Wake County,
North Carolina

North Wake Subtitle D Landfill Semi-Annual Sampling Report (November 2008 Sampling Event)

December 2008

Report

DENR USE ONLY: ☐ Paper Report ☐ Electronic Data - Email CD (data loaded: Yes / No) Doc/Event #:

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- **Prepare one form for each individually monitored unit.**
- **Please type or print legibly.**
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Consultant - Camp Dresser & McKee

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Mathew F. Colone Phone: 919-787-5620

E-mail: colonemf@cdm.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Wake County North Wake Subtitle D Landfill	9004 Deponie Drive Raleigh, NC 27615	92-09	.1600	November 3-5,10, 2008

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☐ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify)
☐ Other(specify)

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Mathew F. Colone	Consultant	(919) 787-5620
Facility Representative Name (Print)	Title	(Area Code) Telephone Number
Signature	12/22/08 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL GEOLOGIST SEAL 1651 MATHEW F. COLONE

12/22/2008

Revised 01/2007

CDM
5400 Glenwood Avenue, Suite 300
Raleigh, North Carolina 27612
tel: 919 787-5620
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December 22, 2008

Mr. Donald Herndon
Solid Waste Section
Division of Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605-1350

Subject: November 2008 Semi-Annual Monitoring Sampling Report
North Wake Lined Landfill
Facility Permit # - 92-09

Dear Mr. Herndon:

CDM, on behalf of Wake County, is submitting one copy of the November 2008 semi-annual sampling event report. This letter report presents the results of the most recent semi-annual sampling event that was completed at the North Wake Lined Landfill and constitutes the second semi-annual sampling for 2008. Sampling results plus the statistical analysis for all wells and surface water-sampling locations are discussed below.

Field Activities

Groundwater and surface water samples from the North Wake Lined Landfill were collected on November 3-5 and 10, 2008 by use of disposable, laboratory decontaminated, Teflon™ bailers. The approved groundwater-monitoring network consists of the background wells (MW-11 and MW-11d), 16 down-gradient compliance wells (MW-12, -12d, -13, -14, -15, -15d, -16, -17, -17d, -18, -19, -20, -21, -25, -25d, and –26) and 3 surface water sampling locations (SW-4, -5, and –6).

Groundwater elevations were measured at each well prior to sampling, and are presented in Table 1. These groundwater elevations were used to construct potentiometric contours for this sampling event. The potentiometric contours and sampling locations are presented on Figure 1. The groundwater elevations and potentiometric contours were used to estimate groundwater velocities at each well. Groundwater velocity values are presented in Table 2.

After depth to groundwater was determined, three well volumes of water were removed from each well prior to sampling to ensure fresh formation water within the well water column. Each well volume and surface water sample was measured in the field for pH, conductivity, temperature, turbidity, dissolved oxygen (DO), and oxidation-reduction

potential (ORP). The field parameters at the time of sampling and groundwater elevations are presented in Table 1.

Sampling Results
SGS Environmental Inc. in Wilmington, North Carolina analyzed groundwater and surface water samples for the North Carolina Appendix I Volatile Organic Compounds (VOC's) and Metals.

According to the new guidelines established by the Solid Waste Section, analytical data must be reported to the laboratory specific method detection limits and must be quantifiable at or below the Solid Waste Section Limits (SWSL). All monitoring wells and surface water sample locations for the Lined Landfill had detections of analytes above the method detection limit but below the SWSL. These detections were qualified as estimated or "J" values. "B" values, which indicate that the amount detected in the method blank was greater than the method detection limit, were also reported.

The following list indicates what analytes were detected above the SWSL at each sampling location: No "J" value detections are provided. Underlined analytes exceeded the North Carolina 2L Standard (2L), Groundwater Protection Standard, or the North Carolina Surface Water Standards for Class C Waters (NC2B). A complete summary of all detected and estimated concentrations for the November 2008 and previous sampling events is presented on Table 3. Copies of the laboratory reports are provided in Appendix A.

MW-11 (Background)
Metals: Beryllium
Volatile Organic Compounds: None Detected

MW-11D (Background, Deep)
Metals: None Detected
Volatile Organic Compounds: None Detected

MW-12
Metals: Beryllium, Zinc
Volatile Organic Compounds: None Detected

MW-12D
Metals: <u>Beryllium</u>, Copper
Volatile Organic Compounds: None Detected

MW-13
Metals: Chromium, Zinc
Volatile Organic Compounds: None Detected

MW-14
Metals: None Detected
Volatile Organic Compounds: None Detected

MW-15
Metals: None Detected
Volatile Organic Compounds: None Detected

MW-15D
Metals: None Detected
Volatile Organic Compounds: None Detected

MW-16
Metals: Barium, Chromium, Cobalt, Copper, Lead, Vanadium, Zinc
Volatile Organic Compounds: None Detected

MW-17
Metals: Beryllium
Volatile Organic Compounds: None Detected

MW-17D
Metals: Beryllium
Volatile Organic Compounds: Methylene Chloride

MW-18
Metals: Beryllium
Volatile Organic Compounds: None Detected

MW-19
Metals: Beryllium
Volatile Organic Compounds: None Detected

MW-20
Metals: Copper
Volatile Organic Compounds: None Detected

MW-21
Metals: Beryllium
Volatile Organic Compounds: None Detected

MW-25
Metals: None Detected
Volatile Organic Compounds: None Detected

MW-25D
Metals: Chromium, Copper, Zinc
Volatile Organic Compounds: None Detected

MW-26
Metals: Beryllium
Volatile Organic Compounds: Methylene Chloride

SW-4
Metals: None Detected
Volatile Organic Compounds: None Detected

SW-5
Metals: None Detected
Volatile Organic Compounds: None Detected

SW-6
Metals: None Detected
Volatile Organic Compounds: None Detected

Trip Blanks
Metals: Not Tested
Volatile Organic Compounds: None Detected

Equipment Blanks
Metals: Beryllium
Volatile Organic Compounds: None Detected

"J" values were not included in the previous list, but several locations had "J" value detections that exceeded the standards. The "J" value constituents above the standards along with their locations are listed below.

Silver:	SW-4, SW-5, SW-6
Vanadium:	MW-11D, MW-12, MW-13, MW-15, MW-20, MW-25D

The equipment blank also had "J" value detections of silver and toluene. The trip blank also had a "J" value detection of methylene chloride. A blind duplicate sample identified as MW-30 was collected from MW-15D.

Statistical Analysis

Statistical analysis was performed for all detected constituents in the groundwater samples. Data from the downgradient compliance wells were compared statistically to data from the background well using either an ANOVA comparison or the Test of Proportions. The ANOVA comparison is used for all VOC detections. The ANOVA comparison is also used for the metal's comparisons where greater than 50% of the data were above detection limits. While using the ANOVA comparison, in instances where results are below detection limits, the method detection limit (MDL) was substituted. The Test of Proportions is used only for metal's comparisons where greater than 50% of the data was non-detect.

For the November 2008 sampling event, chromium was determined to be statistically significant in monitoring wells MW-13 and MW-16. Chromium has historically been statistically over the background concentrations in these two wells. Table 5 presents a summary of all parameters detected during the November 2008 sampling event that exceeded the NC2L standard, Groundwater Protection Standard, or were statistically significant. Wake County will continue with the semi-annual monitoring program.

If you have any questions or require further explanation, do not hesitate to call me at 787-5620.

Very truly yours,

Mat Colone

Mathew F. Colone, P.G.
Camp Dresser & McKee

cc: Lee Squires, WCSWM
Bob Brossoie, CDM

Table 1
Water Quality Field Parameters - November 2008
North Wake Lined Landfill

	Field Measurements						Groundwater Elevations		
Monitoring Well I.D.	**pH (-)**	**Conductivity (μS)**	**Temperature (deg. C)**	**Turbidity (NTU)**	**DO (mg/L)**	**ORP (-)**	**TOC Elevation (feet AMSL)**	**Depth to Groundwater (feet)**	**Groundwater Elevation (feet AMSL)**
MW-11	5.74	79	16.4	370	6.71	167.4	343.63	44.52	299.11
MW-11 D	6.04	94	16.6	54	7.71	115.6	343.27	44.69	298.58
MW-12	5.68	144	18.4	384	1.69	250.3	262.10	16.99	245.11
MW-12D	5.78	141	17.6	0	2.47	235.4	261.28	18.06	243.22
MW-13	5.80	120	17.1	612	5.86	222.3	270.32	23.05	247.27
MW-14	5.60	132	16.3	13	5.30	207.2	270.56	44.21	226.35
MW-15	5.61	180	18.1	1	1.15	92.8	239.31	18.84	220.47
MW-15D	5.78	152	16.9	2	3.14	196.2	239.32	19.05	220.27
MW-16	6.17	592	16.3	2,237	0.78	-17.9	266.43	35.68	230.75
MW-17	5.19	114	16.0	241	6.81	274.5	274.29	32.81	241.48
MW-17D	5.73	146	16.2	68	3.95	211.4	273.94	33.35	240.59
MW-18	5.38	111	16.6	339	6.25	244.3	283.01	20.45	262.56
MW-19	5.37	125	16.9	368	6.17	259.8	283.61	38.15	245.46
MW-20	5.85	222	17.6	390	3.34	261.7	290.77	30.85	259.92
MW-21	5.74	104	17.1	443	4.35	169.4	308.67	32.21	276.46
MW-25	5.69	136	17.3	486	2.13	146.0	293.73	10.82	282.91
MW-25d	5.54	99	16.6	774	5.02	290.8	294.34	10.99	283.35
MW-26	5.98	167	17.3	409	2.23	12.1	275.22	9.32	265.90

NOTES:
AMSL - Above Mean Sea Level
TOC - Top of Casing

Table 2
Summary of Calculated Groundwater Flow Velocities
November 2008
North Wake Lined Landfill

Monitoring Well Designation	***Hydraulic Conductivity ft/day (cm/s)***	***Gradient***	***Effective Porosity***	***Average Linear Velocity (ft/day)***
MW-11	5.66 (2.00E-03)	0.0243	0.13	1.06E+00
MW-11D	0.509 (1.80E-04)	0.0243	0.05	2.48E-01
MW-12	0.486 (1.71E-04)	0.0273	0.13	1.02E-01
MW-12D	5.24 (1.85E-03)	0.0280	0.05	2.93E+00
MW-13	1.02 (3.60E-04)	0.0238	0.13	1.87E-01
MW-14	2.05 (7.23E-04)	0.0305	0.13	4.81E-01
MW-15	2.54 (8.96E-04)	0.0276	0.25	2.80E-01
MW-15D	1.33 (4.69E-04)	0.0275	0.05	7.31E-01
MW-16	0.00967 (3.41E-06)	0.0256	0.05	4.95E-03
MW-17	1.18 (4.16E-04)	0.0256	0.18	1.68E-01
MW-17D	0.367 (1.29E-04)	0.0258	0.05	1.89E-01
MW-18	6.86 (2.42E-03)	0.0205	0.13	1.08E+00
MW-19	1.40 (4.92E-04)	0.0292	0.08	5.11E-01
MW-20	0.58 (2.06E-04)	0.0242	0.13	1.08E-01
MW-21	1.34 (4.73E-04)	0.0196	0.13	2.02E-01
MW-25	1.40 (4.96E-04)	0.0171	0.15	1.60E-01
MW-25D	0.02 (8.04E-06)	0.0161	0.15	2.15E-03
MW-26	0.72 (2.54E-04)	0.0207	0.13	1.15E-01

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-11	31-Oct-95		0.011	0.842	**0.008**		0.024	**0.071**	0.331	**0.026**	0.087				**0.117**	0.314
MW-11	19-Dec-95															
MW-11	26-Feb-96						0.011	0.022								0.106
MW-11	29-Apr-96															0.106
MW-11	27-Nov-96			0.035												
MW-11	22-Apr-97															0.13
MW-11	31-Oct-97															0.066
MW-11	11-May-98															
MW-11	8-Dec-98					**0.0021**										
MW-11	14-Apr-99															
MW-11	30-Nov-99															
MW-11	5-Apr-00					0.0012										
MW-11	18-Dec-00															
MW-11	18-Apr-01															
MW-11	27-Nov-01			0.311					0.0165							0.0297
MW-11	5-Apr-02															
MW-11	5-Nov-02															
MW-11	15-Apr-03															
MW-11	29-Oct-03															
MW-11	21-Apr-04															
MW-11	18-Nov-04															
MW-11	21-Apr-05															
MW-11	11-Nov-05															0.083
MW-11	13-Apr-06															
MW-11	8-Nov-06															0.082
MW-11	20-Apr-07															0.021
MW-11	7-Nov-07			0.332	0.0021					0.012					**0.058**	0.113
MW-11	15-May-08			0.0778J			0.0054J		0.0105	0.00392J			0.00448J	**0.00563**	0.00290J	0.0161
MW-11	10-Nov-08			0.0531J	0.00303	0.00035JB	0.00273JB		0.00594JB	0.00978JB			0.00402JB		0.00114J	0.00818J
MW-11D	31-Oct-95					**0.002**										
MW-11D	19-Dec-95															
MW-11D	26-Feb-96					0.001										
MW-11D	29-Apr-96															
MW-11D (dup)	29-Apr-96															
MW-11 D	27-Nov-96			0.026												
MW-11D	22-Apr-97															0.054
MW-11D	31-Oct-97															0.026
MW-11D	11-May-98												0.012			0.069
MW-11D	8-Dec-98					**0.0019**										
MW-11D	14-Apr-99															
MW-11D	30-Nov-99															
MW-11D	5-Apr-00															
MW-11D	18-Dec-00															
MW-11D	18-Apr-01															
MW-11D	27-Nov-01															
MW-11D	5-Apr-02															
MW-11D	5-Nov-02															
MW-11D	15-Apr-03															
MW-11D	29-Oct-03															
MW-11D	21-Apr-04															
MW-11D	18-Nov-04															
MW-11D	21-Apr-05															
MW-11D	11-Nov-05															
MW-11D	13-Apr-06															
MW-11D	8-Nov-06															
MW-11D	20-Apr-07															
MW-11D	7-Nov-07															0.016
MW-11D	15-May-08			0.0597J	0.00307		0.00641J		0.00821J	0.00459J			0.00398J	**0.00691**	0.000970J	0.00982J
MW-11D	10-Nov-08			0.0376J		0.00036JB	0.00194JB		0.0058JB	0.0085JB			0.00437JB		0.00409J	0.00414J

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-12	31-Oct-95															
MW-12	19-Dec-95															
MW-12 (dup)	19-Dec-95															
MW-12	26-Feb-96															
MW-12	29-Apr-96															
MW-12	27-Nov-96			0.2				0.005	0.01	0.006					**0.014**	0.028
MW-12	24-Apr-97						0.012									0.11
MW-12	3-Nov-97			0.55	0.0029	0.0013	0.021	0.023		**0.018**					**0.12**	0.31
MW-12	23-Nov-98															
MW-12	14-Apr-99															
MW-12	1-Dec-99															
MW-12	5-Apr-00															
MW-12	18-Dec-00															
MW-12	17-Apr-01															
MW-12	28-Nov-01															
MW-12	3-Apr-02															
MW-12	5-Nov-02					0.0013										
MW-12	15-Apr-03															
MW-12	30-Oct-03															
MW-12	7-Apr-04															
MW-12	18-Nov-04						0.019	0.018							**0.065**	0.05
MW-12	21-Apr-05															
MW-12	11-Nov-05															
MW-12	13-Apr-06															
MW-12	8-Nov-06															
MW-12	20-Apr-07			0.26	0.001				0.037						**0.05**	0.061
MW-12	7-Nov-07			0.266	0.0014				0.031						**0.038**	0.068
MW-12	14-May-08			0.287		0.00068J	0.0181	0.00992J	0.0656	**0.0206**		0.0101			**0.0578**	0.0592
MW-12	5-Nov-08			0.0567J	0.00244	0.00017J	0.00353J		0.00684J				0.0015JB		0.00585J	0.0105
MW-12D	31-Oct-95															
MW-12D	19-Dec-95															
MW-12D	26-Feb-96															
MW-12D	29-Apr-96															
MW-12 D	27-Nov-96			0.013												
MW-12D	24-Apr-97															
MW-12D	3-Nov-97															
MW-12D	23-Nov-98															
MW-12D	14-Apr-99															
MW-12D	1-Dec-99															
MW-12D	5-Apr-00															
MW-12D	18-Dec-00															
MW-12D (dup)	18-Dec-00					0.0011										
MW-12D	17-Apr-01															
MW-12D	28-Nov-01															
MW-12D	3-Apr-02															
MW-12D	5-Nov-02															
MW-12D	15-Apr-03															
MW-12D	30-Oct-03															
MW-12D	7-Apr-04															
MW-12D	18-Nov-04															
MW-12D	21-Apr-05															
MW-12D	11-Nov-05															
MW-12D	13-Apr-06															
MW-12D	8-Nov-06															
MW-12D	20-Apr-07															
MW-12D	7-Nov-07															
MW-12D	14-May-08			0.0228J			0.00345J		0.0131	0.00947J						
MW-12D	5-Nov-08			0.0164J	**0.00474**	0.00014J			0.0102	0.00409J			0.00124JB			

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-13	31-Oct-95				0.002		0.022				0.063				**0.044**	0.069
MW-13	19-Dec-95															
MW-13	26-Feb-96															
MW-13	29-Apr-96															
MW-13	27-Nov-96			0.018												
MW-13	24-Apr-97															
MW-13	7-May-98						0.021									
MW-13	23-Nov-98					**0.0068**	**0.059**	**0.019**							**0.081**	0.12
MW-13	14-Apr-99															
MW-13	1-Dec-99															
MW-13	6-Apr-00															
MW-13	18-Dec-00					0.0011	0.0102									
MW-13	17-Apr-01															
MW-13	28-Nov-01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW-13	3-Apr-02															
MW-13	6-Nov-02															
MW-13	15-Apr-03															
MW-13 (dup)	15-Apr-03															
MW-13	30-Oct-03															
MW-13	8-Apr-04						0.0222									
MW-13 (dup)	8-Apr-04															
MW-13	18-Nov-04						**0.086**	0.033							**0.099**	0.1
MW-13	21-Apr-05															
MW-13	11-Nov-05			0.578			0.0158				**0.109**				**0.217**	0.272
MW-13	13-Apr-06						0.012									
MW-13	8-Nov-06						0.017									
MW-13	20-Apr-07															0.012
MW-13	7-Nov-07			0.157			0.024								**0.03**	0.062
MW-13	13-May-08			0.0446J			0.00748J		0.00466J	0.00881J					0.00589J	0.00845J
MW-13	4-Nov-08			0.0686J			0.0144		0.00169J	0.0041J			0.0014JB		0.0165J	0.0199
MW-14	31-Oct-95										0.052					
MW-14	19-Dec-95															
MW-14	26-Feb-96									**0.021**						
MW-14	29-Apr-96						0.013	**0.012**								
MW-14	27-Nov-96			0.011												
MW-14	24-Apr-97															0.098
MW-14	1-Nov-97															0.098
MW-14	7-May-98						0.034				0.088					0.064
MW-14	23-Nov-98															
MW-14 (dup)	23-Nov-98															
MW-14	14-Apr-99															
MW-14	1-Dec-99					0.001										
MW-14	6-Apr-00															
MW-14 (dup)	6-Apr-00															
MW-14	18-Dec-00															
MW-14	17-Apr-01															
MW-14	28-Nov-01															
MW-14	3-Apr-02															
MW-14	5-Nov-02															
MW-14	15-Apr-03					0.0017										
MW-14	29-Oct-03															
MW-14	8-Apr-04															
MW-14	18-Nov-04															
MW-14	21-Apr-05															
MW-14	11-Nov-05															
MW-14	13-Apr-06															
MW-14	8-Nov-06															
MW-14	20-Apr-07															
MW-14	7-Nov-07								0.013							0.025
MW-14	13-May-08			0.0338J			0.00554J		0.00642J	0.00787J						
MW-14	4-Nov-08			0.0258J		0.00037J	0.00328J		0.00333J	0.00375J			0.00116JB		0.00083J	0.00508J

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-15	31-Oct-95						0.012				0.064					
MW-15	19-Dec-95															
MW-15	26-Feb-96						0.036	0.012							**0.143**	
MW-15	29-Apr-96				**0.005**		**0.196**	0.052	0.503	**0.034**	0.094				**0.410**	0.240
MW-15	27-Nov-96			0.15			0.003	0.007	0.017						**0.051**	0.046
MW-15 (dup)	27-Nov-96			0.2			0.004	0.007	0.021						**0.072**	0.046
MW-15	24-Apr-97															0.078
MW-15 (dup)	24-Apr-97															
MW-15	31-Oct-97															0.078
MW-15	7-May-98													**0.012**		
MW-15	23-Nov-98					**0.0025**	0.01								**0.040**	0.12
MW-15	14-Apr-99					0.0011										0.0159
MW-15	1-Dec-99															
MW-15	6-Apr-00					0.0015										
MW-15	18-Dec-00					0.0014		0.0102							**0.0941**	0.475
MW-15	17-Apr-01															
MW-15 (dup)	17-Apr-01															
MW-15	28-Nov-01					0.0011									**0.0669**	0.165
MW-15	3-Apr-02															
MW-15	6-Nov-02															
MW-15	15-Apr-03					**0.0019**	0.0195	0.0169							**0.0617**	
MW-15	29-Oct-03															
MW-15	8-Apr-04															
MW-15	18-Nov-04						**0.06**	0.025			0.052				**0.142**	0.09
MW-15	21-Apr-05															
MW-15	11-Nov-05															
MW-15	13-Apr-06															
MW-15	8-Nov-06						0.011									0.061
MW-15	20-Apr-07															
MW-15	7-Nov-07								0.015						**0.027**	0.077
MW-15	13-May-08			0.0896J			0.0121	0.00526J	0.0197	0.00515J		0.0139			0.0191J	0.0134
MW-15	3-Nov-08			0.0665J		0.0003J	0.00449J		0.00662J		0.0096J		0.00201JB		0.00504J	0.00882J
MW-15D	31-Oct-95															
MW-15D	19-Dec-95															
MW-15D	26-Feb-96															
MW-15D	29-Apr-96															
MW-15D	27-Nov-96			0.05			0.003								**0.005**	
MW-15D	24-Apr-97															0.05
MW-15D	31-Oct-97									0.013						0.05
MW-15D	7-May-98						0.013							**0.011**		
MW-15D	23-Nov-98															
MW-15D	14-Apr-99															
MW-15D	1-Dec-99															
MW-15D	6-Apr-00															
MW-15D	18-Dec-00															
MW-15D	17-Apr-01															
MW-15D	28-Nov-01															
MW-15D	3-Apr-02															
MW-15D	6-Nov-02															
MW-15D	15-Apr-03															
MW-15D	29-Oct-03															
MW-15D	8-Apr-04															
MW-15D	18-Nov-04															
MW-15D	21-Apr-05															
MW-15D	11-Nov-05															
MW-15D	13-Apr-06															
MW-15D	8-Nov-06															
MW-15D	20-Apr-07															
MW-15D	7-Nov-07															
MW-15D	13-May-08			0.0601J			0.00506J		0.00522J	0.00788J						0.00536J
MW-15D	5-Nov-08			0.0636J			0.00282J			0.00394J			0.00111JB			
MW-15D (dup)	5-Nov-08			0.0636J			0.00377J						0.00088JB			0.00708J

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-16	31-Oct-95						**0.590**				0.073					
MW-16	19-Dec-95						**0.204**									
MW-16	26-Feb-96						**0.086**									
MW-16 (dup)	26-Feb-96						0.020									
MW-16	29-Apr-96				0.003		0.040	0.017		**0.037**					**0.065**	0.051
MW-16	27-Nov-96			0.15				0.002								
MW-16	24-Apr-97						0.012			0.011						0.14
MW-16	31-Oct-97							0.01								0.045
MW-16 (dup)	31-Oct-97						0.012	0.013		0.012						0.031
MW-16	7-May-98						0.012							**0.015**		
MW-16	23-Nov-98					0.0015										
MW-16	14-Apr-99					0.0013										
MW-16	1-Dec-99					0.0013										
MW-16	6-Apr-00							0.0133								
MW-16	18-Dec-00															
MW-16	17-Apr-01															
MW-16	28-Nov-01		0.0133													
MW-16	3-Apr-02															
MW-16	6-Nov-02															
MW-16	15-Apr-03															
MW-16	29-Oct-03															
MW-16 (dup)	29-Oct-03															
MW-16	8-Apr-04		0.0151					0.0124								
MW-16	18-Nov-04	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
MW-16	21-Apr-05															
MW-16	11-Nov-05															
MW-16	13-Apr-06															
MW-16	8-Nov-06		0.012				0.012	0.012								
MW-16	20-Apr-07			0.112					0.011							0.029
MW-16	7-Nov-07			0.167					0.012							0.023
MW-16	13-May-08			0.144		0.00027J	0.0152	0.00752J	0.0295	0.012		0.012	0.00094J		0.0307J	0.129
MW-16	5-Nov-08		0.00216J	0.202		0.00045J	0.0105	0.0133	0.0179	0.0106	0.00586J		0.00159JB		**0.0294**	0.136
MW-17	31-Oct-95															
MW-17	19-Dec-95						0.012									
MW-17	26-Feb-96				0.003		0.036	0.011		**0.016**					**0.104**	0.052
MW-17	29-Apr-96						0.014									
MW-17	27-Nov-96			0.023			0.003									
MW-17	24-Apr-97						0.02									0.056
MW-17	31-Oct-97						0.013			0.01						0.035
MW-17	11-May-98						0.011									0.13
MW-17	23-Nov-98															
MW-17	14-Apr-99															
MW-17	1-Dec-99															
MW-17	6-Apr-00															
MW-17	18-Dec-00															
MW-17	17-Apr-01															
MW-17	29-Nov-01															
MW-17	3-Apr-02															
MW-17 (dup)	3-Apr-02															
MW-17	6-Nov-02															
MW-17	15-Apr-03															
MW-17	29-Oct-03															
MW-17	8-Apr-04															
MW-17	18-Nov-04															
MW-17	21-Apr-05															
MW-17	11-Nov-05						0.014									
MW-17	13-Apr-06															
MW-17	8-Nov-06				0.003		0.02			**0.017**					**0.042**	
MW-17	20-Apr-07															
MW-17	7-Nov-07			0.107	0.003		0.019		0.011	**0.015**					**0.041**	0.029
MW-17	13-May-08			0.0417J			0.0112		0.00808J	0.00844J			0.0015J		0.0113J	0.00722J
MW-17	3-Nov-08			0.0215J	**0.00613**	0.00016J	0.00557J		0.0025J				0.00144J			

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-17D	31-Oct-95															
MW-17D	19-Dec-95															
MW-17D	26-Feb-96															
MW-17D	29-Apr-96															
MW-17D	27-Nov-96			0.026			0.005									
MW-17D	24-Apr-97															
MW-17D	31-Oct-97															
MW-17D	11-May-98															0.058
MW-17D	23-Nov-98															
MW-17D	14-Apr-99															
MW-17D	1-Dec-99															
MW-17D	6-Apr-00															
MW-17D	18-Dec-00															
MW-17D	17-Apr-01															
MW-17D	29-Nov-01															
MW-17D	3-Apr-02															
MW-17D	6-Nov-02															0.539
MW-17D	15-Apr-03															
MW-17D	29-Oct-03															
MW-17D	8-Apr-04															
MW-17D	18-Nov-04															
MW-17D	21-Apr-05					**0.002**										
MW-17D	11-Nov-05															
MW-17D	13-Apr-06															
MW-17D	8-Nov-06															
MW-17D	20-Apr-07						0.021									
MW-17D	7-Nov-07															
MW-17D	13-May-08			0.0382J			0.00345J		0.00446J	0.00853J			0.0013J			0.0063J
MW-17D	5-Nov-08			0.0438J	0.00161		0.00557J		0.00216J				0.00132JB			
MW-18	31-Oct-95			0.857	**0.004**		**0.271**	**0.092**		**0.018**	**0.264**				**0.207**	0.428
MW-18 (dup)	31-Oct-95			1.347	**0.009**		**0.505**	**0.145**		**0.027**	**0.458**				**0.307**	0.875
MW-18	19-Dec-95															
MW-18	26-Feb-96						**0.067**	0.038		0.012					**0.107**	0.150
MW-18	29-Apr-96				**0.005**		**0.299**	**0.127**	0.620	**0.023**	**0.218**				**0.165**	0.606
MW-18	27-Nov-96			0.018												
MW-18	24-Apr-97					0.001		0.045			0.066				**0.11**	0.26
MW-18	31-Oct-97						**0.064**	0.026							**0.062**	0.11
MW-18	7-May-98						0.014									
MW-18	23-Nov-98					0.0012	0.013									
MW-18	14-Apr-99					**0.0018**										
MW-18	1-Dec-99						0.0123									
MW-18	6-Apr-00															
MW-18	18-Dec-00															
MW-18	17-Apr-01															
MW-18	29-Nov-01						0.0231	0.0165								0.0676
MW-18	5-Apr-02															
MW-18	6-Nov-02						0.0146	0.0106								
MW-18	15-Apr-03					0.0010	0.0235	0.0133								
MW-18	29-Oct-03						0.0275	0.0134								
MW-18	8-Apr-04						0.0251	0.0119								
MW-18	18-Nov-04															
MW-18	21-Apr-05															
MW-18	11-Nov-05															
MW-18	13-Apr-06						0.023									0.051
MW-18	8-Nov-06			0.598	0.003		0.047	0.019		**0.017**					**0.056**	0.244
MW-18	20-Apr-07			0.106					0.026						**0.025**	0.043
MW-18	7-Nov-07			0.281	0.001		0.035	0.013	0.043						**0.044**	0.107
MW-18	13-May-08			0.0726J			0.022	0.00544J	0.0286	0.0128	0.00608J	0.0091J			0.0178J	0.0223
MW-18	3-Nov-08			0.0207J	0.00376	0.00016J	0.00498J		0.00565J				0.00115J		0.0014J	0.00495J

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-19	8-Mar-99					**0.003**	**0.124**	0.0285		0.0124	0.056				**0.0826**	0.0573
MW-19	15-Apr-99															
MW-19	27-May-99															
MW-19	20-Jul-99															
MW-19	4-Aug-99															
MW-19 (dup)	4-Aug-99															
MW-19	1-Dec-99															
MW-19	5-Apr-00															
MW-19	18-Dec-00															
MW-19	18-Apr-01															
MW-19	28-Nov-01															
MW-19	4-Apr-02															
MW-19	5-Nov-02						0.0178									
MW-19	16-Apr-03						0.0294									
MW-19	30-Oct-03															
MW-19	7-Apr-04															
MW-19	18-Nov-04						0.018									
MW-19	21-Apr-05															
MW-19	11-Nov-05															
MW-19	13-Apr-06															
MW-19	8-Nov-06															
MW-19	20-Apr-07															
MW-19	7-Nov-07						0.017		0.029							0.012
MW-19	14-May-08			0.033J			0.0106		0.012							0.00437J
MW-19	5-Nov-08			0.0124J	0.00154B	0.00014J	0.00389J		0.00294J				0.00155JB			
MW-20	15-Apr-99					0.00012	0.0118	0.036								0.098
MW-20	27-May-99															
MW-20 (dup)	27-May-99															
MW-20	20-Jul-99															
MW-20	4-Aug-99															
MW-20	1-Dec-99															
MW-20	5-Apr-00															
MW-20	18-Dec-00															
MW-20	18-Apr-01															
MW-20	27-Nov-01			0.179				0.0279	0.122							0.0827
MW-20	4-Apr-02							0.011								
MW-20	6-Nov-02															
MW-20	16-Apr-03					0.0013	0.0101	0.0191								0.0601
MW-20	30-Oct-03															
MW-20	7-Apr-04															
MW-20	18-Nov-04							0.01								
MW-20	21-Apr-05															
MW-20	11-Nov-05															
MW-20	13-Apr-06															
MW-20	8-Nov-06															
MW-20	20-Apr-07								0.019							0.015
MW-20	7-Nov-07			0.147				0.012	0.075	**0.019**					**0.029**	0.079
MW-20	14-May-08		0.00231J	0.0364J			0.00474J		0.0272	0.0113					0.0107J	0.0126
MW-20	5-Nov-08			0.0258J	0.00063J	0.00014J	0.00317J		0.0176				0.00105J		0.00654J	0.00757J

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-21	15-Apr-99					**0.004**		0.0632	0.362	0.0147	0.0527				**0.0565**	0.347
MW-21	27-May-99															
MW-21	20-Jul-99															
MW-21	4-Aug-99															
MW-21	30-Nov-99															
MW-21	5-Apr-00															
MW-21	18-Dec-00															
MW-21	18-Apr-01															
MW-21	27-Nov-01															
MW-21	4-Apr-02															
MW-21	5-Nov-02															
MW-21	16-Apr-03															
MW-21	30-Oct-03															
MW-21	7-Apr-04															
MW-21	18-Nov-04							0.016							**0.049**	
MW-21	21-Apr-05															
MW-21	11-Nov-05															
MW-21	13-Apr-06															
MW-21	8-Nov-06															
MW-21	20-Apr-07															
MW-21	7-Nov-07															0.011
MW-21	14-May-08			0.085J			0.00425J		0.0192	0.00645J					0.00538J	0.0109
MW-21 (dup)	14-May-08			0.0914J			0.00476J		0.0205	0.00542J			0.00446J	**0.00692**	0.012J	0.0168
MW-21	5-Nov-08		0.00185J	0.0581J	0.00112		0.00197J		0.00928J				0.00126JB			0.00504J
MW-25	15-Apr-99															
MW-25	27-May-99															
MW-25	20-Jul-99															
MW-25 (dup)	20-Jul-99															
MW-25	4-Aug-99															
MW-25	1-Dec-99															
MW-25	5-Apr-00															
MW-25	18-Dec-00					0.0011										
MW-25	18-Apr-01															
MW-25	27-Nov-01															
MW-25	4-Apr-02															
MW-25	5-Nov-02															
MW-25	16-Apr-03															
MW-25	30-Oct-03															
MW-25	7-Apr-04															
MW-25	18-Nov-04															
MW-25	21-Apr-05															
MW-25	11-Nov-05															
MW-25	13-Apr-06															
MW-25	8-Nov-06															
MW-25	20-Apr-07															0.01
MW-25	7-Nov-07			0.126			0.015									0.028
MW-25	14-May-08			0.0528J			0.00441J		0.00472J	0.00397J						
MW-25	5-Nov-08			0.0704J			0.00702J		0.00403J				0.00148JB			0.00516J
MW-25D	15-Apr-99															
MW-25D	27-May-99															
MW-25D	20-Jul-99															
MW-25D	4-Aug-99															
MW-25D	1-Dec-99															
MW-25D	5-Apr-00															
MW-25D	18-Dec-00															
MW-25D	18-Apr-01					**0.0039**										
MW-25D	27-Nov-01								0.0109							
MW-25D	4-Apr-02															
MW-25D	5-Nov-02															
MW-25D	16-Apr-03					**0.0033**	0.0172	0.0212								
MW-25D	30-Oct-03															
MW-25D	7-Apr-04															
MW-25D	18-Nov-04															
MW-25D	21-Apr-05															
MW-25D	11-Nov-05															
MW-25D	13-Apr-06															
MW-25D	8-Nov-06						0.01									
MW-25D	20-Apr-07															
MW-25D	7-Nov-07						0.01		0.029							0.029
MW-25D	14-May-08			0.0766J			0.0121	0.00418J	0.0356		0.00844J				0.013J	0.0204
MW-25D	5-Nov-08			0.0699J		0.00063J	**0.054**	0.00315J	0.0191	0.00668J	0.0302J		0.00167JB		0.00444J	0.02

Table 3A
Detected Groundwater Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2L		**0.0014***	**0.05**	**2**	**0.004***	**0.00175**	**0.05**	**0.07***	**1**	**0.015**	**0.1**	**0.05**	**0.0175**	**0.00028***	**0.0035***	**1.05**
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
MW-26	27-May-99					0.0014		0.0306								
MW-26	20-Jul-99							0.0102								
MW-26	4-Aug-99							0.01								
MW-26 (dup)	4-Aug-99							0.0102								
MW-26	30-Nov-99															
MW-26 (dup)	30-Nov-99															
MW-26	5-Apr-00					0.0017		0.0146								
MW-26	15-Dec-00					**0.0018**		0.02								
MW-26	18-Apr-01							0.0109								
MW-26	27-Nov-01							0.0126								
MW-26	4-Apr-02							0.0111								
MW-26	5-Nov-02					0.0016		0.0152								
MW-26 (dup)	5-Nov-02					**0.0018**		0.0154								
MW-26	16-Apr-03					0.0012		0.0165								
MW-26	30-Oct-03					0.0011		0.0278							**0.0405**	
MW-26	7-Apr-04							0.0117								
MW-26	18-Nov-04						0.011	0.023								
MW-26	21-Apr-05															
MW-26	11-Nov-05															
MW-26	13-Apr-06															
MW-26	8-Nov-06															
MW-26	20-Apr-07			0.387	0.001	**0.002**	0.016	0.026	0.356						**0.059**	0.165
MW-26	7-Nov-07								0.012							
MW-26	14-May-08			0.0633J			0.0102	0.0129	0.0573	0.0137	0.0118J	0.0203			0.0155J	0.0141
MW-26	5-Nov-08			0.0193J	**0.00432**		0.00136J	0.0046J	0.00679J				0.00121JB			

Notes: DUP - Duplicate samples results; D - Deep well

All units are in milligrams per liter (parts per million).

- Indicates results below detection limits

- Concentrations exceeds N.C. Groundwater Standards (2L) or Groundwater Protection Standard

* - Groundwater Protection Standard

J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limit

B - Indicates that the amount detected in the method blank was greater than the Method Detection Limit

SWSL - Solid Waste Section Limit

Table 3B
Detected Groundwater Constituents - VOCs
North Wake Lined Landfill

Monitor Well	Sample Date	Acetone	2-Butanone (MEK)	Carbon Disulfide	Chloroform	Chloromethane	4,4'-DDT	Cis-1,2-Dichloroethene	1, 1-Dichloroethane	Endosulfan I	Methylene Chloride	Tetrachloroethene	Toluene	Trichlorofluoromethane
NC2L		**700**	**4200**	**700**	**70**	**2.6**	**0.1**	**70**	**70**	**NE**	**4.6**	**0.7**	**1000**	**2100**
SWSL		**100**	**100**	**100**	**5**	**1**	**0**	**5**	**5**	**NE**	**1**	**1**	**1**	**1**
MW-11	7-Nov-07					0.4J								
MW-11	15-May-08													
MW-11	10-Nov-08				0.12J									
MW-11D	7-Nov-07				0.3J	0.2J								
MW-11D	15-May-08				0.31J		0.0297J			0.0096J				
MW-11D	10-Nov-08				0.22J									
MW-12	7-Nov-07	2.5J	2.9J			0.3J								
MW-12	14-May-08													
MW-12	4-Nov-08										0.31J			
MW-12D	7-Nov-07													
MW-12D	14-May-08				0.12J									
MW-12D	5-Nov-08										0.34J			
MW-13	7-Nov-07		1.6J		0.2J									
MW-13	13-May-08				0.24J									
MW-13	4-Nov-08				0.15J						0.40J			
MW-14	7-Nov-07		1.4J		0.2J							0.2J		
MW-14	13-May-08				0.25J				0.09J			0.13J		
MW-14	4-Nov-08				0.18J							0.13J		
MW-15	7-Nov-07		1.8J			0.3J								
MW-15	13-May-08													
MW-15	3-Nov-08										0.25J			
MW-15D	7-Nov-07		2.4J			0.3J								
MW-15D	13-May-08			0.11J										
MW-15D	5-Nov-08										0.42J			
MW-15D (dup)	5-Nov-08													
MW-16	7-Nov-07		1.3J											
MW-16	13-May-08	4.91J											0.22J	
MW-16	4-Nov-08	3.33J									0.31J			
MW-17	7-Nov-07		4.8J			0.4J								
MW-17	13-May-08													
MW-17	3-Nov-08													
MW-17D	7-Nov-07					1.5J								
MW-17D	13-May-08													
MW-17D	5-Nov-08										1.35			
MW-18	7-Nov-07		1.8J		0.2J									
MW-18	13-May-08				0.21J									
MW-18	3-Nov-08				0.22J									
MW-19	7-Nov-07		2.2J			0.3J								
MW-19	14-May-08				0.16J							0.12J		
MW-19	5-Nov-08				0.14J						0.33J			
MW-20	7-Nov-07	1.7J	1.7J						0.4J		0.2J	0.5J		0.2J
MW-20	14-May-08				0.17J			0.11J	0.45J			0.58J		
MW-20	5-Nov-08				0.14J				0.31J		0.29J	0.38J		
MW-21	7-Nov-07	1.5J	1.4J											
MW-21	14-May-08				0.14J									
MW-21 (dup)	14-May-08													
MW-21	5-Nov-08										0.25J			
MW-25	7-Nov-07	1.6J	1.4J											
MW-25	14-May-08													
MW-25	5-Nov-08													
MW-25D	7-Nov-07	2.1J	2.2J			0.2J								
MW-25D	14-May-08				0.16J									
MW-25D	5-Nov-08										0.23J			
MW-26	7-Nov-07	4.9J	3.6J			0.3J								
MW-26	14-May-08													
MW-26	5-Nov-08										1.06			

Notes: DUP - Duplicate samples results; D - Deep well

All units are in micrograms per liter (parts per billion).

- Indicates results below detection limits

- Concentrations exceeds N.C. Groundwater Standards (2L) or Groundwater Protection Standard

* - Groundwater Protection Standard

NE - Not Established

J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limit

B - Indicates that the amount detected in the method blank was greater than the Method Detection Limit

SWSL - Solid Waste Section Limit

Table 3C
Detected Surface Water Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2B		**NS**	**0.05**	**NS**	**0.0065**	**0.002**	**0.05**	**NS**	**0.007***	**0.025**	**0.088**	**0.005**	**0.00006**	**NS**	**NS**	**0.05***
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
SW-4	31-Oct-95						0.013	0.012		0.018						
SW-4	28-Dec-96			0.013				0.002								
SW-4	21-Apr-97															
SW-4	3-Nov-97															
SW-4	11-May-98															
SW-4	23-Nov-98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
SW-4	14-Apr-99															
SW-4	30-Nov-99															
SW-4	5-Apr-00															
SW-4	15-Dec-00															
SW-4	17-Apr-01															
SW-4	29-Nov-01															
SW-4	3-Apr-02															
SW-4	6-Nov-02															
SW-4	15-Apr-03															
SW-4	30-Oct-03															
SW-4	7-Apr-04															
SW-4	18-Nov-04					0.001	0.011	0.015								
SW-4	21-Apr-05															
SW-4	11-Nov-05					0.001										
SW-4	13-Apr-06															
SW-4	8-Nov-06															
SW-4	20-Apr-07															0.025
SW-4	7-Nov-07															
SW-4	14-May-08			0.0218J			0.00328J		0.00481J	0.00551J						0.00512J
SW-4	4-Nov-08			0.0237J		0.00015J	0.0022J		0.00611J				0.00141JB			0.00636J

Table 3C
Detected Surface Water Constituents - Metals
North Wake Lined Landfill

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
NC2B		**NS**	**0.05**	**NS**	**0.0065**	**0.002**	**0.05**	**NS**	**0.007***	**0.025**	**0.088**	**0.005**	**0.00006**	**NS**	**NS**	**0.05***
SWSL		**0.006**	**0.010**	**0.1**	**0.001**	**0.001**	**0.01**	**0.01**	**0.01**	**0.01**	**0.05**	**0.01**	**0.01**	**0.0055**	**0.025**	**0.01**
SW-5	31-Oct-95						0.012									
SW-5	27-Nov-96			0.044				0.002								0.012
SW-5	21-Apr-97															
SW-5	1-Nov-97															0.042
SW-5	11-May-98															
SW-5	23-Nov-98															
SW-5	14-Apr-99															
SW-5	30-Nov-99															
SW-5	6-Apr-00															
SW-5	15-Dec-00															
SW-5	17-Apr-01															
SW-5	29-Nov-01															
SW-5	3-Apr-02					0.001										
SW-5	6-Nov-02					0.001										
SW-5	15-Apr-03					0.001										
SW-5	29-Oct-03					0.001										
SW-5	8-Apr-04															
SW-5	18-Nov-04															
SW-5	21-Apr-05	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	11-Nov-05	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	13-Apr-06	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	8-Nov-06															
SW-5	20-Apr-07	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	7-Nov-07	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry	dry
SW-5	13-May-08		0.00279J	0.203		0.00021J	0.0452	0.0127	**0.0487**	**0.0382**	0.0137J	**0.0237**			0.116	0.0803
SW-5	3-Nov-08			0.0458J			0.0016J		0.00203J				0.00096JB			
SW-6	30-Nov-99															
SW-6	5-Apr-00															
SW-6	15-Dec-00															
SW-6	18-Apr-01															
SW-6	29-Nov-01															
SW-6	4-Apr-02															
SW-6	5-Nov-02															
SW-6	16-Apr-03															
SW-6	30-Oct-03															
SW-6	7-Apr-04													0.011		
SW-6	18-Nov-04															
SW-6	21-Apr-05															
SW-6	11-Nov-05															
SW-6	13-Apr-06															
SW-6	8-Nov-06															
SW-6	20-Apr-07															
SW-6	7-Nov-07															
SW-6	14-May-08			0.0488J			0.00441J		0.00721J	0.00671J						0.00576J
SW-6	5-Nov-08			0.0203J					0.00330J				0.00118JB			

Notes: DUP - Duplicate samples results; D - Deep well

All units are in milligrams per liter (parts per million).

- Indicates results below detection limits

- Concentrations exceeds N.C. Surface Water Standards for Class C Waters

* - Action level

J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limit

B - Indicates that the amount detected in the method blank was greater than the Method Detection Limit

SWSL - Solid Waste Section Limit

Table 3D
Detected Surface Water Constituents - VOCs
North Wake Lined Landfill

Monitor Well	Sample Date	Acetone	Bromodichloromethane	Bromoform	2-Butanone (MEK)	Carbon Disulfide	Chloroform	Chloromethane	Dibromochloromethane	Cis-1,2-Dichloroethene	1, 1-Dichloroethane	Methylene Chloride	Tetrachloroethene	Toluene	Trichlorofluoromethane
NC2B		**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**NS**	**10.8**	**11**	**NS**
SWSL		**100**	**1**	**3**	**100**	**100**	**5**	**1**	**1**	**5**	**5**	**1**	**1**	**1**	**1**
SW-4	7-Nov-07				1.3J										
SW-4	14-May-08														
SW-4	4-Nov-08														
SW-5	7-Nov-07														
SW-5	13-May-08	7.75J													
SW-5	3-Nov-08														
SW-6	7-Nov-07	2.7J			3.1J			0.3J							
SW-6	14-May-08	3.36J	0.27J	0.38J					0.31J					0.12J	
SW-6	5-Nov-08											0.38J			

Notes: DUP - Duplicate samples results; D - Deep well

All units are in milligrams per liter (parts per million).

- Indicates results below detection limits

- Concentrations exceeds N.C. Surface Water Standards for Class C Waters

* - Action level

J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limit

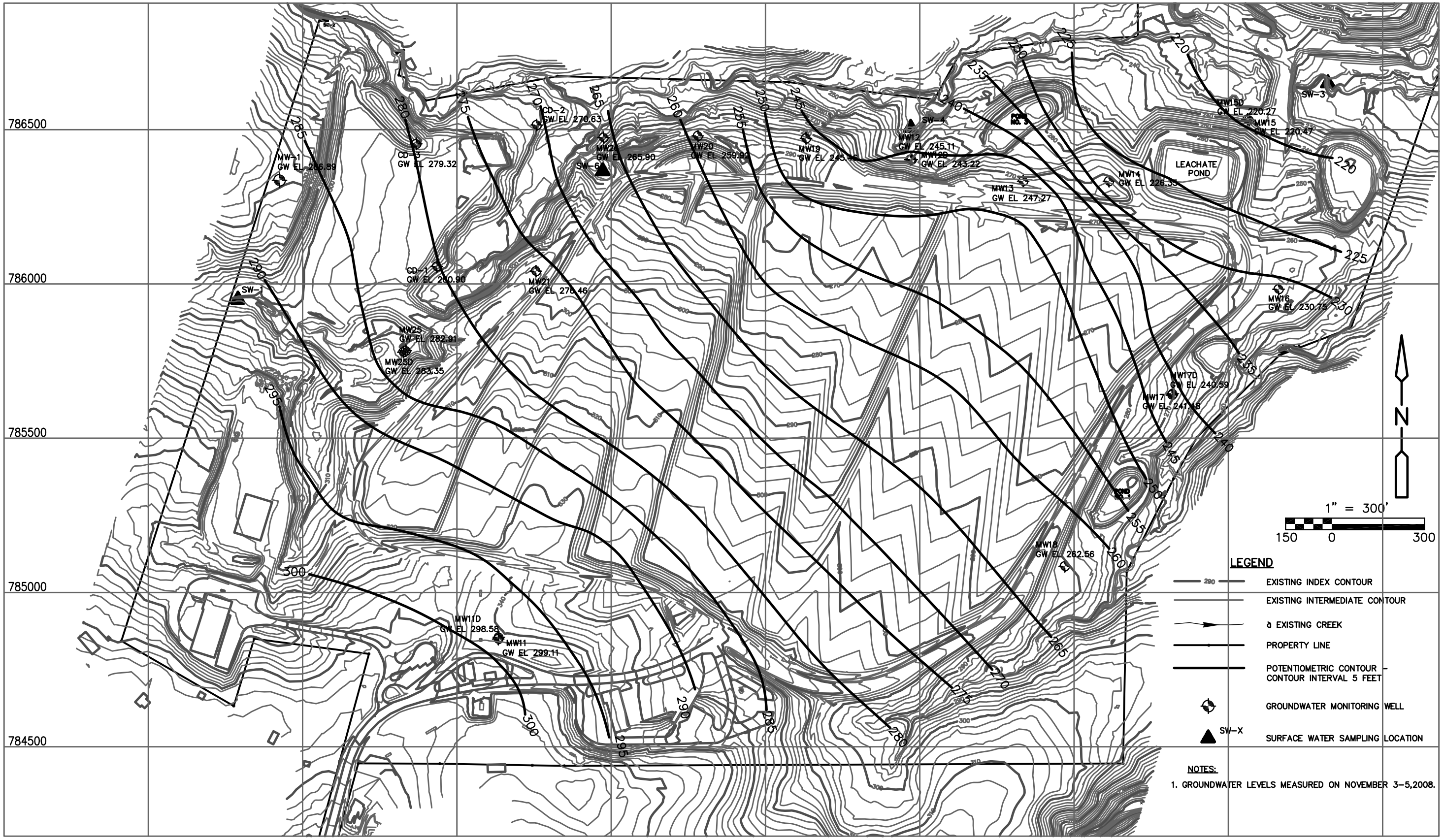
B - Indicates that the amount detected in the method blank was greater than the Method Detection Limit

SWSL - Solid Waste Section Limit

Table 4
Statistically Significant Constituents Over Background
North Wake Lined Landfill

WELL	NOVEMBER 2008 PARAMETERS STATISTICALLY OVER BACKGROUND	NOVEMBER 2008 PARAMETERS EXCEEDING NC 2L STANDARD
MW-11	Designated Background Well	None
MW-11D	Designated Background Well	Vanadium*#
MW-12	None	Vanadium*#
MW-12D	None	Beryllium*
MW-13	Chromium	Vanadium*#
MW-14	None	None
MW-15	None	Vanadium*#
MW-15D	None	None
MW-16	Chromium	Vanadium*
MW-17	None	Beryllium*
MW-17D	None	None
MW-18	None	None
MW-19	None	None
MW-20	None	Vanadium*#
MW-21	None	None
MW-25	None	None
MW-25D	None	Chromium, Vanadium*#
MW-26	None	Beryllium*

Notes:
* - Exceeds Groundwater Protection Standard
# - "J" value



CDM Camp Dresser & McKee

Figure No.1
NORTH WAKE LINED LANDFILL
POTENTIOMETRIC CONTOUR MAP

Dan Forbes
Camp, Dresser & McKee
5400 Glenwood Avenue
Raleigh, NC 27612

Report Number: G175-671

Client Project: N. Wake Subtitle D Landfill

Dear Dan Forbes,

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS Environmental Services at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS Environmental Services, Inc.

Ashley Nifong 11/17/08

Project Manager Date
Ashley Nifong

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

P/D = Detected, but RPD is > 25/40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-18
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-1A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 14:45
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	**0.220**	5.00	0.0790	1	11/11/2008	J
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/11/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-18
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-1A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 14:45
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	9.85	98
4-Bromofluorobenzene	10	9.94	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-5
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-3A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 15:05
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/11/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-5
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-3A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 15:05
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	9.71	97
4-Bromofluorobenzene	10	9.7	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-4A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 15:30
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	**0.250**	1.00	0.0980	1	11/11/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-4A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 15:30
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	9.84	98
4-Bromofluorobenzene	10	9.94	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-5A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 15:40
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/11/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-5A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/3/2008 15:40
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.8	98
4-Bromofluorobenzene	10	9.95	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: EQ-Blank
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-6A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/4/2008 8:50
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/11/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	**0.110**	1.00	0.0760	1	11/11/2008	J
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: EQ-Blank
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-6A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/4/2008 8:50
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.9	99
4-Bromofluorobenzene	10	9.84	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-14
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-7A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/4/2008 15:15
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	**0.180**	5.00	0.0790	1	11/11/2008	J
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/11/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	**0.130**	1.00	0.0690	1	11/11/2008	J
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-14
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-7A
Lab Project ID: G175-671

Analyzed By: MJC
Date Collected: 11/4/2008 15:15
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	9.86	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-4
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-8A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 16:30
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/11/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-4
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-8A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 16:30
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.84	98
Toluene-d8	10	9.84	98
4-Bromofluorobenzene	10	9.77	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-9A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 16:45
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	**0.310**	1.00	0.0980	1	11/11/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-9A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 16:45
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.86	99
Toluene-d8	10	9.86	99
4-Bromofluorobenzene	10	9.92	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-13
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-11A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 16:55
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/11/2008	
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	**0.150**	5.00	0.0790	1	11/11/2008	J
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	**0.400**	1.00	0.0980	1	11/11/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-13
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-11A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 16:55
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	9.76	98
4-Bromofluorobenzene	10	9.76	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-16
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-12A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 17:10
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**3.33**	100	2.18	1	11/11/2008	J
Acetonitrile	BQL	55.0	2.58	1	11/11/2008	
Acrylonitrile	BQL	200	2.93	1	11/11/2008	
Benzene	BQL	1.00	0.0650	1	11/11/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/11/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/11/2008	
Bromoform	BQL	3.00	0.120	1	11/11/2008	
Bromomethane	BQL	10.0	0.133	1	11/11/2008	
2-butanone	BQL	100	0.544	1	11/11/2008	
Carbon disulfide	BQL	100	0.0690	1	11/11/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/11/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/11/2008	
Chloroethane	BQL	10.0	0.106	1	11/11/2008	
Chloroform	BQL	5.00	0.0790	1	11/11/2008	
Chloromethane	BQL	1.00	0.146	1	11/11/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/11/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/11/2008	
Dibromomethane	BQL	10.0	0.113	1	11/11/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/11/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/11/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/11/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/11/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/11/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/11/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/11/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/11/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/11/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/11/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/11/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/11/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/11/2008	
2-hexanone	BQL	50.0	0.720	1	11/11/2008	
Iodomethane	BQL	10.0	0.0420	1	11/11/2008	
Methylene chloride	**0.310**	1.00	0.0980	1	11/11/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/11/2008	
Styrene	BQL	1.00	0.0850	1	11/11/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/11/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/11/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/11/2008	
Toluene	BQL	1.00	0.0760	1	11/11/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/11/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/11/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/11/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-16
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-12A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/4/2008 17:10
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/11/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/11/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/11/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/11/2008	
Total Xylene	BQL	5.00	0.0650	1	11/11/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	9.94	99
4-Bromofluorobenzene	10	9.8	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-14A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 8:10
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/12/2008	
Acetonitrile	BQL	55.0	2.58	1	11/12/2008	
Acrylonitrile	BQL	200	2.93	1	11/12/2008	
Benzene	BQL	1.00	0.0650	1	11/12/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/12/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/12/2008	
Bromoform	BQL	3.00	0.120	1	11/12/2008	
Bromomethane	BQL	10.0	0.133	1	11/12/2008	
2-butanone	BQL	100	0.544	1	11/12/2008	
Carbon disulfide	BQL	100	0.0690	1	11/12/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/12/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/12/2008	
Chloroethane	BQL	10.0	0.106	1	11/12/2008	
Chloroform	BQL	5.00	0.0790	1	11/12/2008	
Chloromethane	BQL	1.00	0.146	1	11/12/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/12/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/12/2008	
Dibromomethane	BQL	10.0	0.113	1	11/12/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/12/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/12/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/12/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/12/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/12/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/12/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/12/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/12/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/12/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/12/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/12/2008	
2-hexanone	BQL	50.0	0.720	1	11/12/2008	
Iodomethane	BQL	10.0	0.0420	1	11/12/2008	
Methylene chloride	**0.340**	1.00	0.0980	1	11/12/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/12/2008	
Styrene	BQL	1.00	0.0850	1	11/12/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/12/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/12/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/12/2008	
Toluene	BQL	1.00	0.0760	1	11/12/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/12/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/12/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/12/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-14A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 8:10
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/12/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/12/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/12/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/12/2008	
Total Xylene	BQL	5.00	0.0650	1	11/12/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.87	89
Toluene-d8	10	9.61	96
4-Bromofluorobenzene	10	9.53	95

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-6
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-15A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 9:25
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/12/2008	
Acetonitrile	BQL	55.0	2.58	1	11/12/2008	
Acrylonitrile	BQL	200	2.93	1	11/12/2008	
Benzene	BQL	1.00	0.0650	1	11/12/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/12/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/12/2008	
Bromoform	BQL	3.00	0.120	1	11/12/2008	
Bromomethane	BQL	10.0	0.133	1	11/12/2008	
2-butanone	BQL	100	0.544	1	11/12/2008	
Carbon disulfide	BQL	100	0.0690	1	11/12/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/12/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/12/2008	
Chloroethane	BQL	10.0	0.106	1	11/12/2008	
Chloroform	BQL	5.00	0.0790	1	11/12/2008	
Chloromethane	BQL	1.00	0.146	1	11/12/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/12/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/12/2008	
Dibromomethane	BQL	10.0	0.113	1	11/12/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/12/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/12/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/12/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/12/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/12/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/12/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/12/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/12/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/12/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/12/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/12/2008	
2-hexanone	BQL	50.0	0.720	1	11/12/2008	
Iodomethane	BQL	10.0	0.0420	1	11/12/2008	
Methylene chloride	**0.380**	1.00	0.0980	1	11/12/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/12/2008	
Styrene	BQL	1.00	0.0850	1	11/12/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/12/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/12/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/12/2008	
Toluene	BQL	1.00	0.0760	1	11/12/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/12/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/12/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/12/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-6
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-15A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 9:25
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/12/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/12/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/12/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/12/2008	
Total Xylene	BQL	5.00	0.0650	1	11/12/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.76	88
Toluene-d8	10	9.69	97
4-Bromofluorobenzene	10	9.59	96

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-30
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-16A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 10:00
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/12/2008	
Acetonitrile	BQL	55.0	2.58	1	11/12/2008	
Acrylonitrile	BQL	200	2.93	1	11/12/2008	
Benzene	BQL	1.00	0.0650	1	11/12/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/12/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/12/2008	
Bromoform	BQL	3.00	0.120	1	11/12/2008	
Bromomethane	BQL	10.0	0.133	1	11/12/2008	
2-butanone	BQL	100	0.544	1	11/12/2008	
Carbon disulfide	BQL	100	0.0690	1	11/12/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/12/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/12/2008	
Chloroethane	BQL	10.0	0.106	1	11/12/2008	
Chloroform	BQL	5.00	0.0790	1	11/12/2008	
Chloromethane	BQL	1.00	0.146	1	11/12/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/12/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/12/2008	
Dibromomethane	BQL	10.0	0.113	1	11/12/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/12/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/12/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/12/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/12/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/12/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/12/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/12/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/12/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/12/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/12/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/12/2008	
2-hexanone	BQL	50.0	0.720	1	11/12/2008	
Iodomethane	BQL	10.0	0.0420	1	11/12/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/12/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/12/2008	
Styrene	BQL	1.00	0.0850	1	11/12/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/12/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/12/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/12/2008	
Toluene	BQL	1.00	0.0760	1	11/12/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/12/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/12/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/12/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-30
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-16A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 10:00
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/12/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/12/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/12/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/12/2008	
Total Xylene	BQL	5.00	0.0650	1	11/12/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.72	87
Toluene-d8	10	9.59	96
4-Bromofluorobenzene	10	9.67	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-17A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 10:55
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/12/2008	
Acetonitrile	BQL	55.0	2.58	1	11/12/2008	
Acrylonitrile	BQL	200	2.93	1	11/12/2008	
Benzene	BQL	1.00	0.0650	1	11/12/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/12/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/12/2008	
Bromoform	BQL	3.00	0.120	1	11/12/2008	
Bromomethane	BQL	10.0	0.133	1	11/12/2008	
2-butanone	BQL	100	0.544	1	11/12/2008	
Carbon disulfide	BQL	100	0.0690	1	11/12/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/12/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/12/2008	
Chloroethane	BQL	10.0	0.106	1	11/12/2008	
Chloroform	BQL	5.00	0.0790	1	11/12/2008	
Chloromethane	BQL	1.00	0.146	1	11/12/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/12/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/12/2008	
Dibromomethane	BQL	10.0	0.113	1	11/12/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/12/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/12/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/12/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/12/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/12/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/12/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/12/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/12/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/12/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/12/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/12/2008	
2-hexanone	BQL	50.0	0.720	1	11/12/2008	
Iodomethane	BQL	10.0	0.0420	1	11/12/2008	
Methylene chloride	**0.420**	1.00	0.0980	1	11/12/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/12/2008	
Styrene	BQL	1.00	0.0850	1	11/12/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/12/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/12/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/12/2008	
Toluene	BQL	1.00	0.0760	1	11/12/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/12/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/12/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/12/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-17A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 10:55
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/12/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/12/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/12/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/12/2008	
Total Xylene	BQL	5.00	0.0650	1	11/12/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.78	88
Toluene-d8	10	9.47	95
4-Bromofluorobenzene	10	9.78	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-18A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 11:40
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/12/2008	
Acetonitrile	BQL	55.0	2.58	1	11/12/2008	
Acrylonitrile	BQL	200	2.93	1	11/12/2008	
Benzene	BQL	1.00	0.0650	1	11/12/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/12/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/12/2008	
Bromoform	BQL	3.00	0.120	1	11/12/2008	
Bromomethane	BQL	10.0	0.133	1	11/12/2008	
2-butanone	BQL	100	0.544	1	11/12/2008	
Carbon disulfide	BQL	100	0.0690	1	11/12/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/12/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/12/2008	
Chloroethane	BQL	10.0	0.106	1	11/12/2008	
Chloroform	BQL	5.00	0.0790	1	11/12/2008	
Chloromethane	BQL	1.00	0.146	1	11/12/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/12/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/12/2008	
Dibromomethane	BQL	10.0	0.113	1	11/12/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/12/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/12/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/12/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/12/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/12/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/12/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/12/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/12/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/12/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/12/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/12/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/12/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/12/2008	
2-hexanone	BQL	50.0	0.720	1	11/12/2008	
Iodomethane	BQL	10.0	0.0420	1	11/12/2008	
Methylene chloride	**1.35**	1.00	0.0980	1	11/12/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/12/2008	
Styrene	BQL	1.00	0.0850	1	11/12/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/12/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/12/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/12/2008	
Toluene	BQL	1.00	0.0760	1	11/12/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/12/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/12/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/12/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-18A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 11:40
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/12/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/12/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/12/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/12/2008	
Total Xylene	BQL	5.00	0.0650	1	11/12/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.71	87
Toluene-d8	10	9.4	94
4-Bromofluorobenzene	10	9.57	96

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-20
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-19A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:05
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	**0.140**	5.00	0.0790	1	11/13/2008	J
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	**0.310**	5.00	0.0740	1	11/13/2008	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	**0.290**	1.00	0.0980	1	11/13/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	**0.380**	1.00	0.0690	1	11/13/2008	J
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

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Client Sample ID: MW-20
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-19A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:05
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.33	83
Toluene-d8	10	9.55	96
4-Bromofluorobenzene	10	9.36	94

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-26
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-20A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:25
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	BQL	5.00	0.0790	1	11/13/2008	
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/13/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	**1.06**	1.00	0.0980	1	11/13/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/13/2008	
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-26
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-20A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:25
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.78	88
Toluene-d8	10	9.57	96
4-Bromofluorobenzene	10	9.33	93

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-21
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-21A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:35
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	BQL	5.00	0.0790	1	11/13/2008	
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/13/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	**0.250**	1.00	0.0980	1	11/13/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/13/2008	
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-21
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-21A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:35
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.71	87
Toluene-d8	10	9.36	94
4-Bromofluorobenzene	10	9.47	95

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-22A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:45
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	BQL	5.00	0.0790	1	11/13/2008	
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/13/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	**0.230**	1.00	0.0980	1	11/13/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/13/2008	
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25d
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-22A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:45
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.67	87
Toluene-d8	10	9.6	96
4-Bromofluorobenzene	10	9.7	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-23A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:55
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	BQL	5.00	0.0790	1	11/13/2008	
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/13/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	BQL	1.00	0.0980	1	11/13/2008	
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/13/2008	
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-23A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 14:55
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.56	86
Toluene-d8	10	9.29	93
4-Bromofluorobenzene	10	9.72	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-19
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-24A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 15:05
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	**0.140**	5.00	0.0790	1	11/13/2008	J
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/13/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	**0.330**	1.00	0.0980	1	11/13/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/13/2008	
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-19
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-24A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 15:05
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.44	84
Toluene-d8	10	9.51	95
4-Bromofluorobenzene	10	9.49	95

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-25A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 0:00
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	100	2.18	1	11/13/2008	
Acetonitrile	BQL	55.0	2.58	1	11/13/2008	
Acrylonitrile	BQL	200	2.93	1	11/13/2008	
Benzene	BQL	1.00	0.0650	1	11/13/2008	
Bromochloromethane	BQL	3.00	0.101	1	11/13/2008	
Bromodichloromethane	BQL	1.00	0.0760	1	11/13/2008	
Bromoform	BQL	3.00	0.120	1	11/13/2008	
Bromomethane	BQL	10.0	0.133	1	11/13/2008	
2-butanone	BQL	100	0.544	1	11/13/2008	
Carbon disulfide	BQL	100	0.0690	1	11/13/2008	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/13/2008	
Chlorobenzene	BQL	3.00	0.0820	1	11/13/2008	
Chloroethane	BQL	10.0	0.106	1	11/13/2008	
Chloroform	BQL	5.00	0.0790	1	11/13/2008	
Chloromethane	BQL	1.00	0.146	1	11/13/2008	
Dibromochloromethane	BQL	3.00	0.0900	1	11/13/2008	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/13/2008	
Dibromomethane	BQL	10.0	0.113	1	11/13/2008	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/13/2008	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/13/2008	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/13/2008	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/13/2008	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/13/2008	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/13/2008	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/13/2008	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/13/2008	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/13/2008	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/13/2008	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/13/2008	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/13/2008	
Ethylbenzene	BQL	1.00	0.0770	1	11/13/2008	
2-hexanone	BQL	50.0	0.720	1	11/13/2008	
Iodomethane	BQL	10.0	0.0420	1	11/13/2008	
Methylene chloride	**0.350**	1.00	0.0980	1	11/13/2008	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/13/2008	
Styrene	BQL	1.00	0.0850	1	11/13/2008	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/13/2008	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/13/2008	
Tetrachloroethene	BQL	1.00	0.0690	1	11/13/2008	
Toluene	BQL	1.00	0.0760	1	11/13/2008	
Trichloroethene	BQL	1.00	0.0540	1	11/13/2008	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/13/2008	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/13/2008	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: N. Wake Subtitle D Landfill
Lab Sample ID: G175-671-25A
Lab Project ID: G175-671

Analyzed By: CLP
Date Collected: 11/5/2008 0:00
Date Received: 11/5/2008
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	1.00	0.111	1	11/13/2008	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/13/2008	
Vinyl acetate	BQL	50.0	0.100	1	11/13/2008	
Vinyl chloride	BQL	1.00	0.149	1	11/13/2008	
Total Xylene	BQL	5.00	0.0650	1	11/13/2008	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.47	85
Toluene-d8	10	9.56	96
4-Bromofluorobenzene	10	9.94	99

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Metals

Client Sample ID:	MW-18	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/4/2008 13:45
Lab Sample ID:	G175-671-2	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0207**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00376**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000160**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00498**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00565**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00115**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.00140**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.00495**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	SW-5	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/3/2008 15:05
Lab Sample ID:	G175-671-3	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0458**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00160**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00203**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.000960**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-15	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/3/2008 15:30
Lab Sample ID:	G175-671-4	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0665**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000300**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00449**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00662**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	**0.00960**	0.0500	0.00474	1	MG/L	6010B	11/11/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00201**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.00504**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.00882**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-17	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/3/2008 15:40
Lab Sample ID:	G175-671-5	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0215**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00613**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000160**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00557**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00250**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00144**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	EQ-Blank	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/4/2008 08:50
Lab Sample ID:	G175-671-6	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	BQL	0.100	0.00512	1	MG/L	6010B	11/11/2008	
Beryllium	**0.00251**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	11/11/2008	
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	BQL	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00141**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-14	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/4/2008 15:15
Lab Sample ID:	G175-671-7	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0258**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000370**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00328**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00333**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	**0.00375**	0.0100	0.00358	1	MG/L	6010B	11/11/2008	J
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00116**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.000830**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.00508**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	SW-4	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/4/2008 16:30
Lab Sample ID:	G175-671-8	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0237**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000150**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00220**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00611**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00141**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	**0.00636**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-12	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 07:40
Lab Sample ID:	G175-671-10	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0567**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00244**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000170**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00353**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00684**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00150**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.00585**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.0105**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-13	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/4/2008 16:55
Lab Sample ID:	G175-671-11	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0686**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.0144**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00169**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	**0.00410**	0.0100	0.00358	1	MG/L	6010B	11/11/2008	J
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00140**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.0165**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.0199**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-16	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 07:30
Lab Sample ID:	G175-671-13	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	**0.00216**	0.0100	0.00185	1	MG/L	6010B	11/11/2008	J
Barium	**0.202**	0.100	0.00512	1	MG/L	6010B	11/11/2008	
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000450**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.0105**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	
Cobalt	**0.0133**	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.0179**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	**0.0106**	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	**0.00586**	0.0500	0.00474	1	MG/L	6010B	11/11/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00159**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.0294**	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	**0.136**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-12d	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 08:10
Lab Sample ID:	G175-671-14	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0164**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00474**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000140**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	11/11/2008	
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.0102**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	**0.00409**	0.0100	0.00358	1	MG/L	6010B	11/11/2008	J
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00124**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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METALS.XLS

Results for Metals

Client Sample ID:	SW-6	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 09:25
Lab Sample ID:	G175-671-15	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0203**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	BQL	0.0100	0.00115	1	MG/L	6010B	11/11/2008	
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00330**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00118**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-30	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 10:00
Lab Sample ID:	G175-671-16	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0636**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00377**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	BQL	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.000880**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	**0.00708**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-15d	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 10:55
Lab Sample ID:	G175-671-17	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0636**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00282**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	BQL	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	**0.00394**	0.0100	0.00358	1	MG/L	6010B	11/11/2008	J
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00111**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
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Results for Metals

Client Sample ID:	MW-17d	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 11:40
Lab Sample ID:	G175-671-18	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0438**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00161**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00557**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00216**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00132**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
METALS.XLS

Results for Metals

Client Sample ID:	MW-20	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 14:05
Lab Sample ID:	G175-671-19	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0258**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.000630**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	J
Cadmium	**0.000140**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00317**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.0176**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00105**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.00654**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.00757**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By: _____
METALS.XLS

Results for Metals

Client Sample ID:	MW-26	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 14:25
Lab Sample ID:	G175-671-20	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0193**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00432**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00136**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	**0.00460**	0.0100	0.00315	1	MG/L	6010B	11/11/2008	J
Copper	**0.00679**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00121**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-21	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 14:35
Lab Sample ID:	G175-671-21	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	**0.00185**	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0581**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00112**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00197**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00928**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00126**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	**0.00504**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-25d	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 14:45
Lab Sample ID:	G175-671-22	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0699**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	**0.000630**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.0540**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	
Cobalt	**0.00315**	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.0191**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	
Lead	**0.00668**	0.0100	0.00358	1	MG/L	6010B	11/11/2008	J
Nickel	**0.0302**	0.0500	0.00474	1	MG/L	6010B	11/11/2008	J
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00167**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	**0.00444**	0.0250	0.000467	10	MG/L	6020	11/12/2008	J
Zinc	**0.0200**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-25	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 14:55
Lab Sample ID:	G175-671-23	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12912		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0704**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	BQL	0.00100	0.000247	1	MG/L	6010B	11/11/2008	
Cadmium	BQL	0.00100	0.000134	10	MG/L	6020	11/12/2008	
Chromium	**0.00702**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00403**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00148**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	**0.00516**	0.0100	0.00399	1	MG/L	6010B	11/11/2008	J

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-19	Analyzed By:	PSW
Client Project ID:	N. Wake Subtitle D Landfill	Date Collected:	11/5/2008 15:05
Lab Sample ID:	G175-671-24	Date Received:	11/5/2008
Lab Project ID:	G175-671	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	12914		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00562	1	MG/L	6010B	11/11/2008	
Arsenic	BQL	0.0100	0.00185	1	MG/L	6010B	11/11/2008	
Barium	**0.0124**	0.100	0.00512	1	MG/L	6010B	11/11/2008	J
Beryllium	**0.00154**	0.00100	0.000247	1	MG/L	6010B	11/11/2008	B
Cadmium	**0.000140**	0.00100	0.000134	10	MG/L	6020	11/12/2008	J
Chromium	**0.00389**	0.0100	0.00115	1	MG/L	6010B	11/11/2008	J
Cobalt	BQL	0.0100	0.00315	1	MG/L	6010B	11/11/2008	
Copper	**0.00294**	0.0100	0.00167	1	MG/L	6010B	11/11/2008	J
Lead	BQL	0.0100	0.00358	1	MG/L	6010B	11/11/2008	
Nickel	BQL	0.0500	0.00474	1	MG/L	6010B	11/11/2008	
Selenium	BQL	0.0100	0.00730	1	MG/L	6010B	11/11/2008	
Silver	**0.00155**	0.0100	0.000812	1	MG/L	6010B	11/11/2008	JB
Thallium	BQL	0.00550	0.00521	1	MG/L	6010B	11/12/2008	
Vanadium	BQL	0.0250	0.000467	10	MG/L	6020	11/12/2008	
Zinc	BQL	0.0100	0.00399	1	MG/L	6010B	11/11/2008	

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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(1)

CLIENT: CDM

CONTACT: Dan Forbes PHONE NO: (919) 781-5620

PROJECT: N. Wake Subtitle D Landfill SITE/PWSID#:

REPORTS TO: Dan Forbes E-MAIL: on File FAX NO.: (919) 781-5730

INVOICE TO: Same QUOTE # P.O. NUMBER

SGS Reference: G175-671

PAGE 1 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	App I VOC's	App I Metals								REMARKS
						Preservatives Used	HCl	HNO_3								
						Analysis Required (3)										
	MW-18	11-3-08	1445	W	4	G	3	1								- Report Analytical Results
	SW-5	11-3-08	1505	W	4	G	3	1								according to the solid waste
	MW-15	11-3-08	1530	W	4	G	3	1								Section limits
	MW-17	11-3-08	1540	W	4	G	3	1								- Report "J" values
	EQ-Blank	11-4-08	850	W	4	G	3	1								- Provide electronic deliverable
	MW-14	11-4-08	1515	W	4	G	3	1								- collected MW-18 metals
	SW-4	11-4-08	1630	W	4	G	3	1								on 11-4-08 at 1345
	MW-12	11-4-08	1645	W	4	G	3	1								collect MW-16 metals on 11-5-08
	MW-13	11-4-08	1655	W	4	G	3	1								collect MW-12 metals on 11-5-08
	MW-16	11-4-08	1710	W	4	G	3	1								

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
[signature]	11-5-08	1525	[signature]	11/5/08	15:25
Relinquished By: (2) [signature]	Date 11-5-08	Time 17:45	Received By: [signature]	Date 11/5/8	Time 1745
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: on ice 5.5-5.8°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☒ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

☐ 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

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090423

(1)

CLIENT: CDM

CONTACT: Dan Forors — PHONE NO: (919) 787-5620

PROJECT: N Wake Subtitle D Landfill — SITE/PWSID#:

REPORTS TO: Dan Forors — E-MAIL: on file — FAX NO.: (919) 781-5730

INVOICE TO: Same — QUOTE #

P.O. NUMBER

SGS Reference: 675-671

PAGE 2 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	App I VOC's (3)	App I Metals								REMARKS
						Preservatives Used	HCl	HNO_3								
	MW-12d	11-5-08	810	W	4	G	3	1								- Report Analytical Results according to Solid Waste Section Limits - Report "J" values - Provide Electronic Deliverable
	SW-6	11-5-08	925	W	4	G	3	1								
	MW-30	11-5-08	1000	W	4	G	3	1								
	MW-15d	11-5-08	1055	W	4	G	3	1								
	MW-17d	11-5-08	1140	W	4	G	3	1								
	MW-20	11-5-08	1405	W	4	G	3	1								
	MW-26	11-5-08	1425	W	4	G	3	1								
	MW-21	11-5-08	1435	W	4	G	3	1								
	MW-25d	11-5-08	1445	W	4	G	3	1								
	MW-25	11-5-08	1455	W	4	G	3	1								

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
[signature]	11-5-08	1525	[signature]	11/5/08	15:25
Relinquished By: (2)	**Date**	**Time**	**Received By:**	**Date**	**Time**
[signature]	11/5/08	17:45	[signature]	11/5/08	17:45
Relinquished By: (3)	**Date**	**Time**	**Received By:**	**Date**	**Time**
Relinquished By: (4)	**Date**	**Time**	**Received By:**	**Date**	**Time**

(4)

Shipping Carrier:

Shipping Ticket No:

Special Deliverable Requirements:

Samples Received Cold? (Circle) YES NO

Temperature °C: amb 5.5, 5.8 c

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☒ STD

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

☐ 200 W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301
☐ 5500 Business Drive Wilmington, NC 28405 Tel: (910) 350-1903 Fax: (910) 350-1557
☐ 1270 Greenbrier Street Charleston, WV 25311 Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

SGS

CHAIN OF CUSTODY RECORD
SGS Environmental Services Inc.

Locations Nationwide
- Alaska
- Ohio
- New Jersey
- West Virginia
- Hawaii
- Maryland
- North Carolina

www.us.sgs.com

090425

(1)

CLIENT: CDM

CONTACT: Dan Forbes PHONE NO: (919) 787-5620

PROJECT: N. Wake Subtitle D Landfill SITE/PWSID#:

REPORTS TO: Dan Forbes E-MAIL: on file

FAX NO.: (919) 781-5730

INVOICE TO: Same QUOTE #

P.O. NUMBER

SGS Reference: G175-671

PAGE 3 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	App I VOCs	App I Metals								REMARKS
	Preservatives Used						HCl	HNO_3								
	Analysis Required (3)															
	MW-19	11-5-08	1505	W	4	G	3	1								- Report Analytical Results according to solid waste section limits
	Trip Blank	11-5-08	—	W	2	G	2									- Report "J" values
																- Provide electronic deliverable

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:	Date	Time
[signature]	11-5-08	1525	[signature]	11/5/08	15:25
Relinquished By: (2)	Date	Time	Received By:	Date	Time
[signature]	11/5/08	17:45	[signature]	11/5/08	17:45
Relinquished By: (3)	Date	Time	Received By:	Date	Time
Relinquished By: (4)	Date	Time	Received By:	Date	Time

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: avg 5.8°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☒ STD

N.C. CERTIFICATION #481

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