 17:16 Analyzed: 05/05/2006 12:44						
Antimony	534	10.0	ug/L	500		107	82-119			
Arsenic	1060	10.0	ug/L	1000		106	82-117			
Barium	1040	20.0	ug/L	1000		104	72-125			
Beryllium	541	1.0	ug/L	500		108	75-121			
Cadmium	540	1.0	ug/L	500		108	72-120			
Chromium	1040	10.0	ug/L	1000		104	78-119			
Cobalt	1020	10.0	ug/L	1000		102	76-117			
Copper	509	10.0	ug/L	500		102	80-117			
Lead	1030	10.0	ug/L	1000		103	72-121			
Nickel	1060	50.0	ug/L	1000		106	78-116			
Selenium	1090	10.0	ug/L	1000		109	82-127			
Silver	104	10.0	ug/L	100		104	80-128			
Thallium	525	10.0	ug/L	500		105	79-118			
Vanadium	512	10.0	ug/L	500		102	91-110			
Zinc	1070	10.0	ug/L	1000		107	80-120			
Matrix Spike (6E03020-MS1)		**Source: C600965-01**		Prepared: 05/03/2006 17:16 Analyzed: 05/05/2006 12:58						
Antimony	523	10.0	ug/L	500	10.0 U	105	38-138			
Arsenic	1040	10.0	ug/L	1000	3.30	104	64-126			
Barium	1070	20.0	ug/L	1000	36.0	103	74-119			
Beryllium	535	1.0	ug/L	500	1.0 U	107	70-131			
Cadmium	525	1.0	ug/L	500	1.0 U	105	68-121			
Chromium	1020	10.0	ug/L	1000	10.0 U	102	73-120			
Cobalt	1010	10.0	ug/L	1000	10.0 U	101	76-120			
Copper	508	10.0	ug/L	500	10.0 U	102	75-123			
Lead	1000	10.0	ug/L	1000	4.00	100	68-126			
Nickel	1040	50.0	ug/L	1000	50.0 U	104	64-126			
Selenium	1060	10.0	ug/L	1000	10.0 U	106	65-129			
Silver	100	10.0	ug/L	100	10.0 U	100	69-121			
Thallium	511	10.0	ug/L	500	8.10	101	67-135			
Vanadium	497	10.0	ug/L	500	10.0 U	99	71-130			
Zinc	1030	10.0	ug/L	1000	1.80	103	63-131			
Matrix Spike Dup (6E03020-MSD1)		**Source: C600965-01**		Prepared: 05/03/2006 17:16 Analyzed: 05/05/2006 13:05						
Antimony	528	10.0	ug/L	500	10.0 U	106	38-138	1	30	
Arsenic	1050	10.0	ug/L	1000	3.30	105	64-126	1	12	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 6E03020 - EPA 3005A

Matrix Spike Dup (6E03020-MSD1) Continued **Source: C600965-01** Prepared: 05/03/2006 17:16 Analyzed: 05/05/2006 13:05

Barium	1070	20.0	ug/L	1000	36.0	103	74-119	0	11
Beryllium	540	1.0	ug/L	500	1.0 U	108	70-131	0.9	21
Cadmium	531	1.0	ug/L	500	1.0 U	106	68-121	1	12
Chromium	1020	10.0	ug/L	1000	10.0 U	102	73-120	0	10
Cobalt	1010	10.0	ug/L	1000	10.0 U	101	76-120	0	17
Copper	515	10.0	ug/L	500	10.0 U	103	75-123	1	16
Lead	1010	10.0	ug/L	1000	4.00	101	68-126	1	19
Nickel	1050	50.0	ug/L	1000	50.0 U	105	64-126	1	12
Selenium	1070	10.0	ug/L	1000	10.0 U	107	65-129	0.9	10
Silver	103	10.0	ug/L	100	10.0 U	103	69-121	3	12
Thallium	519	10.0	ug/L	500	8.10	102	67-135	2	13
Vanadium	501	10.0	ug/L	500	10.0 U	100	71-130	0.8	16
Zinc	1050	10.0	ug/L	1000	1.80	105	63-131	2	24

NOTES AND DEFINITIONS

U	Analyte included in the analysis, but not detected
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: S&ME, Inc. (SM004)	Project Number: [none]
Address: 3718 Old Battleground Rd.	Project Name/Desc: White Street Landfill App 1 MWs
City/ST/Zip: Greensboro, NC 27410	PO # / Billing Info: 14346
Tel: (336) 288-7180 Fax: (336) 288-8980	Reporting Contact: Ed Henriques
Sampler(s) Name, Affiliation (Print): Gary Simcox (S&ME)	Billing Contact:
Sampler(s) Signature: [signature]	Facility # (if required):

Requested Analyses: 8260B Appendix 1; App. 1 Metals

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C600965

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	App. 1 Metals	Sample Comments
	~~SW-1~~				~~Water~~	~~4~~	~~X~~	~~X~~	
	~~SW-2~~				~~Water~~	~~4~~	~~X~~	~~X~~	
	~~SW-3~~				~~Water~~	~~4~~	~~X~~	~~X~~	
	~~SW-4~~				~~Water~~	~~4~~	~~X~~	~~X~~	
	~~SW-5~~				~~Water~~	~~4~~	~~X~~	~~X~~	
	Duplicate-III	4/27/06	1200	GRAB	Water	4	X	X	
	Trip Blank-3				Water	3	X		

<-- Total # of Containers

Sample Kit Prepared By: J Lowther	Date/Time: 4/18/06 1400	Relinquished By: [signature]	Date/Time: 4/28/06 1430	Received By: J Lowther	Date/Time: 5/3/06 11:00
Comments:		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: 6°		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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Client Name: S&ME, Inc. (SM004)	Project Number: [none]
Address: 3718 Old Battleground Rd.	Project Name/Desc: White Street Landfill App 1 MWs
City/ST/Zip: Greensboro, NC 27410	PO # / Billing Info: 14346
Tel: (336) 288-7180 Fax: (336) 288-8980	Reporting Contact: ED HENRIQUES
Sampler(s) Name, Affiliation (Print): GARY SIMCOX (S&ME)	Billing Contact:
Sampler(s) Signature: [signature]	Facility # (if required):

Requested Analyses: 8260B Appendix 1; App.1 Metals

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C600965

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	App.1 Metals									Sample Comments
	MW-15	4/27/06	1500	G	Water	4	X	X									
	MW-16	4/27/06	1550	G	Water	4	X	X									
	MW-17	4/27/06	1635	G	Water	4	X	X									
	MW-18	4/27/06	1735	G	Water	4	X	X									
	MW-19	4/27/06	1815	G	Water	4	X	X									
	MW-20	4/27/06	1900	G	Water	4	X	X									
	MW-21	4/27/06	1940	G	Water	4	X	X									
	MW-22	4/27/06	2040	G	Water	4	X	X									
	MW-23	4/27/06	1325	G	Water	4	X	X									
	MW-24	4/27/06	1415	G	Water	4	X	X									
	MW-25	4/27/06	0925	G	Water	4	X	X									
	MW-25B	4/27/06	0850	G	Water	4	X	X									
						<-- Total # of Containers											

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
J LUNTHER	4/18/06 1400	[signature]	4/28/06 1430	J LUNTHER	5/3/06 11:00
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: 6°		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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ANALYTICAL REPORT

Sample ID:	SW-1	Project:	White Street Landfill Surface Waters
Lab #:	C600964-04	Work Order #:	C600964
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/30/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-1	Project:	White Street Landfill Surface Waters
Lab #:	C600964-04	Work Order #:	C600964
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/30/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	54.2	50.0	108 %	70-130
Dibromofluoromethane	1868-53-7	40.0	50.0	80 %	73-138
Toluene-d8	2037-26-5	40.3	50.0	81 %	77-118

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ANALYTICAL REPORT

Sample ID: SW-1
Lab #: C600964-04

Project: White Street Landfill Surface Waters
Work Order #: C600964
Matrix: Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6D27015
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6D27015
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6D27015
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6D27015
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6D27015
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6D27015
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6D27015
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015

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ANALYTICAL REPORT

Sample ID:	SW-2	Project:	White Street Landfill Surface Waters
Lab #:	C600964-05	Work Order #:	C600964
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/30/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-2	Project:	White Street Landfill Surface Waters
Lab #:	C600964-05	Work Order #:	C600964
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/30/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55.3	50.0	111 %	70-130
Dibromofluoromethane	1868-53-7	40.8	50.0	82 %	73-138
Toluene-d8	2037-26-5	40.9	50.0	82 %	77-118

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ANALYTICAL REPORT

Sample ID: SW-2
Lab #: C600964-05

Project: White Street Landfill Surface Waters
Work Order #: C600964
Matrix: Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6D27015
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6D27015
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6D27015
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6D27015
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6D27015
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6D27015
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6D27015
Zinc	7440-66-6	50	U	10.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015

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ANALYTICAL REPORT

Sample ID:	SW-3	Project:	White Street Landfill Surface Waters
Lab #:	C600964-06	Work Order #:	C600964
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/30/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U	1.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U	1.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U	1.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U	1.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U	1.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U	1.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U	1.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U	1.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U	1.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U	1.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U	1.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U	1.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U	1.0	5	ug/L
2-Butanone	78-93-3	100 U	2.0	100	ug/L
2-Hexanone	591-78-6	50 U	2.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 U	2.0	100	ug/L
Acetone	67-64-1	100 U	2.0	100	ug/L
Acrylonitrile	107-13-1	200 U	5.0	200	ug/L
Benzene	71-43-2	5 U	1.0	5	ug/L
Bromochloromethane	74-97-5	5 U	1.0	5	ug/L
Bromodichloromethane	75-27-4	5 U	1.0	5	ug/L
Bromoform	75-25-2	5 U	1.0	5	ug/L
Bromomethane	74-83-9	10 U	1.0	10	ug/L
Carbon disulfide	75-15-0	100 U	2.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U	1.0	10	ug/L
Chlorobenzene	108-90-7	5 U	1.0	5	ug/L
Chloroethane	75-00-3	10 U	1.0	10	ug/L
Chloroform	67-66-3	5 U	1.0	5	ug/L
Chloromethane	74-87-3	10 U	1.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U	1.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U	1.0	10	ug/L
Dibromochloromethane	124-48-1	5 U	1.0	5	ug/L
Dibromomethane	74-95-3	10 U	1.0	10	ug/L
Ethylbenzene	100-41-4	5 U	1.0	5	ug/L
Iodomethane	74-88-4	10 U	2.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	5 U	2.0	5	ug/L
Methylene chloride	75-09-2	10 U	1.0	10	ug/L
o-Xylene	95-47-6	5 U	1.0	5	ug/L
Styrene	100-42-5	10 U	1.0	10	ug/L
Tetrachloroethene	127-18-4	5 U	1.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	SW-3	Project:	White Street Landfill Surface Waters
Lab #:	C600964-06	Work Order #:	C600964
Prep. Method:	EPA 5030B_MS	Matrix:	Water
Analyzed:	04/30/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	1
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	5 U	1.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U	1.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U	1.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U	1.0	100	ug/L
Trichloroethene	79-01-6	5 U	1.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U	1.0	5	ug/L
Vinyl acetate	108-05-4	50 U	2.0	50	ug/L
Vinyl chloride	75-01-4	10 U	1.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	55.7	50.0	111 %	70-130
Dibromofluoromethane	1868-53-7	39.8	50.0	80 %	73-138
Toluene-d8	2037-26-5	41.8	50.0	84 %	77-118

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ANALYTICAL REPORT

Sample ID: SW-3
Lab #: C600964-06

Project: White Street Landfill Surface Waters
Work Order #: C600964
Matrix: Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6D27015
Arsenic	7440-38-2	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Barium	7440-39-3	500	U	20.0	500	ug/L	EPA 6010B	EPA 3005A	6D27015
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6D27015
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6D27015
Chromium	7440-47-3	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Cobalt	7440-48-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6D27015
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Nickel	7440-02-0	50	U	50.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6D27015
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Vanadium	7440-62-2	40	U	10.0	40	ug/L	EPA 6010B	EPA 3005A	6D27015
Zinc	7440-66-6	**51.6**		10.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6D29001 - EPA 5030B_MS										
Blank (6D29001-BLK1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 00:49						
Acetone	2.0 U	2.0	ug/L							
Acrylonitrile	5.0 U	5.0	ug/L							
Benzene	1.0 U	1.0	ug/L							
2-Butanone	2.0 U	2.0	ug/L							
2-Hexanone	2.0 U	2.0	ug/L							
Iodomethane	2.0 U	2.0	ug/L							
Tetrachloroethene	1.0 U	1.0	ug/L							
4-Methyl-2-pentanone	2.0 U	2.0	ug/L							
Bromochloromethane	1.0 U	1.0	ug/L							
Trichloroethene	1.0 U	1.0	ug/L							
Bromodichloromethane	1.0 U	1.0	ug/L							
Bromoform	1.0 U	1.0	ug/L							
Bromomethane	1.0 U	1.0	ug/L							
Carbon disulfide	2.0 U	2.0	ug/L							
Carbon tetrachloride	1.0 U	1.0	ug/L							
Chlorobenzene	1.0 U	1.0	ug/L							
Chloroethane	1.0 U	1.0	ug/L							
Chloroform	1.0 U	1.0	ug/L							
Chloromethane	1.0 U	1.0	ug/L							
Dibromochloromethane	1.0 U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	1.0 U	1.0	ug/L							
1,2-Dibromoethane	1.0 U	1.0	ug/L							
Dibromomethane	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
1,1-Dichloroethane	1.0 U	1.0	ug/L							
1,2-Dichloroethane	1.0 U	1.0	ug/L							
1,1-Dichloroethene	1.0 U	1.0	ug/L							
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L							
1,2-Dichloropropane	1.0 U	1.0	ug/L							
cis-1,3-Dichloropropene	1.0 U	1.0	ug/L							
trans-1,3-Dichloropropene	1.0 U	1.0	ug/L							
Ethylbenzene	1.0 U	1.0	ug/L							
Methylene chloride	1.0 U	1.0	ug/L							
Styrene	1.0 U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	1.0 U	1.0	ug/L							
Toluene	1.0 U	1.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6D29001 - EPA 5030B_MS										
Blank (6D29001-BLK1) Continued				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 00:49						
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
Vinyl acetate	2.0 U	2.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
LCS (6D29001-BS1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 09:42						
Benzene	16.1	1.0	ug/L	20.0		80	69-115			
Trichloroethene	20.6	1.0	ug/L	20.0		103	74-118			
Chlorobenzene	17.6	1.0	ug/L	20.0		88	76-118			
1,1-Dichloroethene	17.9	1.0	ug/L	20.0		90	64-139			
Toluene	16.4	1.0	ug/L	20.0		82	77-117			
Matrix Spike (6D29001-MS1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 10:08						
Benzene	17.6	1.0	ug/L	20.0		88	53-150			
Trichloroethene	22.3	1.0	ug/L	20.0		112	64-124			
Chlorobenzene	19.0	1.0	ug/L	20.0		95	44-128			
1,1-Dichloroethene	17.1	1.0	ug/L	20.0		86	36-177			
Toluene	17.2	1.0	ug/L	20.0		86	40-161			
Matrix Spike Dup (6D29001-MSD1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 10:34						
Benzene	18.7	1.0	ug/L	20.0		94	53-150	6	23	
Trichloroethene	22.7	1.0	ug/L	20.0		114	64-124	2	25	
Chlorobenzene	18.6	1.0	ug/L	20.0		93	44-128	2	22	
1,1-Dichloroethene	18.2	1.0	ug/L	20.0		91	36-177	6	30	
Toluene	17.3	1.0	ug/L	20.0		86	40-161	0.6	23	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6D27015 - EPA 3005A										
Blank (6D27015-BLK1)				Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 09:40						
Antimony	10.0 U	10.0	ug/L							
Arsenic	10.0 U	10.0	ug/L							
Barium	20.0 U	20.0	ug/L							
Beryllium	1.0 U	1.0	ug/L							
Cadmium	1.0 U	1.0	ug/L							
Chromium	10.0 U	10.0	ug/L							
Cobalt	10.0 U	10.0	ug/L							
Copper	10.0 U	10.0	ug/L							
Lead	10.0 U	10.0	ug/L							
Nickel	50.0 U	50.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6D27015 - EPA 3005A										
Blank (6D27015-BLK1) Continued				Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 09:40						
Selenium	10.0 U	10.0	ug/L							
Silver	10.0 U	10.0	ug/L							
Thallium	10.0 U	10.0	ug/L							
Vanadium	10.0 U	10.0	ug/L							
Zinc	10.0 U	10.0	ug/L							
LCS (6D27015-BS1)				Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 09:47						
Antimony	516	10.0	ug/L	500		103	82-119			
Arsenic	1040	10.0	ug/L	1000		104	82-117			
Barium	1080	20.0	ug/L	1000		108	72-125			
Beryllium	525	1.0	ug/L	500		105	75-121			
Cadmium	523	1.0	ug/L	500		105	72-120			
Chromium	1020	10.0	ug/L	1000		102	78-119			
Cobalt	985	10.0	ug/L	1000		98	76-117			
Copper	523	10.0	ug/L	500		105	80-117			
Lead	974	10.0	ug/L	1000		97	72-121			
Nickel	1030	50.0	ug/L	1000		103	78-116			
Selenium	1010	10.0	ug/L	1000		101	82-127			
Silver	103	10.0	ug/L	100		103	80-128			
Thallium	522	10.0	ug/L	500		104	79-118			
Vanadium	505	10.0	ug/L	500		101	91-110			
Zinc	1000	10.0	ug/L	1000		100	80-120			
Matrix Spike (6D27015-MS1)		**Source: C600962-01**		Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 10:03						
Antimony	520	10.0	ug/L	500	10.0 U	104	38-138			
Arsenic	1050	10.0	ug/L	1000	10.0 U	105	64-126			
Barium	1180	20.0	ug/L	1000	129	105	74-119			
Beryllium	528	1.0	ug/L	500	1.0 U	106	70-131			
Cadmium	510	1.0	ug/L	500	1.0 U	102	68-121			
Chromium	996	10.0	ug/L	1000	10.0 U	100	73-120			
Cobalt	973	10.0	ug/L	1000	10.0 U	97	76-120			
Copper	521	10.0	ug/L	500	10.0 U	104	75-123			
Lead	965	10.0	ug/L	1000	10.0 U	96	68-126			
Nickel	1020	50.0	ug/L	1000	10.9	101	64-126			
Selenium	1030	10.0	ug/L	1000	4.00	103	65-129			
Silver	103	10.0	ug/L	100	10.0 U	103	69-121			
Thallium	518	10.0	ug/L	500	7.30	102	67-135			
Vanadium	498	10.0	ug/L	500	10.0 U	100	71-130			
Zinc	989	10.0	ug/L	1000	6.90	98	63-131			
Matrix Spike Dup (6D27015-MSD1)		**Source: C600962-01**		Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 10:10						
Antimony	520	10.0	ug/L	500	10.0 U	104	38-138	0	30	
Arsenic	1050	10.0	ug/L	1000	10.0 U	105	64-126	0	12	

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6D27015 - EPA 3005A										
Matrix Spike Dup (6D27015-MSD1) Continued		**Source: C600962-01**		Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 10:10						
Barium	1170	20.0	ug/L	1000	129	104	74-119	0.9	11	
Beryllium	528	1.0	ug/L	500	1.0 U	106	70-131	0	21	
Cadmium	510	1.0	ug/L	500	1.0 U	102	68-121	0	12	
Chromium	996	10.0	ug/L	1000	10.0 U	100	73-120	0	10	
Cobalt	966	10.0	ug/L	1000	10.0 U	97	76-120	0.7	17	
Copper	520	10.0	ug/L	500	10.0 U	104	75-123	0.2	16	
Lead	961	10.0	ug/L	1000	10.0 U	96	68-126	0.4	19	
Nickel	1020	50.0	ug/L	1000	10.9	101	64-126	0	12	
Selenium	1010	10.0	ug/L	1000	4.00	101	65-129	2	10	
Silver	103	10.0	ug/L	100	10.0 U	103	69-121	0	12	
Thallium	513	10.0	ug/L	500	7.30	101	67-135	1	13	
Vanadium	499	10.0	ug/L	500	10.0 U	100	71-130	0.2	16	
Zinc	984	10.0	ug/L	1000	6.90	98	63-131	0.5	24	

NOTES AND DEFINITIONS

U	Analyte included in the analysis, but not detected

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
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(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: S&ME, Inc. (SM004)	Project Number: [none]
Address: 3718 Old Battleground Rd.	Project Name/Desc: White Street Landfill Surface Waters
City/ST/Zip: Greensboro, NC 27410	PO # / Billing Info: 14346
Tel: (336) 288-7180 Fax: (336) 288-8980	Reporting Contact: ED HENRIQUES
Sampler(s) Name, Affiliation (Print)	Billing Contact
Sampler(s) Signature	Facility # (if required)

Requested Analyses: 8260B Appendix 1; APP. 1 METALS

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C600964

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	APP. 1 METALS									Sample Comments
	SW-II-7UP	4/25/06	1740	GRAB	Water	3	X										
	SW-II-7	4/25/06	1730	GRAB	Water	3	X										
	SW-II-7DOWN	4/25/06	1720	GRAB	Water	3	X										
	SW-1	4/26/06	0835	GRAB	WATER	4	X	X									
	SW-2	4/26/06	0730	GRAB	WATER	4	X	X									
	SW-3	4/26/06	0815	GRAB	WATER	4	X	X									
	SW-4	4/26/06	0915	GRAB	WATER	4	X	X									
	SW-5	4/25/06	1705	GRAB	WATER	4	X	X									

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
LOWTHER	4/18/06 12:30	[illegible]	4/26/06 1520	James Hays	4/26/06 1520
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Tuesday, May 2, 2006

S&ME, Inc. (SM004)
Attn: Edmund Henriques
3718 Old Battleground Rd.
Greensboro, NC 27410

RE: Project Number: [none], Project Name/Desc: White Street Landfill App Is
ENCO Workorder: C600963

Dear Edmund Henriques,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, April 26, 2006.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

This data has been produced in accordance with NELAC standards (June, 2003). This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Bob George For Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 65.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: Leachate **Lab ID:** C600966-01

Sampled: 04/26/06 11:30 **Received:** 04/26/06 15:20

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 150.1	04/26/06 11:44	04/27/06 13:40	4/27/2006 13:40
EPA 353.1	04/28/06 11:30	04/28/06 07:03	5/1/2006 14:03
EPA 353.1	05/24/06	04/28/06 07:03	5/1/2006 14:03
EPA 354.1	04/28/06 11:30	04/28/06 07:00	4/28/2006 07:00
EPA 365.4	05/24/06	05/06/06 09:00	5/8/2006 13:37
EPA 405.1	04/28/06 11:30 05/02/06	04/27/06 13:40	4/27/2006 13:40
EPA 410.4	05/24/06	04/27/06 09:10	4/27/2006 09:10
EPA 6010B	10/23/06	04/27/06 14:08	4/28/2006 12:06
EPA 8260B	05/10/06	04/29/06 10:43	5/1/2006 11:24
SM 4500E	05/24/06	04/28/06 11:51	4/28/2006 11:51

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ANALYTICAL REPORT

Sample ID:	Leachate	Project:	White Street Landfill Leachate
Lab #:	C600966-01	Work Order #:	C600966
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/01/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	10
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
1,1,1,2-Tetrachloroethane	630-20-6	5 U, D	10.0	5	ug/L
1,1,1-Trichloroethane	71-55-6	5 U, D	10.0	5	ug/L
1,1,2,2-Tetrachloroethane	79-34-5	5 U, D	10.0	5	ug/L
1,1,2-Trichloroethane	79-00-5	5 U, D	10.0	5	ug/L
1,1-Dichloroethane	75-34-3	5 U, D	10.0	5	ug/L
1,1-Dichloroethene	75-35-4	5 U, D	10.0	5	ug/L
1,2,3-Trichloropropane	96-18-4	15 U, D	10.0	15	ug/L
1,2-Dibromo-3-chloropropane	96-12-8	25 U, D	10.0	25	ug/L
1,2-Dibromoethane	106-93-4	5 U, D	10.0	5	ug/L
1,2-Dichlorobenzene	95-50-1	5 U, D	10.0	5	ug/L
1,2-Dichloroethane	107-06-2	5 U, D	10.0	5	ug/L
1,2-Dichloropropane	78-87-5	5 U, D	10.0	5	ug/L
1,4-Dichlorobenzene	106-46-7	5 U, D	10.0	5	ug/L
2-Butanone	78-93-3	**1650** D	20.0	100	ug/L
2-Hexanone	591-78-6	50 U, D	20.0	50	ug/L
4-Methyl-2-pentanone	108-10-1	100 D	20.0	100	ug/L
Acetone	67-64-1	**1780** D	20.0	100	ug/L
Acrylonitrile	107-13-1	200 U, D	50.0	200	ug/L
Benzene	71-43-2	5 U, D	10.0	5	ug/L
Bromochloromethane	74-97-5	5 U, D	10.0	5	ug/L
Bromodichloromethane	75-27-4	5 U, D	10.0	5	ug/L
Bromoform	75-25-2	5 U, D	10.0	5	ug/L
Bromomethane	74-83-9	10 U, D	10.0	10	ug/L
Carbon disulfide	75-15-0	100 U, D	20.0	100	ug/L
Carbon tetrachloride	56-23-5	10 U, D	10.0	10	ug/L
Chlorobenzene	108-90-7	5 U, D	10.0	5	ug/L
Chloroethane	75-00-3	10 U, D	10.0	10	ug/L
Chloroform	67-66-3	5 U, D	10.0	5	ug/L
Chloromethane	74-87-3	10 U, D	10.0	10	ug/L
cis-1,2-Dichloroethene	156-59-2	5 U, D	10.0	5	ug/L
cis-1,3-Dichloropropene	10061-01-5	10 U, D	10.0	10	ug/L
Dibromochloromethane	124-48-1	5 U, D	10.0	5	ug/L
Dibromomethane	74-95-3	10 U, D	10.0	10	ug/L
Ethylbenzene	100-41-4	**18.2** D	10.0	5	ug/L
Iodomethane	74-88-4	10 U, D	20.0	10	ug/L
m,p-Xylenes	108-38-3/106-42-3	**35.0** D	20.0	5	ug/L
Methylene chloride	75-09-2	10 U, D	10.0	10	ug/L
o-Xylene	95-47-6	**13.8** D	10.0	5	ug/L
Styrene	100-42-5	10 U, D	10.0	10	ug/L
Tetrachloroethene	127-18-4	5 U, D	10.0	5	ug/L

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ANALYTICAL REPORT

Sample ID:	Leachate	Project:	White Street Landfill Leachate
Lab #:	C600966-01	Work Order #:	C600966
Prep. Method:	EPA 5030B_MS	Matrix:	Ground Water
Analyzed:	05/01/06 By: spf	Unit:	ug/L
Anal. Method:	EPA 8260B	Dilution Factor:	10
Anal. Batch:			
QC Batch:	6D29001		

Volatile Organic Compounds by GCMS

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units
Toluene	108-88-3	**12.8** D	10.0	5	ug/L
trans-1,2-Dichloroethene	156-60-5	5 U, D	10.0	5	ug/L
trans-1,3-Dichloropropene	10061-02-6	10 U, D	10.0	10	ug/L
trans-1,4-Dichloro-2-butene	110-57-6	100 U, D	10.0	100	ug/L
Trichloroethene	79-01-6	5 U, D	10.0	5	ug/L
Trichlorofluoromethane	75-69-4	5 U, D	10.0	5	ug/L
Vinyl acetate	108-05-4	50 U, D	20.0	50	ug/L
Vinyl chloride	75-01-4	10 U, D	10.0	10	ug/L

Surrogate Recovery		Result	Spike Level	% Recovery	% Recovery Limits
4-Bromofluorobenzene	460-00-4	53.3	50.0	107 %	70-130
Dibromofluoromethane	1868-53-7	39.4	50.0	79 %	73-138
Toluene-d8	2037-26-5	39.6	50.0	79 %	77-118

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ANALYTICAL REPORT

Sample ID: Leachate
Lab #: C600966-01

Project: White Street Landfill Leachate
Work Order #: C600966
Matrix: Ground Water

Metals by EPA 6000/7000 Series Methods

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Antimony	7440-36-0	30	U	10.0	30	ug/L	EPA 6010B	EPA 3005A	6D27015
Arsenic	7440-38-2	**23.4**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Barium	7440-39-3	**678**		20.0	500	ug/L	EPA 6010B	EPA 3005A	6D27015
Beryllium	7440-41-7	2	U	1.0	2	ug/L	EPA 6010B	EPA 3005A	6D27015
Cadmium	7440-43-9	1	U	1.0	1	ug/L	EPA 6010B	EPA 3005A	6D27015
Chromium	7440-47-3	**14.7**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Cobalt	7440-48-4	**26.6**		10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Copper	7440-50-8	200	U	10.0	200	ug/L	EPA 6010B	EPA 3005A	6D27015
Lead	7439-92-1	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Nickel	7440-02-0	**189**		50.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015
Selenium	7782-49-2	20	U	10.0	20	ug/L	EPA 6010B	EPA 3005A	6D27015
Silver	7440-22-4	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Thallium	7440-28-0	10	U	10.0	10	ug/L	EPA 6010B	EPA 3005A	6D27015
Vanadium	7440-62-2	**54.0**		10.0	40	ug/L	EPA 6010B	EPA 3005A	6D27015
Zinc	7440-66-6	**97.2**		10.0	50	ug/L	EPA 6010B	EPA 3005A	6D27015

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ANALYTICAL REPORT

Sample ID:	Leachate	Project:	White Street Landfill Leachate
Lab #:	C600966-01	Work Order #:	C600966
		Matrix:	Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results		MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Biochemical Oxygen Demand	NA	**200**		2	2	mg/L	EPA 405.1	NO PREP	6D27008
Chemical Oxygen Demand	NA	**1340**		10	10	mg/L	EPA 410.4	NA	6D27003
Nitrate as N		2	U, D	2	0.5	mg/L	EPA 353.1	[CALC]	[CALC]
Nitrate/Nitrite as N	NA	2	U, D	2	0.5	mg/L	EPA 353.1	NA	6D28001
Nitrite as N	NA	0.1	U	0.10	0.1	mg/L	EPA 354.1	NA	6D27004
pH	NA	**7.09**	I-02		0	pH Units	EPA 150.1	NO PREP	6D28017
Sulfate as SO4	148-08-798	5	U, D	25	5	mg/L	SM 4500E	NO PREP	6D28010

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ANALYTICAL REPORT

Sample ID:	Leachate	Project:	White Street Landfill Leachate
Lab #:	C600966-01	Work Order #:	C600966
		Matrix:	Ground Water

Classical Chemistry Parameters

Parameter	CAS Number	Analytical Results	MRL	NC RDL	Units	Analysis Method	Prep Method	Analytical Batch
Phosphorus	7723-14-0	3	0.03	0.03	mg/L	EPA 365.4	Default Prep GenChem	6E04016

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

Volatile Organic Compounds by GCMS - Quality Control

Batch 6D29001 - EPA 5030B_MS

Blank (6D29001-BLK1) Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 00:49

Acetone	2.0 U	2.0	ug/L
Acrylonitrile	5.0 U	5.0	ug/L
Benzene	1.0 U	1.0	ug/L
2-Butanone	2.0 U	2.0	ug/L
2-Hexanone	2.0 U	2.0	ug/L
Iodomethane	2.0 U	2.0	ug/L
Tetrachloroethene	1.0 U	1.0	ug/L
4-Methyl-2-pentanone	2.0 U	2.0	ug/L
Bromochloromethane	1.0 U	1.0	ug/L
Trichloroethene	1.0 U	1.0	ug/L
Bromodichloromethane	1.0 U	1.0	ug/L
Bromoform	1.0 U	1.0	ug/L
Bromomethane	1.0 U	1.0	ug/L
Carbon disulfide	2.0 U	2.0	ug/L
Carbon tetrachloride	1.0 U	1.0	ug/L
Chlorobenzene	1.0 U	1.0	ug/L
Chloroethane	1.0 U	1.0	ug/L
Chloroform	1.0 U	1.0	ug/L
Chloromethane	1.0 U	1.0	ug/L
Dibromochloromethane	1.0 U	1.0	ug/L
1,2-Dibromo-3-chloropropane	1.0 U	1.0	ug/L
1,2-Dibromoethane	1.0 U	1.0	ug/L
Dibromomethane	1.0 U	1.0	ug/L
1,2-Dichlorobenzene	1.0 U	1.0	ug/L
1,4-Dichlorobenzene	1.0 U	1.0	ug/L
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L
1,1-Dichloroethane	1.0 U	1.0	ug/L
1,2-Dichloroethane	1.0 U	1.0	ug/L
1,1-Dichloroethene	1.0 U	1.0	ug/L
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L
1,2-Dichloropropane	1.0 U	1.0	ug/L
cis-1,3-Dichloropropene	1.0 U	1.0	ug/L
trans-1,3-Dichloropropene	1.0 U	1.0	ug/L
Ethylbenzene	1.0 U	1.0	ug/L
Methylene chloride	1.0 U	1.0	ug/L
Styrene	1.0 U	1.0	ug/L
1,1,1,2-Tetrachloroethane	1.0 U	1.0	ug/L
1,1,2,2-Tetrachloroethane	1.0 U	1.0	ug/L
Toluene	1.0 U	1.0	ug/L

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6D29001 - EPA 5030B_MS										
Blank (6D29001-BLK1) Continued				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 00:49						
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
Vinyl acetate	2.0 U	2.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
Blank (6D29001-BLK2)				Prepared: 04/29/2006 10:43 Analyzed: 05/01/2006 09:40						
Acetone	2.0 U	2.0	ug/L							
Acrylonitrile	5.0 U	5.0	ug/L							
Benzene	1.0 U	1.0	ug/L							
2-Butanone	2.0 U	2.0	ug/L							
2-Hexanone	2.0 U	2.0	ug/L							
Iodomethane	2.0 U	2.0	ug/L							
Tetrachloroethene	1.0 U	1.0	ug/L							
4-Methyl-2-pentanone	2.0 U	2.0	ug/L							
Bromochloromethane	1.0 U	1.0	ug/L							
Trichloroethene	1.0 U	1.0	ug/L							
Bromodichloromethane	1.0 U	1.0	ug/L							
Bromoform	1.0 U	1.0	ug/L							
Bromomethane	1.0 U	1.0	ug/L							
Carbon disulfide	2.0 U	2.0	ug/L							
Carbon tetrachloride	1.0 U	1.0	ug/L							
Chlorobenzene	1.0 U	1.0	ug/L							
Chloroethane	1.0 U	1.0	ug/L							
Chloroform	1.0 U	1.0	ug/L							
Chloromethane	1.0 U	1.0	ug/L							
Dibromochloromethane	1.0 U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	1.0 U	1.0	ug/L							
1,2-Dibromoethane	1.0 U	1.0	ug/L							
Dibromomethane	1.0 U	1.0	ug/L							
1,2-Dichlorobenzene	1.0 U	1.0	ug/L							
1,4-Dichlorobenzene	1.0 U	1.0	ug/L							
trans-1,4-Dichloro-2-butene	1.0 U	1.0	ug/L							
1,1-Dichloroethane	1.0 U	1.0	ug/L							
1,2-Dichloroethane	1.0 U	1.0	ug/L							
1,1-Dichloroethene	1.0 U	1.0	ug/L							
cis-1,2-Dichloroethene	1.0 U	1.0	ug/L							
trans-1,2-Dichloroethene	1.0 U	1.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Volatile Organic Compounds by GCMS - Quality Control										
Batch 6D29001 - EPA 5030B_MS										
Blank (6D29001-BLK2) Continued				Prepared: 04/29/2006 10:43 Analyzed: 05/01/2006 09:40						
1,2-Dichloropropane	1.0 U	1.0	ug/L							
cis-1,3-Dichloropropene	1.0 U	1.0	ug/L							
trans-1,3-Dichloropropene	1.0 U	1.0	ug/L							
Ethylbenzene	1.0 U	1.0	ug/L							
Methylene chloride	1.0 U	1.0	ug/L							
Styrene	1.0 U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	1.0 U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	1.0 U	1.0	ug/L							
Toluene	1.0 U	1.0	ug/L							
1,1,1-Trichloroethane	1.0 U	1.0	ug/L							
1,1,2-Trichloroethane	1.0 U	1.0	ug/L							
Trichlorofluoromethane	1.0 U	1.0	ug/L							
1,2,3-Trichloropropane	1.0 U	1.0	ug/L							
Vinyl acetate	2.0 U	2.0	ug/L							
Vinyl chloride	1.0 U	1.0	ug/L							
m,p-Xylenes	2.0 U	2.0	ug/L							
o-Xylene	1.0 U	1.0	ug/L							
LCS (6D29001-BS1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 09:42						
Benzene	16.1	1.0	ug/L	20.0		80	69-115			
Trichloroethene	20.6	1.0	ug/L	20.0		103	74-118			
Chlorobenzene	17.6	1.0	ug/L	20.0		88	76-118			
1,1-Dichloroethene	17.9	1.0	ug/L	20.0		90	64-139			
Toluene	16.4	1.0	ug/L	20.0		82	77-117			
Matrix Spike (6D29001-MS1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 10:08						
Benzene	17.6	1.0	ug/L	20.0		88	53-150			
Trichloroethene	22.3	1.0	ug/L	20.0		112	64-124			
Chlorobenzene	19.0	1.0	ug/L	20.0		95	44-128			
1,1-Dichloroethene	17.1	1.0	ug/L	20.0		86	36-177			
Toluene	17.2	1.0	ug/L	20.0		86	40-161			
Matrix Spike Dup (6D29001-MSD1)				Prepared: 04/29/2006 10:43 Analyzed: 04/30/2006 10:34						
Benzene	18.7	1.0	ug/L	20.0		94	53-150	6	23	
Trichloroethene	22.7	1.0	ug/L	20.0		114	64-124	2	25	
Chlorobenzene	18.6	1.0	ug/L	20.0		93	44-128	2	22	
1,1-Dichloroethene	18.2	1.0	ug/L	20.0		91	36-177	6	30	
Toluene	17.3	1.0	ug/L	20.0		86	40-161	0.6	23	
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6D27015 - EPA 3005A										
Blank (6D27015-BLK1)				Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 09:40						
Antimony	10.0 U	10.0	ug/L							

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6D27015 - EPA 3005A										
Blank (6D27015-BLK1) Continued				Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 09:40						
Arsenic	10.0 U	10.0	ug/L							
Barium	20.0 U	20.0	ug/L							
Beryllium	1.0 U	1.0	ug/L							
Cadmium	1.0 U	1.0	ug/L							
Chromium	10.0 U	10.0	ug/L							
Cobalt	10.0 U	10.0	ug/L							
Copper	10.0 U	10.0	ug/L							
Lead	10.0 U	10.0	ug/L							
Nickel	50.0 U	50.0	ug/L							
Selenium	10.0 U	10.0	ug/L							
Silver	10.0 U	10.0	ug/L							
Thallium	10.0 U	10.0	ug/L							
Vanadium	10.0 U	10.0	ug/L							
Zinc	10.0 U	10.0	ug/L							
LCS (6D27015-BS1)				Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 09:47						
Antimony	516	10.0	ug/L	500		103	82-119			
Arsenic	1040	10.0	ug/L	1000		104	82-117			
Barium	1080	20.0	ug/L	1000		108	72-125			
Beryllium	525	1.0	ug/L	500		105	75-121			
Cadmium	523	1.0	ug/L	500		105	72-120			
Chromium	1020	10.0	ug/L	1000		102	78-119			
Cobalt	985	10.0	ug/L	1000		98	76-117			
Copper	523	10.0	ug/L	500		105	80-117			
Lead	974	10.0	ug/L	1000		97	72-121			
Nickel	1030	50.0	ug/L	1000		103	78-116			
Selenium	1010	10.0	ug/L	1000		101	82-127			
Silver	103	10.0	ug/L	100		103	80-128			
Thallium	522	10.0	ug/L	500		104	79-118			
Vanadium	505	10.0	ug/L	500		101	91-110			
Zinc	1000	10.0	ug/L	1000		100	80-120			
Matrix Spike (6D27015-MS1)		**Source: C600962-01**		Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 10:03						
Antimony	520	10.0	ug/L	500	10.0 U	104	38-138			
Arsenic	1050	10.0	ug/L	1000	10.0 U	105	64-126			
Barium	1180	20.0	ug/L	1000	129	105	74-119			
Beryllium	528	1.0	ug/L	500	1.0 U	106	70-131			
Cadmium	510	1.0	ug/L	500	1.0 U	102	68-121			
Chromium	996	10.0	ug/L	1000	10.0 U	100	73-120			
Cobalt	973	10.0	ug/L	1000	10.0 U	97	76-120			
Copper	521	10.0	ug/L	500	10.0 U	104	75-123			
Lead	965	10.0	ug/L	1000	10.0 U	96	68-126			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Metals by EPA 6000/7000 Series Methods - Quality Control										
Batch 6D27015 - EPA 3005A										
Matrix Spike (6D27015-MS1) Continued		**Source: C600962-01**		Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 10:03						
Nickel	1020	50.0	ug/L	1000	10.9	101	64-126			
Selenium	1030	10.0	ug/L	1000	4.00	103	65-129			
Silver	103	10.0	ug/L	100	10.0 U	103	69-121			
Thallium	518	10.0	ug/L	500	7.30	102	67-135			
Vanadium	498	10.0	ug/L	500	10.0 U	100	71-130			
Zinc	989	10.0	ug/L	1000	6.90	98	63-131			
Matrix Spike Dup (6D27015-MSD1)		**Source: C600962-01**		Prepared: 04/27/2006 14:08 Analyzed: 04/28/2006 10:10						
Antimony	520	10.0	ug/L	500	10.0 U	104	38-138	0	30	
Arsenic	1050	10.0	ug/L	1000	10.0 U	105	64-126	0	12	
Barium	1170	20.0	ug/L	1000	129	104	74-119	0.9	11	
Beryllium	528	1.0	ug/L	500	1.0 U	106	70-131	0	21	
Cadmium	510	1.0	ug/L	500	1.0 U	102	68-121	0	12	
Chromium	996	10.0	ug/L	1000	10.0 U	100	73-120	0	10	
Cobalt	966	10.0	ug/L	1000	10.0 U	97	76-120	0.7	17	
Copper	520	10.0	ug/L	500	10.0 U	104	75-123	0.2	16	
Lead	961	10.0	ug/L	1000	10.0 U	96	68-126	0.4	19	
Nickel	1020	50.0	ug/L	1000	10.9	101	64-126	0	12	
Selenium	1010	10.0	ug/L	1000	4.00	101	65-129	2	10	
Silver	103	10.0	ug/L	100	10.0 U	103	69-121	0	12	
Thallium	513	10.0	ug/L	500	7.30	101	67-135	1	13	
Vanadium	499	10.0	ug/L	500	10.0 U	100	71-130	0.2	16	
Zinc	984	10.0	ug/L	1000	6.90	98	63-131	0.5	24	
Classical Chemistry Parameters - Quality Control										
Batch 6D27003 - NA										
Blank (6D27003-BLK1)				Prepared: 04/27/2006 07:27 Analyzed: 04/27/2006 09:10						
Chemical Oxygen Demand	10 U	10	mg/L							
LCS (6D27003-BS1)				Prepared: 04/27/2006 07:27 Analyzed: 04/27/2006 09:10						
Chemical Oxygen Demand	715	10	mg/L	750		95	90-110			
Matrix Spike (6D27003-MS1)		**Source: C600952-01**		Prepared: 04/27/2006 07:27 Analyzed: 04/27/2006 09:10						
Chemical Oxygen Demand	589	10	mg/L	1000	200	39	90-110			
Matrix Spike Dup (6D27003-MSD1)		**Source: C600952-01**		Prepared: 04/27/2006 07:27 Analyzed: 04/27/2006 09:10						
Chemical Oxygen Demand	582	10	mg/L	1000	200	38	90-110	1	200	
Batch 6D27004 - NA										
Blank (6D27004-BLK1)				Prepared & Analyzed: 04/28/2006						
Nitrite as N	0.10 U	0.10	mg/L							
LCS (6D27004-BS1)				Prepared & Analyzed: 04/28/2006						
Nitrite as N	0.500	0.10	mg/L	0.500		100	85-115			
Matrix Spike (6D27004-MS1)		**Source: C601122-01**		Prepared & Analyzed: 04/28/2006						
Nitrite as N	0.760	0.10	mg/L	0.800	0.10 U	95	85-115			

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QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Classical Chemistry Parameters - Quality Control										
Batch 6D27004 - NA										
Matrix Spike Dup (6D27004-MSD1)		**Source: C601122-01**		Prepared & Analyzed: 04/28/2006						
Nitrite as N	0.740	0.10	mg/L	0.800	0.10 U	92	85-115	3	20	
Batch 6D27008 - NO PREP										
Blank (6D27008-BLK1)				Prepared & Analyzed: 04/27/2006						
Biochemical Oxygen Demand	2 U	2	mg/L							
LCS (6D27008-BS1)				Prepared & Analyzed: 04/27/2006						
Biochemical Oxygen Demand	203	2	mg/L				82-118			
Duplicate (6D27008-DUP1)		**Source: C601120-01**		Prepared & Analyzed: 04/27/2006						
Biochemical Oxygen Demand	96.4	2	mg/L		104			8	25	
Batch 6D28001 - NA										
Blank (6D28001-BLK1)				Prepared: 04/28/2006 07:03 Analyzed: 05/01/2006 14:03						
Nitrate/Nitrite as N	0.5 U	0.5	mg/L							
LCS (6D28001-BS1)				Prepared: 04/28/2006 07:03 Analyzed: 05/01/2006 14:03						
Nitrate/Nitrite as N	1.54	0.5	mg/L	1.50		103	0-200			
Matrix Spike (6D28001-MS1)		**Source: C601102-01**		Prepared: 04/28/2006 07:03 Analyzed: 05/01/2006 14:03						
Nitrate/Nitrite as N	1.20	0.5	mg/L	10.0	1.00	2	0-200			
Matrix Spike Dup (6D28001-MSD1)		**Source: C601102-01**		Prepared: 04/28/2006 07:03 Analyzed: 05/01/2006 14:03						
Nitrate/Nitrite as N	1.19	0.5	mg/L	10.0	1.00	2	0-200	0.8	200	
Batch 6D28010 - NO PREP										
Blank (6D28010-BLK1)				Prepared & Analyzed: 04/28/2006						
Sulfate as SO4	5 U	5	mg/L							
LCS (6D28010-BS1)				Prepared & Analyzed: 04/28/2006						
Sulfate as SO4	13.3	5	mg/L	14.4		92	85-115			
Matrix Spike (6D28010-MS1)		**Source: C601122-01**		Prepared & Analyzed: 04/28/2006						
Sulfate as SO4	22.3	5	mg/L	15.0	6.20	107	85-115			
Matrix Spike Dup (6D28010-MSD1)		**Source: C601122-01**		Prepared & Analyzed: 04/28/2006						
Sulfate as SO4	22.3	5	mg/L	15.0	6.20	107	85-115	0	20	
Batch 6D28017 - NO PREP										
LCS (6D28017-BS1)				Prepared & Analyzed: 04/27/2006						
pH	7.020		pH Units	7.000		100	90-110			
LCS (6D28017-BS2)				Prepared & Analyzed: 04/28/2006						
pH	7.000		pH Units	7.000		100	90-110			

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Classical Chemistry Parameters - Quality Control										
Batch 6E04016 - Default Prep GenChem										
Blank (6E04016-BLK1)				Prepared: 05/06/2006 09:00 Analyzed: 05/08/2006 13:11						

QUALITY CONTROL

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Classical Chemistry Parameters - Quality Control										
Batch 6E04016 - Default Prep GenChem										
Blank (6E04016-BLK1) Continued				Prepared: 05/06/2006 09:00 Analyzed: 05/08/2006 13:11						
Phosphorus	0.02 U	0.03	mg/L							
LCS (6E04016-BS1)				Prepared: 05/06/2006 09:00 Analyzed: 05/08/2006 13:18						
Phosphorus	2.48	0.03	mg/L	2.50		99	87-114			
Matrix Spike (6E04016-MS1)		**Source: A601979-01**		Prepared: 05/06/2006 09:00 Analyzed: 05/08/2006 13:20						
Phosphorus	3.02	0.03	mg/L	2.50	0.522	100	74-121			
Matrix Spike Dup (6E04016-MSD1)		**Source: A601979-01**		Prepared: 05/06/2006 09:00 Analyzed: 05/08/2006 13:24						
Phosphorus	3.02	0.03	mg/L	2.50	0.522	100	74-121	0	11	

NOTES AND DEFINITIONS

U	Analyte included in the analysis, but not detected
I-02	This result was analyzed outside of the EPA recommended holding time.
D	Data reported from a dilution

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
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(904) 296-3007 Fax (904) 296-6210

1015 Passport Way
Cary, NC 27513
(919) 677-1669 Fax (919) 677-9846

Client Name: S&ME, Inc. (SM004)	Project Number: [none]
Address: 3718 Old Battleground Rd.	Project Name/Desc: White Street Landfill Leachate
City/ST/Zip: Greensboro, NC 27410	PO # / Billing Info: 14346
Tel: (336) 288-7180 Fax: (336) 288-8980	Reporting Contact: ED HENRIQUES
Sampler(s) Name, Affiliation (Print): GARY SIMCOX	Billing Contact:
Sampler(s) Signature:	Facility # (if required):

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

___ Expedited

Due ___/___/___

Lab Workorder: C600966

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B Appendix 1	App.1 Metals	BOD 405.1, Ph	COD 410.4, P	Nitrate as N 300, Sulfate 300						Sample Comments
	Leachate	4/26/06	1130	GRAB	Water	7	X	X	X	X	X						

<-- Total # of Containers

Sample Kit Prepared By: J Lowther	Date/Time: 4/18/06 1200	Relinquished By:	Date/Time: 4/26/06 1520	Received By:	Date/Time: 4/26/06 1520
Comments:		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt:		Condition Upon Receipt: ___ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist