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	October 20-21, 2009

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	1/11/10 Date	Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA LICENSED SEAL 1651 GEOLOGIST MATHEW F. COLONE

1/11/2010

Revised 01/2007

Wake County,
North Carolina

North Wake Subtitle D Landfill Semi-Annual Sampling Report (October 2009 Sampling Event)

January 2010

Report

CDM

5400 Glenwood Avenue, Suite 300
Raleigh, North Carolina 27612
tel: 919 787-5620
fax: 919 781-5730

January 11, 2010

Ms. Jaclynne Drummond
Solid Waste Section
Division of Waste Management
401 Oberlin Road
Suite 150
Raleigh, North Carolina 27605-1350

Subject: October 2009 Semi-Annual Monitoring Sampling Report
North Wake Lined Landfill
Facility Permit # - 92-09

Dear Ms. Drummond:

CDM, on behalf of Wake County, is submitting one copy of the October 2009 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 2009. 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). 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 October 20-21, 2009 by use of disposable, laboratory decontaminated, Teflon™ bailers. 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 the groundwater velocity 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, and oxidation-reduction potential. 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.

In accordance with Solid Waste Section guidelines the analytical results were reported to the laboratory specific method detection limit (MDL) and are quantifiable at or below Solid Waste Section Limits (SWSLs). All monitoring wells and surface water locations for the Lined Landfill had detections of analytes above the MDL with a majority of the detections below SWSLs. These detections were qualified as estimated or "J" flags. "B" flags, which indicate that the amount detected in the method blank was greater than the MDL, were also reported.

The following list indicates the analytes detected above the MDL at each sampling location: No "J" flag 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 (2B). A complete summary of all detected and estimated concentrations for the October 2009 and previous sampling events is presented on **Table 3**. Copies of the laboratory reports are provided in **Appendix A**.

MW-11 (Background)
Metals: Barium, Beryllium, Chromium, Cobalt, Copper, Lead, Selenium, Vanadium, Zinc
Volatile Organic Compounds: None Detected

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

MW-12
Metals: Copper, Nickel
Volatile Organic Compounds: None Detected

MW-12D
Metals: 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: Cadmium, Copper, Zinc
Volatile Organic Compounds: None Detected

MW-16
Metals: Barium, Copper, Zinc
Volatile Organic Compounds: None Detected

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

MW-17D
Metals: Copper, Zinc
Volatile Organic Compounds: None Detected

MW-18
Metals: Chromium, Copper, Zinc
Volatile Organic Compounds: None Detected

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

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

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

MW-25

Metals:	None Detected
Volatile Organic Compounds:	None Detected

MW-25D

Metals:	Arsenic, Copper
Volatile Organic Compounds:	None Detected

MW-26

Metals:	None Detected
Volatile Organic Compounds:	None Detected

SW-4

Metals:	None Detected
Volatile Organic Compounds:	None Detected

SW-5

Metals:	Vanadium
Volatile Organic Compounds:	None Detected

SW-6

Metals:	Vanadium
Volatile Organic Compounds:	None Detected

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

Antimony:	MW-16
Copper:	SW-4, SW-5, SW-6
Vanadium:	MW-11D, MW-12, MW-12D, MW-13, MW-14, MW-15, MW-15D, MW-16, MW-17D, MW-18, MW-19, MW-20, MW-21, MW-25D

The equipment blank had "J" flag detections of barium, chromium, copper, vanadium, and zinc. The trip blank had detections of bromoform and dibromochloromethane. In addition, toluene was detected in the trip blank as a "J" flag. A blind duplicate sample identified as MW-27 was collected from MW-15D.

CDM

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 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 October 2009 sampling event, chromium was determined to be statistically significant in monitoring well MW-18. This detection is likely naturally occurring as chromium is periodically detected in the background wells. **Table 4** presents a summary of all parameters detected during the October 2009 sampling event that exceeded the 2L 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,

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

cc: Lee Squires, WCSWM
Bob Brossoie, CDM

Table 1
Water Quality Field Parameters - October 2009
North Wake Lined Landfill

	Field Measurements						Groundwater Elevations		
Monitoring Well and Surface Water I.D.	pH (-)	Conductivity (μS)	Temperature (deg. C)	Turbidity [1] (NTU)	DO (mg/L)	ORP (-)	TOC Elevation (feet AMSL)	Depth to Groundwater (feet)	Groundwater Elevation (feet AMSL)
MW-11	5.79	109	16.4	>1,000	6.38	246.0	343.63	44.17	299.46
MW-11 D	5.93	121	16.6	824	6.12	185.9	343.27	44.39	298.88
MW-12	5.80	159	19.0	>1,000	1.79	152.9	262.10	16.94	245.16
MW-12D	5.89	147	18.0	3	2.04	179.2	261.28	17.96	243.32
MW-13	5.98	122	17.3	>1,000	4.24	157.7	270.32	26.72	243.60
MW-14	5.85	134	16.9	402	3.88	230.1	270.56	42.04	228.52
MW-15	5.79	147	17.3	654	1.46	191.8	239.31	19.06	220.25
MW-15D	6.08	153	16.4	10	2.47	192.8	239.32	19.26	220.06
MW-16	6.45	557	16.6	>1,000	1.33	-39.7	266.43	35.88	230.55
MW-17	5.81	107	15.6	>1,000	5.83	481.6	274.29	32.62	241.67
MW-17D	6.09	144	14.8	33	3.01	494.6	273.94	33.16	240.78
MW-18	5.77	119	16.4	>1,000	5.11	185.3	283.01	20.53	262.48
MW-19	5.79	129	16.8	697	3.81	252.2	283.61	38.45	245.16
MW-20	6.11	218	17.9	>1,000	2.71	180.3	290.77	31.00	259.77
MW-21	5.95	107	17.2	751	2.41	247.3	308.67	32.50	276.17
MW-25	5.92	134	17.0	>1,000	2.19	171.3	293.73	11.77	281.96
MW-25d	5.99	106	16.0	217	3.78	209.3	294.34	11.62	282.72
MW-26	6.28	171	16.8	>1,000	1.25	-25.3	275.22	9.66	265.56
SW-4	7.25	126	14.2	7	7.05	247.6			
SW-5	7.23	187	13.6	20	6.70	188.0			
SW-6	6.71	109	13.4	12	18.21	143.9			

NOTES:
[1] - In instances where turbidity was greater than 100 NTU wells were allowed to settle prior to collecting samples.
AMSL - Above Mean Sea Level
TOC - Top of Casing
SW - Surface Water

Table 2
Summary of Calculated Groundwater Flow Velocities
October 2009
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)	0.0247	0.13	1.08E+00
MW-11D	0.509 (1.80E-04)	0.0247	0.05	2.51E-01
MW-12	0.486 (1.71E-04)	0.0274	0.13	1.03E-01
MW-12D	5.24 (1.85E-03)	0.0281	0.05	2.94E+00
MW-13	1.02 (3.60E-04)	0.0257	0.13	2.02E-01
MW-14	2.05 (7.23E-04)	0.0297	0.13	4.69E-01
MW-15	2.54 (8.96E-04)	0.0278	0.25	2.82E-01
MW-15D	1.33 (4.69E-04)	0.0277	0.05	7.36E-01
MW-16	0.00967 (3.41E-06)	0.0258	0.05	4.99E-03
MW-17	1.18 (4.16E-04)	0.0257	0.18	1.68E-01
MW-17D	0.367 (1.29E-04)	0.0258	0.05	1.90E-01
MW-18	6.86 (2.42E-03)	0.0207	0.13	1.09E+00
MW-19	1.40 (4.92E-04)	0.0295	0.08	5.17E-01
MW-20	0.58 (2.06E-04)	0.0245	0.13	1.09E-01
MW-21	1.34 (4.73E-04)	0.0202	0.13	2.08E-01
MW-25	1.40 (4.96E-04)	0.0185	0.15	1.73E-01
MW-25D	0.02 (8.04E-06)	0.0171	0.15	2.28E-03
MW-26	0.72 (2.54E-04)	0.0211	0.13	1.17E-01

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
SW-4	18-Mar-09			0.0192J					0.00461JB				**0.00132JB**		0.00709JB	
SW-4	21-Oct-09			0.034JB			0.0036JB		**0.00798JB**						0.00247J	0.00672JB
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-5	18-Mar-09			0.0448J			0.00493J		**0.0102B**				**0.00086JB**		0.0235JB	0.0265
SW-5	21-Oct-09		0.00579J	0.046JB			0.00378JB		**0.00808JB**						0.00493J	0.0046JB

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-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**			
SW-6	18-Mar-09			0.0221J					0.00601JB				**0.00137JB**	0.00593	0.00469JB	
SW-6	21-Oct-09			0.0356JB			0.00397JB		**0.00763JB**						0.00568J	0.00441JB

Notes:
All units are in milligrams per liter (parts per million)
- Concentration exceeds NC Surface Water Standards for Class C Waters
- Indicates result below detection limits
* - Action Level
J - Indicates the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Reporting Limit (SWSL)
B - Indicates that the amount detected in the method blank was greater than the Method Detection Limit

Table 4
Statistically Significant Constituents Over Background
North Wake Lined Landfill

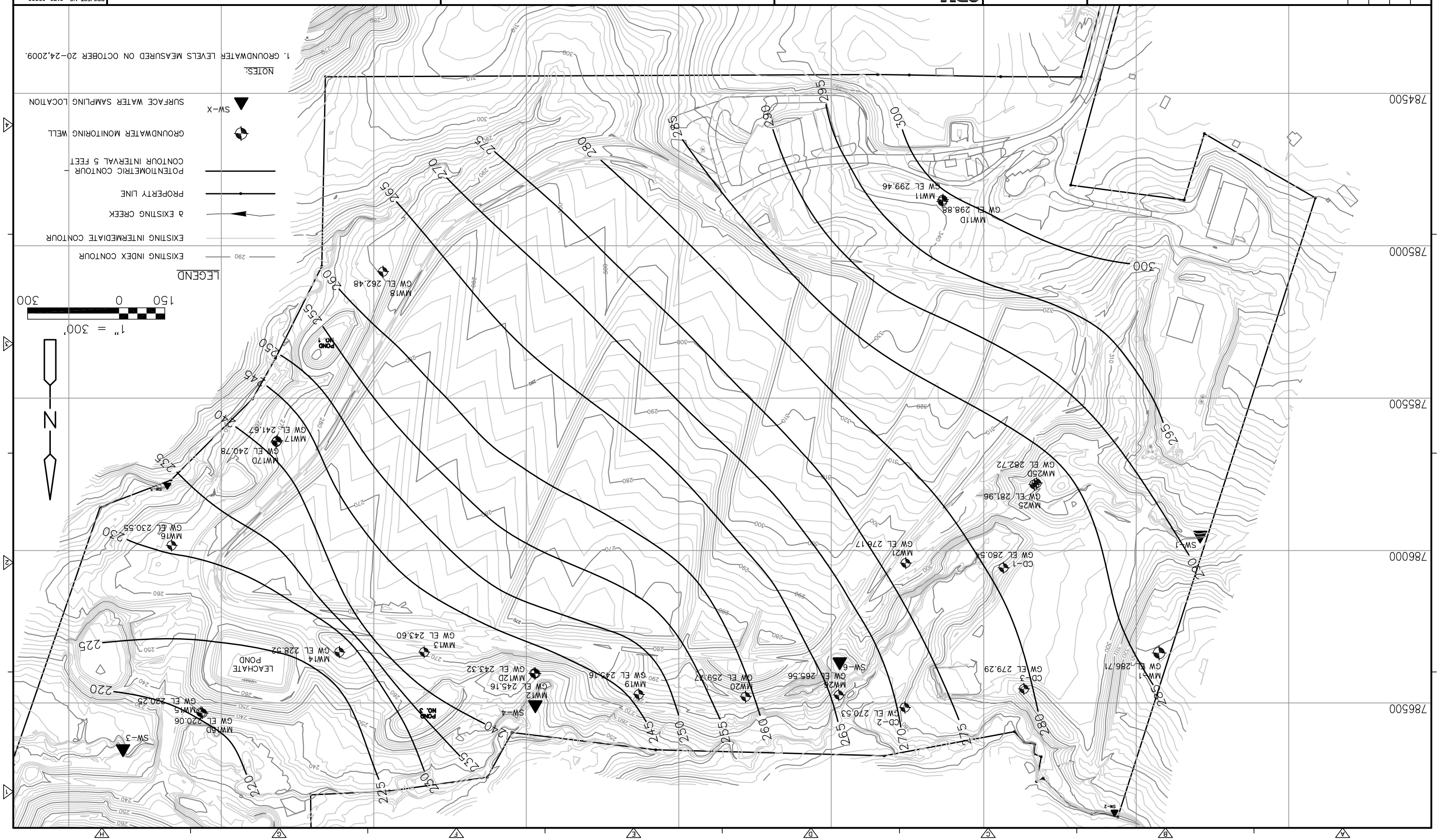
WELL	OCTOBER 2009 PARAMETERS STATISTICALLY OVER BACKGROUND	OCTOBER 2009 PARAMETERS EXCEEDING NC 2L STANDARD
MW-11	Designated Background Well	Chromium, Lead, Vanadium[1]*
MW-11D	Designated Background Well	**Vanadium[1]**
MW-12	None	**Vanadium[1]**
MW-12D	None	**Vanadium[1]**
MW-13	None	Chromium*, Vanadium[1]
MW-14	None	**Vanadium[1]**
MW-15	None	**Vanadium[1]***
MW-15D	None	**Vanadium[1]**
MW-16	None	**Antimony[1]**, **Vanadium[1]**
MW-17	None	None
MW-17D	None	**Vanadium[1]**
MW-18	Chromium	Chromium*, **Vanadium[1]**
MW-19	None	**Vanadium[1]**
MW-20	None	**Vanadium[1]**
MW-21	None	**Vanadium[1]**
MW-25	None	None
MW-25D	None	**Vanadium[1]**
MW-26	None	None

Notes:

[1] - Groundwater Protection Standard

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

Bold - Indicates a "J" flag detection in which the analytical result is an estimated concentration between the Method Detection Limit and the Solid Waste Section Limit (SWSL)



DESIGNED BY: AARON WEISPFENNING
DRAWN BY: AARON WEISPFENNING
SHEET CHK'D BY: MAT COLONE
CROSS CHK'D BY: MAT COLONE
APPROVED BY: MAT COLONE
DATE: DECEMBER 2009

CDM
Camp Dresser & McKee
5400 Glenwood Avenue, Suite 300
Raleigh, NC 27612
Tel: (919) 787-5620 Fax: (919) 781-6730
consulting • engineering • construction • operations

WAKE COUNTY
NORTH CAROLINA

NORTH WAKE LINED LANDFILL

POTENTIOMETRIC CONTOUR MAP

REV. NO.	DATE	DRWN	CHKD	REMARKS

PROJECT NO. 6172-65822
FILE NAME: NW-LINED-F-09

SHEET NO.
1

SGS

Mr. Mat Colone
Camp, Dresser & McKee
5400 Glenwood Avenue
Suite 300
Raleigh NC 27612
Report Number: G175-725

Client Project: N Wake Lined

Dear Mr. Colone:

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 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 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.

4 November 2009

Project Manager
Lori Lockamy

Date

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

D = Detected, but RPD is > 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

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

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.

MI34.021808.4

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-1A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 9:15
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	**0.150**	1.00	0.0650	1	10/31/2009	J
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	**0.420**	1.00	0.0760	1	10/31/2009	J
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-1A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 9:15
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.2	112
Toluene-d8	10	9.67	97
4-Bromofluorobenzene	10	9.83	98

Comments:

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

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-27
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-2A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 9:45
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	**0.150**	1.00	0.0760	1	10/31/2009	J
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-27
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-2A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 9:45
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.6	116
Toluene-d8	10	9.85	98
4-Bromofluorobenzene	10	9.79	98

Comments:

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

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-3A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 10:10
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	**0.140**	1.00	0.0760	1	10/31/2009	J
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-3A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 10:10
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.5	115
Toluene-d8	10	9.34	93
4-Bromofluorobenzene	10	9.62	96

Comments:

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

Analyst: DVO

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-4A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 12:20
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	BQL	1.00	0.0760	1	10/31/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-4A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 12:20
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.6	116
Toluene-d8	10	9.87	99
4-Bromofluorobenzene	10	9.82	98

Comments:

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

Analyst: DVB

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-5A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 12:30
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	BQL	1.00	0.0760	1	10/31/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-12
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-5A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 12:30
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.7	117
Toluene-d8	10	9.86	99
4-Bromofluorobenzene	10	10.1	101

Comments:

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

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: EQ Blank
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-6A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 14:15
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	BQL	1.00	0.0760	1	10/31/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: EQ Blank
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-6A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 14:15
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.92	99
4-Bromofluorobenzene	10	9.9	99

Comments:

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

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-7A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	**3.62**	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	**4.07**	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	**0.0900**	1.00	0.0760	1	10/31/2009	J
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-7A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.1	110
Toluene-d8	10	9.94	99
4-Bromofluorobenzene	10	9.87	99

Comments:

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

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-16
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-8A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 15:30
Date Received: 10/22/2009
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	10/31/2009	
Acetonitrile	BQL	55.0	2.58	1	10/31/2009	
Acrylonitrile	BQL	200	2.93	1	10/31/2009	
Benzene	BQL	1.00	0.0650	1	10/31/2009	
Bromochloromethane	BQL	3.00	0.101	1	10/31/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	10/31/2009	
Bromoform	BQL	3.00	0.120	1	10/31/2009	
Bromomethane	BQL	10.0	0.133	1	10/31/2009	
2-butanone	BQL	100	0.544	1	10/31/2009	
Carbon disulfide	BQL	100	0.0690	1	10/31/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	10/31/2009	
Chlorobenzene	BQL	3.00	0.0820	1	10/31/2009	
Chloroethane	BQL	10.0	0.106	1	10/31/2009	
Chloroform	BQL	5.00	0.0790	1	10/31/2009	
Chloromethane	BQL	1.00	0.146	1	10/31/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	10/31/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	10/31/2009	
Dibromomethane	BQL	10.0	0.113	1	10/31/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	10/31/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	10/31/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	10/31/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	10/31/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	10/31/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	10/31/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	10/31/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	10/31/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	10/31/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	10/31/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	10/31/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	10/31/2009	
Ethylbenzene	BQL	1.00	0.0770	1	10/31/2009	
2-hexanone	BQL	50.0	0.720	1	10/31/2009	
Iodomethane	BQL	10.0	0.0420	1	10/31/2009	
Methylene chloride	BQL	1.00	0.0980	1	10/31/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	10/31/2009	
Styrene	BQL	1.00	0.0850	1	10/31/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	10/31/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	10/31/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	10/31/2009	
Toluene	BQL	1.00	0.0760	1	10/31/2009	
Trichloroethene	BQL	1.00	0.0540	1	10/31/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	10/31/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	10/31/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-16
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-8A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/20/2009 15:30
Date Received: 10/22/2009
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	10/31/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	10/31/2009	
Vinyl acetate	BQL	50.0	0.100	1	10/31/2009	
Vinyl chloride	BQL	1.00	0.149	1	10/31/2009	
Total Xylene	BQL	5.00	0.0650	1	10/31/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.6	116
Toluene-d8	10	9.86	99
4-Bromofluorobenzene	10	9.93	99

Comments:

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

Analyst: DVO

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-13
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-9A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 8:40
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	**0.210**	5.00	0.0790	1	11/2/2009	J
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/2/2009	
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

GCMS.xls
NCAP1

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-13
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-9A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 8:40
Date Received: 10/22/2009
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	11/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.79	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CK

Reviewed By: CBO

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-18
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-10A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 9:00
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	**0.130**	5.00	0.0790	1	11/2/2009	J
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/2/2009	
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-18
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-10A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 9:00
Date Received: 10/22/2009
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	11/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.81	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-20
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-11A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 9:45
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	**0.130**	5.00	0.0790	1	11/2/2009	J
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	**0.290**	5.00	0.0740	1	11/2/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	**0.180**	1.00	0.0980	1	11/2/2009	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	**0.450**	1.00	0.0690	1	11/2/2009	J
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-20
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-11A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 9:45
Date Received: 10/22/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	**0.140**	1.00	0.111	1	11/2/2009	J
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-26
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-12A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 10:05
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	BQL	5.00	0.0790	1	11/2/2009	
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/2/2009	
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-26
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-12A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 10:05
Date Received: 10/22/2009
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	11/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.62	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-6
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-13A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 10:30
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	BQL	5.00	0.0790	1	11/2/2009	
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/2/2009	
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-6
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-13A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 10:30
Date Received: 10/22/2009
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	11/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.92	99
4-Bromofluorobenzene	10	9.58	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-14A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 10:50
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	BQL	5.00	0.0790	1	11/2/2009	
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/2/2009	
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-14A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 10:50
Date Received: 10/22/2009
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	11/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	105
Toluene-d8	10	9.99	100
4-Bromofluorobenzene	10	9.53	95

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-15A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 11:00
Date Received: 10/22/2009
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	11/2/2009	
Acetonitrile	BQL	55.0	2.58	1	11/2/2009	
Acrylonitrile	BQL	200	2.93	1	11/2/2009	
Benzene	BQL	1.00	0.0650	1	11/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/2/2009	
Bromoform	BQL	3.00	0.120	1	11/2/2009	
Bromomethane	BQL	10.0	0.133	1	11/2/2009	
2-butanone	BQL	100	0.544	1	11/2/2009	
Carbon disulfide	BQL	100	0.0690	1	11/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/2/2009	
Chloroethane	BQL	10.0	0.106	1	11/2/2009	
Chloroform	**0.180**	5.00	0.0790	1	11/2/2009	J
Chloromethane	BQL	1.00	0.146	1	11/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/2/2009	
Dibromomethane	BQL	10.0	0.113	1	11/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/2/2009	
2-hexanone	BQL	50.0	0.720	1	11/2/2009	
Iodomethane	BQL	10.0	0.0420	1	11/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/2/2009	
Styrene	BQL	1.00	0.0850	1	11/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/2/2009	
Toluene	BQL	1.00	0.0760	1	11/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/2/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-25d
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-15A
Lab Project ID: G175-725

Analyzed By: DVO
Date Collected: 10/21/2009 11:00
Date Received: 10/22/2009
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	11/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/2/2009	
Total Xylene	BQL	5.00	0.0650	1	11/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.43	94

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-4
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-16A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 11:30
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	BQL	5.00	0.0790	1	11/3/2009	
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/3/2009	
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-4
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-16A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 11:30
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.68	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-17A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 12:00
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	BQL	5.00	0.0790	1	11/3/2009	
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/3/2009	
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-17
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-17A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 12:00
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.37	94

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-5
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-18A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 12:25
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	BQL	5.00	0.0790	1	11/3/2009	
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/3/2009	
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-5
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-18A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 12:25
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10.2	102
4-Bromofluorobenzene	10	9.6	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: KM

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-21
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-19A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 13:00
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	**0.120**	5.00	0.0790	1	11/3/2009	J
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/3/2009	
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-21
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-19A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 13:00
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.53	95

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-19
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-20A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 13:20
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	**0.140**	5.00	0.0790	1	11/3/2009	J
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/3/2009	
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-19
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-20A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 13:20
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	106
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.71	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-14
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-21A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 13:35
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	**0.140**	5.00	0.0790	1	11/3/2009	J
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	**0.140**	1.00	0.0690	1	11/3/2009	J
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-14
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-21A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 13:35
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	9.84	98
Toluene-d8	10	9.7	97
4-Bromofluorobenzene	10	9.72	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-22A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 14:00
Date Received: 10/22/2009
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	11/3/2009	
Acetonitrile	BQL	55.0	2.58	1	11/3/2009	
Acrylonitrile	BQL	200	2.93	1	11/3/2009	
Benzene	BQL	1.00	0.0650	1	11/3/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/3/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/3/2009	
Bromoform	BQL	3.00	0.120	1	11/3/2009	
Bromomethane	BQL	10.0	0.133	1	11/3/2009	
2-butanone	BQL	100	0.544	1	11/3/2009	
Carbon disulfide	BQL	100	0.0690	1	11/3/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/3/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/3/2009	
Chloroethane	BQL	10.0	0.106	1	11/3/2009	
Chloroform	BQL	5.00	0.0790	1	11/3/2009	
Chloromethane	BQL	1.00	0.146	1	11/3/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/3/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/3/2009	
Dibromomethane	BQL	10.0	0.113	1	11/3/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/3/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/3/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/3/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/3/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/3/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/3/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/3/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/3/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/3/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/3/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/3/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/3/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/3/2009	
2-hexanone	BQL	50.0	0.720	1	11/3/2009	
Iodomethane	BQL	10.0	0.0420	1	11/3/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/3/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/3/2009	
Styrene	BQL	1.00	0.0850	1	11/3/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/3/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/3/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/3/2009	
Toluene	BQL	1.00	0.0760	1	11/3/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/3/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/3/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/3/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-15
Client Project ID: N Wake Lined
Lab Sample ID: G175-725-22A
Lab Project ID: G175-725

Analyzed By: CLP
Date Collected: 10/21/2009 14:00
Date Received: 10/22/2009
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	11/3/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/3/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/3/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/3/2009	
Total Xylene	BQL	5.00	0.0650	1	11/3/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	9.51	95

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Metals

Client Sample ID:	MW-17d	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 09:15
Lab Sample ID:	G175-725-1	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	**0.000560**	0.00600	0.000092	10	MG/L	6020	10/29/2009	J
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0383**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	**0.000290**	0.00100	0.000158	10	MG/L	6020	10/29/2009	J
Chromium	**0.00510**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0125**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00662**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.0121**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B

Comments

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

Reviewed By: WJL

METALS.XLS

Results for Metals

Client Sample ID:	MW-27	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 09:45
Lab Sample ID:	G175-725-2	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	**0.00158**	0.00600	0.000092	10	MG/L	6020	10/29/2009	J
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0698**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	**0.00153**	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00895**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0138**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.0108**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.0144**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B

Comments

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

Reviewed By: WW

METALS.XLS

Results for Metals

Client Sample ID:	MW-15d	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 10:10
Lab Sample ID:	G175-725-3	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	**0.00137**	0.00600	0.000092	10	MG/L	6020	10/29/2009	J
Arsenic	**0.00534**	0.0100	0.00491	1	MG/L	6010B	10/27/2009	J
Barium	**0.0685**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	**0.00142**	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00970**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0140**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	**0.00947**	0.0100	0.00679	1	MG/L	6010B	10/27/2009	J
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00596**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.0157**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B

Comments

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

Reviewed By: JNL

METALS.XLS

Results for Metals

Client Sample ID:	MW-12d	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 12:20
Lab Sample ID:	G175-725-4	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0256**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	**0.000220**	0.00100	0.000158	10	MG/L	6020	10/29/2009	J
Chromium	**0.00416**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0210**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00527**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00272**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: [illegible]

METALS.XLS

Results for Metals

Client Sample ID:	MW-12	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 12:30
Lab Sample ID:	G175-725-5	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0573**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	**0.000340**	0.00100	0.000158	10	MG/L	6020	10/29/2009	J
Chromium	**0.00510**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0141**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	**0.00379**	0.0500	0.00236	1	MG/L	6010B	10/27/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.0101**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00912**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: WL

METALS.XLS

Results for Metals

Client Sample ID:	EQ Blank			Analyzed By:	PSW
Client Project ID:	N Wake Lined			Date Collected:	10/20/2009 14:15
Lab Sample ID:	G175-725-6			Date Received:	10/22/2009
Lab Project ID:	G175-725			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15398				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.00774**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00359**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00782**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00192**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00149**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: UL

METALS.XLS

Results for Metals

Client Sample ID:	EQ Blank	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 14:15
Lab Sample ID:	G175-725-6	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:			

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.00774**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00359**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00782**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00192**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00149**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: UK

METALS.XLS

Results for Metals

Client Sample ID:	MW-16	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/20/2009 15:30
Lab Sample ID:	G175-725-8	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	**0.00141**	0.00600	0.000092	10	MG/L	6020	10/29/2009	J
Arsenic	**0.00510**	0.0100	0.00491	1	MG/L	6010B	10/27/2009	J
Barium	**0.169**	0.100	0.00206	1	MG/L	6010B	10/27/2009	B
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00425**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	**0.00283**	0.0100	0.00172	1	MG/L	6010B	10/27/2009	J
Copper	**0.0129**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	**0.00271**	0.0500	0.00236	1	MG/L	6010B	10/27/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.0113**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.0261**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B

Comments

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

Reviewed By: [signature]

METALS.XLS

Results for Metals

Client Sample ID:	MW-13			Analyzed By:	PSW
Client Project ID:	N Wake Lined			Date Collected:	10/21/2009 08:40
Lab Sample ID:	G175-725-9			Date Received:	10/22/2009
Lab Project ID:	G175-725			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15398				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0791**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.0178**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	B
Cobalt	**0.00410**	0.0100	0.00172	1	MG/L	6010B	10/27/2009	J
Copper	**0.00915**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	**0.00728**	0.0500	0.00236	1	MG/L	6010B	10/27/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.0269**	0.0250	0.000586	10	MG/L	6020	10/29/2009	
Zinc	**0.0228**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B

Comments

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

Reviewed By: [signature]

METALS.XLS

Results for Metals

Client Sample ID:	MW-18	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 09:00
Lab Sample ID:	G175-725-10	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	Final Vol:		
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0496**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.0164**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	B
Cobalt	**0.00321**	0.0100	0.00172	1	MG/L	6010B	10/27/2009	J
Copper	**0.0226**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	**0.00509**	0.0500	0.00236	1	MG/L	6010B	10/27/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.0138**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.0132**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B

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 Lined	Date Collected:	10/21/2009 09:45
Lab Sample ID:	G175-725-11	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0293**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00509**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0145**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	**0.00788**	0.0100	0.00679	1	MG/L	6010B	10/27/2009	J
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.0122**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00577**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: USW

METALS.XLS

Results for Metals

Client Sample ID:	MW-26	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 10:05
Lab Sample ID:	G175-725-12	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0253**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00332**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	**0.00721**	0.0100	0.00172	1	MG/L	6010B	10/27/2009	J
Copper	**0.00976**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	**0.00450**	0.0500	0.00236	1	MG/L	6010B	10/27/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00232**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00131**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

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-6			Analyzed By:	PSW
Client Project ID:	N Wake Lined			Date Collected:	10/21/2009 10:30
Lab Sample ID:	G175-725-13			Date Received:	10/22/2009
Lab Project ID:	G175-725			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15398				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0356**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00397**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00763**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00568**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00441**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: UMC

METALS.XLS

Results for Metals

Client Sample ID:	MW-25	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 10:50
Lab Sample ID:	G175-725-14	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0555**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00351**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00776**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00151**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00288**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: [illegible]

METALS.XLS

Results for Metals

Client Sample ID:	MW-25d	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 11:00
Lab Sample ID:	G175-725-15	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	**0.00491**	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0446**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00716**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0121**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00621**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00547**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: UL

METALS.XLS

Results for Metals

Client Sample ID:	SW-4	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 11:30
Lab Sample ID:	G175-725-16	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0340**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00360**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00798**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00247**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00672**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: UH

METALS.XLS

Results for Metals

Client Sample ID:	MW-17	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 12:00
Lab Sample ID:	G175-725-17	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	**0.00577**	0.0100	0.00491	1	MG/L	6010B	10/27/2009	J
Barium	**0.0245**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00453**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00775**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00344**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00259**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

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 Lined	Date Collected:	10/21/2009 12:25
Lab Sample ID:	G175-725-18	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	**0.00579**	0.0100	0.00491	1	MG/L	6010B	10/27/2009	J
Barium	**0.0460**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00378**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00808**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00493**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00460**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: WL

METALS.XLS

Results for Metals

Client Sample ID:	MW-21	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 13:00
Lab Sample ID:	G175-725-19	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0508**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00528**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.0123**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	B
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00725**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00438**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

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-19	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 13:20
Lab Sample ID:	G175-725-20	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.0200**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00557**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00867**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00462**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00349**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

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-14	Analyzed By:	PSW
Client Project ID:	N Wake Lined	Date Collected:	10/21/2009 13:35
Lab Sample ID:	G175-725-21	Date Received:	10/22/2009
Lab Project ID:	G175-725	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15398		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	**0.00532**	0.0100	0.00491	1	MG/L	6010B	10/27/2009	J
Barium	**0.0325**	0.100	0.00206	1	MG/L	6010B	10/27/2009	JB
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00623**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	JB
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00961**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	**0.00875**	0.0250	0.000586	10	MG/L	6020	10/29/2009	J
Zinc	**0.00574**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	JB

Comments

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

Reviewed By: [signature]

METALS.XLS

Results for Metals

Client Sample ID:	Lab Blank			Analyzed By:	PSW
Client Project ID:				Date Collected:	
Lab Sample ID:	pb15398			Date Received:	
Lab Project ID:				Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15398				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/29/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/27/2009	
Barium	**0.00782**	0.100	0.00206	1	MG/L	6010B	10/27/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/29/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/29/2009	
Chromium	**0.00304**	0.0100	0.00146	1	MG/L	6010B	10/27/2009	J
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/27/2009	
Copper	**0.00806**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/27/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/27/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/27/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	10/27/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/29/2009	
Vanadium	BQL	0.0250	0.000586	10	MG/L	6020	10/29/2009	
Zinc	**0.00195**	0.0100	0.00129	1	MG/L	6010B	10/27/2009	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:	Lab Blank			Analyzed By:	PSW
Client Project ID:				Date Collected:	
Lab Sample ID:	pb15387			Date Received:	
Lab Project ID:				Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15387				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.000092	10	MG/L	6020	10/27/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	10/26/2009	
Barium	BQL	0.100	0.00206	1	MG/L	6010B	10/26/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	10/27/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	10/27/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	10/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	10/26/2009	
Copper	**0.00220**	0.0100	0.00129	1	MG/L	6010B	10/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	10/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	10/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	10/26/2009	
Silver	**0.00134**	0.0100	0.000656	1	MG/L	6010B	10/26/2009	J
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	10/27/2009	
Vanadium	**0.00148**	0.0250	0.000586	10	MG/L	6020	10/27/2009	J
Zinc	**0.00751**	0.0100	0.00129	1	MG/L	6010B	10/26/2009	J

Comments

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

Reviewed By: WL

METALS.XLS

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Locations Nationwide
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- West Virginia
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- New York
- Ohio

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(1)

CLIENT: CDM

CONTACT: Mat Colone PHONE NO: 919-325-3500

PROJECT: N Wake Lined SITE/PWSID#:

REPORTS TO: Mat Colone EMAIL: on file

INVOICE TO: Aaron Weispfenning QUOTE #: P.O. #:

SGS Reference #: G175-725

page 1 of 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	App 1 VOC's	App 1 Metals								REMARKS/ LOC ID
	Preservatives Used						HCl	HNO_3								
	Analysis Required (3)															
	MW-17d	10/20/09	915	W	4	G	3	1								- Report results according
	MW-27	10/20/09	945	W	4	G	3	1								to solid waste section
	MW-15d	10/20/09	1010	W	4	G	3	1								reporting limits
	MW-12d	10/20/09	1220	W	4	G	3	1								+ Report "J" values
	MW-12	10/20/09	1230	W	4	G	3	1								- provide edd
	EQ Blank	10/20/09	1415	W	4	G	3	1								in SWS format
	Trip Blank	10/20/09	—	W	2	G	2									
	MW-16	10/20/09	1530	W	4	G	3	1								
	MW-13	10/21/09	840	W	4	G	3	1								
	MW-18	10/21/09	900	W	4	G	3	1								

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
[signature]	10/21/09	1445	Nathan Beaudry
Relinquished By: (2)	Date	Time	Received By:
Nathan Beaudry	10/21/09	1600	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	10/22/09	1000	[signature]

(4)

DOD Project? YES NO

Cooler ID

Special Deliverable Requirements:

Requested Turnaround Time and-or Special Instructions:

Standard turnaround

Samples Received Cold? YES NO

Cooler TB

Temperature°C: 3.4°C.

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

http://www.sgs.com/terms and conditions.htm

White - Retained by Lab
Pink - Retained by Client

N.C. Certification #481

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SGS North America Inc.

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097636

(1)

CLIENT: CDM

CONTACT: Mat Colone PHONE NO:(919) 325-3500

PROJECT: N Wake Lined SITE/PWSID#:

REPORTS TO: Mat Colone FAX NO.:( ) on File

INVOICE TO: Aaron Weispfenning QUOTE #:

P.O. NUMBER:

SGS Reference: G175-725

PAGE 2 OF 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	App 1 VOC's (3)	App 1 Metals								REMARKS
						Preservatives Used	HCl	HNO3								
✓	MW-20	10/21/09	945	W	4	G	3	1								- Report results according
✓	MW-26	10/21/09	1005	W	4	G	3	1								Solid Waste Section report
✓	SW-6	10/21/09	1030	W	4	G	3	1								limits
✓	MW-25	10/21/09	1050	W	4	G	3	1								- Report "J" values
✓	MW-25d	10/21/09	1100	W	4	G	3	1								- Provide edd in
✓	SW-4	10/21/09	1130	W	4	G	3	1								SWS format
✓	MW-17	10/21/09	1200	W	4	G	3	1								
✓	SW-5	10/21/09	1225	W	4	G	3	1								
✓	MW-21	10/21/09	1300	W	4	G	3	1								
✓	MW-19	10/21/09	1320	W	4	G	3	1								

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	10/21/09	1445	[signature]
Relinquished By: (2)	Date	Time	Received By:
Mathew Beaudoin	10/21/09	1600	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:
	10/22/09	1000	[signature]

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature°C: 3.4°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time: ☐ RUSH _____ Date Needed ☒ STD

❑ 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

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(1)

CLIENT: CDM

CONTACT: Mat Colone PHONE NO: 919-325-3500

PROJECT: N Wake Lined SITE/PWSID#:

REPORTS TO: Mat Colone EMAIL: on file

INVOICE TO: Aaron Weisperning QUOTE #: P.O. #:

SGS Reference #: G175-725

page 3 of 3

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	App I VOCs	App I metals								REMARKS/ LOC ID
						Preservatives Used	HCl	HNO_3								
						Analysis Required (3)										
	MW-14	10/21/09	1335	W	4	G	3	1								- Report results according to solid waste section reporting limits
	MW-15	10/21/09	1400	W	4	G	3	1								- Report "J" values
																- Provide edd in SVS format

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	10/21/09	1445	Nathan Beauchamp
Relinquished By: (2)	Date	Time	Received By:
Nathan Beauchamp	10/21/09	1600	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:
	10/22/09	1000	[signature]

(4)

DOD Project? YES NO

Cooler ID _____

Special Deliverable Requirements:

Requested Turnaround Time and-or Special Instructions:

Standard turnaround

Samples Received Cold? (YES) NO

Temperature°C: Cooler 3.1°C. TB _____

Chain of Custody Seal: (Circle)

INTACT BROKEN (ABSENT)

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 550 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

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