Environmental Compliance and Remediation

Babb & Associates, P.A.

June 25, 2010

Mr. Ervin Lane, Hydrogeologist
Field Operations Branch
NC Solid Waste Section
Mail Service Center 1646
Raleigh, North Carolina 27699-1646

Re: 2010 First Semi-Annual Water Quality Monitoring Results
Westside C&D Facility – Permit No. 98-09
Wilson, North Carolina

Dear Ervin:

Babb & Associates, P.A. has completed the 2010 first semi-annual sampling event at the Westside C&D facility in Wilson County, North Carolina. On May 25, 2010, four groundwater monitoring wells were sampled and analyzed for volatile organics by EPA Method 8260 and the eight RCRA metals.

No volatile organic compounds were detected in any of the monitoring wells above the Solid Waste Section Limits (SWSLs). No inorganic compounds were detected in any of the four of the groundwater monitoring wells above the SWSLs. Monitoring well GMW-1 is the upgradient groundwater monitoring well.

No other parameters were detected at concentrations equaling or exceeding the Solid Waste Section Limits in the groundwater samples collected. The groundwater laboratory analytical results and field parameters are summarized on Table 1. The laboratory analytical report, lab data table, and field data sheets are also provided with this report. A site map, showing the monitoring well locations and the shallow potentiometric surface, is provided as Figure 1.

If there are any questions regarding the attached information, please contact the undersigned at (919) 325-0696.

Respectfully,

Babb & Associates, P.A.

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

Gary D. Babb, P.G.
President

Attachments

cc: Mr. Andy Davis, Director
Wilson County Solid Waste

P.O. Box 37697
Raleigh, NC 27627
(919) 325-0696

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).
- 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):

Babb & Associates, P.A.

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

Name: Gary D. Babb Phone: (919) 325-0696

E-mail: gbabb@nc.rr.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Westside C&D Facility	4537 Landfill Road Wilson, NC	98-09	.1600	May 25, 2010

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.

Gary D. Babb, P.G. | Licensed Geologist | (919) 325-0696

Facility Representative Name (Print) | Title | (Area Code) Telephone Number

Gary D. Babb | June 25, 2010 | Affix NC Licensed/ Professional Geologist Seal

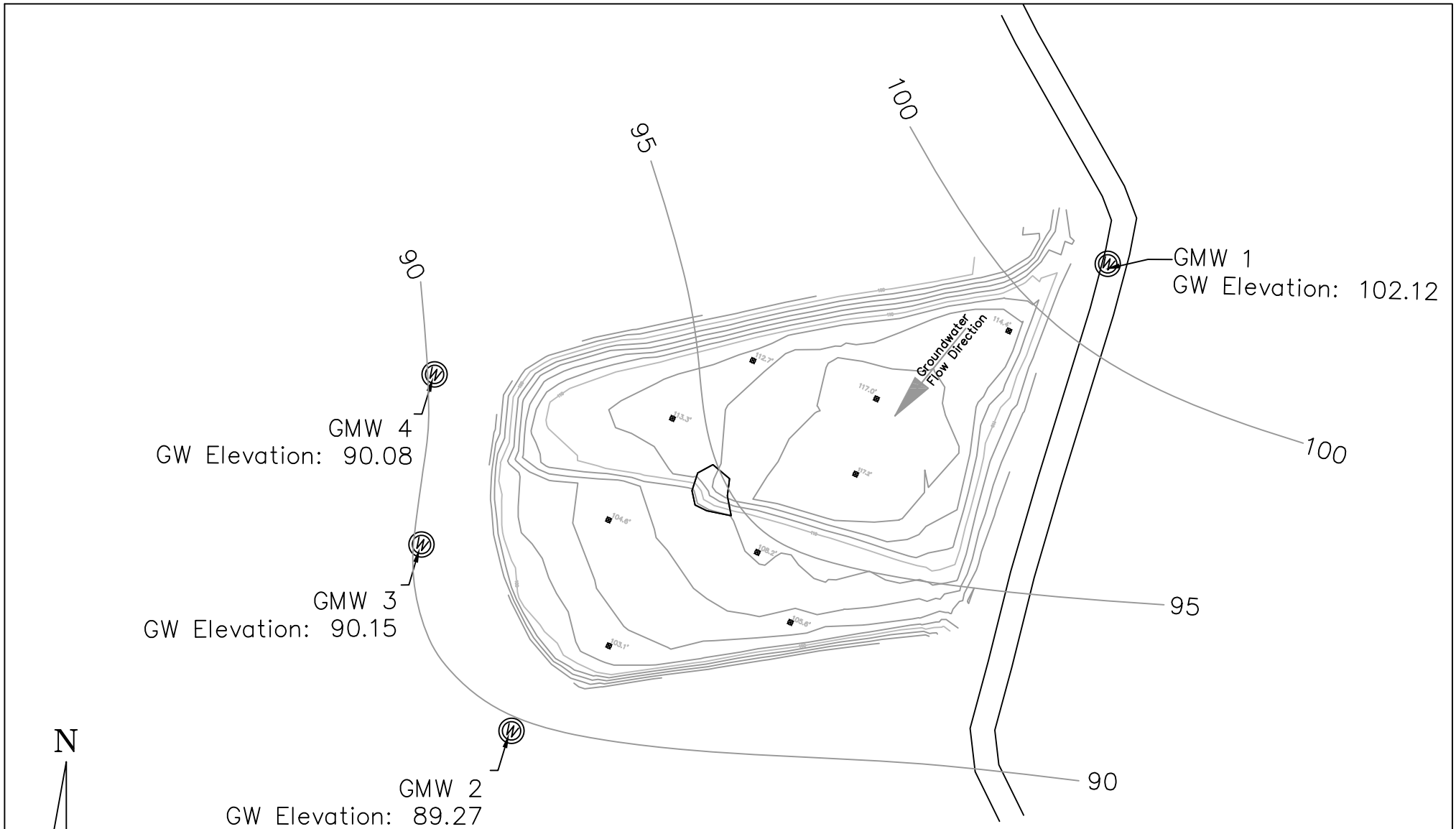
Signature | Date

Babb & Associates, P.A., P.O. Box 37697, Raleigh, NC 27627

Facility Representative Address

NC PE Firm License Number (if applicable effective May 1, 2009)

Revised 6/2008



Babb & Associates, P.A.

TITLE:	FIGURE NO:	SCALE:	PROJECT NO:
SITE MAP Westside C&D Landfill Wilson County Wilson, North Carolina	Figure 1		
	CHECKED BY:	DRAWN BY: G. Babb	DATE: 5/25/10

TABLE 1

May 2010 Groundwater Analytical Results
Westside CDLF Facility
Wilson County, North Carolina
Permit No. 98-09

Parameter	GMW-1	GMW-2	GMW-3	GMW-4	2L Standard
pH	6.6	5.9	5.9	6.3	6.5 - 8.5
Conductivity	166	41	7	111	
Temperature	16.2	19.4	17.6	18.9	
Inorganics (mg/l)					
Arsenic	BQL	BQL	BQL	BQL	0.01
Barium	0.0599 J	0.0633 J	0.0828 J	0.0268 J	0.7
Cadmium	BQL	0.00017 J	0.00037 J	BQL	0.002
Chromium	0.00851 J	0.00222 J	BQL	0.00271 J	0.01
Lead	0.00754 J	BQL	BQL	BQL	0.015
Mercury	BQL	BQL	BQL	BQL	0.001
Selenium	0.00297 J	BQL	BQL	0.00356 J	0.02
Silver	BQL	BQL	BQL	BQL	0.02
8260 volatiles (ug/l)					
1,2-Dichloropropane	BQL	BQL	0.540 J	BQL	0.6

Notes:
Samples collected on May 25, 2010
Inorganic results reported in parts per million
8260 volatile results reported in parts per billion
BQL = Below Laboratory Quanitation Limits
Bold concentrations equal or exceed laboratory quantitation limits
Shaded concentrations equal or exceed established 2L Standards
J - Between MDL and RL
B - Amound in Prep Blank > MDL

SGS

Gary Babb
Babb & Associate
P.O. Box 37697
Raleigh, NC 27627

Report Number: G121-441

Client Project: Wilson Co. C&D

Dear Gary Babb,

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

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

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Lori Lockamy 08 June 2010

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: 9809-GMW-1
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-1A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 7:37
Date Received: 5/26/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	1000	21.8	10	6/7/2010	
Acetonitrile	BQL	550	25.8	10	6/7/2010	
Acrylonitrile	BQL	2000	29.3	10	6/7/2010	
Benzene	BQL	10.0	0.650	10	6/7/2010	
Bromochloromethane	BQL	30.0	1.01	10	6/7/2010	
Bromodichloromethane	BQL	10.0	0.760	10	6/7/2010	
Bromoform	BQL	30.0	1.20	10	6/7/2010	
Bromomethane	BQL	100	1.33	10	6/7/2010	
2-butanone	BQL	1000	5.44	10	6/7/2010	
Carbon disulfide	BQL	1000	0.690	10	6/7/2010	
Carbon tetrachloride	BQL	10.0	0.870	10	6/7/2010	
Chlorobenzene	BQL	30.0	0.820	10	6/7/2010	
Chloroethane	BQL	100	1.06	10	6/7/2010	
Chloroform	BQL	50.0	0.790	10	6/7/2010	
Chloromethane	BQL	10.0	1.46	10	6/7/2010	
Dibromochloromethane	BQL	30.0	0.900	10	6/7/2010	
1,2-Dibromo-3-chloropropane	BQL	130	12.1	10	6/7/2010	
Dibromomethane	BQL	100	1.13	10	6/7/2010	
1,2-Dibromoethane	BQL	10.0	1.24	10	6/7/2010	
1,2-Dichlorobenzene	BQL	50.0	1.27	10	6/7/2010	
1,3-Dichlorobenzene	BQL	50.0	0.810	10	6/7/2010	
1,4-Dichlorobenzene	BQL	50.0	0.790	10	6/7/2010	
t-1,4-Dichloro-2-butene	BQL	505	6.30	10	6/7/2010	
1,1-Dichloroethane	BQL	50.0	0.740	10	6/7/2010	
1,1-Dichloroethene	BQL	50.0	0.890	10	6/7/2010	
1,2-Dichloroethane	BQL	10.0	0.790	10	6/7/2010	
cis-1,2-Dichloroethene	BQL	50.0	0.650	10	6/7/2010	
t-1,2-dichloroethene	BQL	50.0	0.890	10	6/7/2010	
1,2-Dichloropropane	BQL	10.0	0.940	10	6/7/2010	
1,1-Dichloropropene	BQL	50.0	0.720	10	6/7/2010	
cis-1,3-Dichloropropene	BQL	10.0	0.760	10	6/7/2010	
t-1,3-Dichloropropene	BQL	10.0	0.760	10	6/7/2010	
Ethylbenzene	BQL	10.0	0.770	10	6/7/2010	
2-hexanone	BQL	500	7.20	10	6/7/2010	
Iodomethane	BQL	100	0.420	10	6/7/2010	
Methylene chloride	BQL	10.0	0.980	10	6/7/2010	
4-methyl-2-pentanone	BQL	1000	5.50	10	6/7/2010	
Styrene	BQL	10.0	0.850	10	6/7/2010	
1,1,1,2-Tetrachloroethane	BQL	50.0	0.900	10	6/7/2010	
1,1,2,2-Tetrachloroethane	BQL	30.0	1.15	10	6/7/2010	
Tetrachloroethene	BQL	10.0	0.690	10	6/7/2010	
Toluene	BQL	10.0	0.760	10	6/7/2010	
Trichloroethene	BQL	10.0	0.540	10	6/7/2010	
1,1,1-Trichloroethane	BQL	10.0	0.540	10	6/7/2010	
1,1,2-Trichloroethane	BQL	10.0	1.82	10	6/7/2010	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-1
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-1A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 7:37
Date Received: 5/26/2010
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Trichlorofluoromethane	BQL	10.0	1.11	10	6/7/2010	
1,2,3-Trichloropropane	BQL	10.0	1.20	10	6/7/2010	
Vinyl acetate	BQL	500	1.00	10	6/7/2010	
Vinyl chloride	BQL	10.0	1.49	10	6/7/2010	
Total Xylene	BQL	50.0	0.650	10	6/7/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	30	31	103
Toluene-d8	30	28.7	96
4-Bromofluorobenzene	30	28.6	95

Comments:
Diluted for matrix.
Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: DVO for CLP

Reviewed By: DVO

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-2
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-2A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 8:11
Date Received: 5/26/2010
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	6/3/2010	
Acetonitrile	BQL	55.0	2.58	1	6/3/2010	
Acrylonitrile	BQL	200	2.93	1	6/3/2010	
Benzene	BQL	1.00	0.0650	1	6/3/2010	
Bromochloromethane	BQL	3.00	0.101	1	6/3/2010	
Bromodichloromethane	BQL	1.00	0.0760	1	6/3/2010	
Bromoform	BQL	3.00	0.120	1	6/3/2010	
Bromomethane	BQL	10.0	0.133	1	6/3/2010	
2-butanone	BQL	100	0.544	1	6/3/2010	
Carbon disulfide	BQL	100	0.0690	1	6/3/2010	
Carbon tetrachloride	BQL	1.00	0.0870	1	6/3/2010	
Chlorobenzene	BQL	3.00	0.0820	1	6/3/2010	
Chloroethane	BQL	10.0	0.106	1	6/3/2010	
Chloroform	BQL	5.00	0.0790	1	6/3/2010	
Chloromethane	BQL	1.00	0.146	1	6/3/2010	
Dibromochloromethane	BQL	3.00	0.0900	1	6/3/2010	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	6/3/2010	
Dibromomethane	BQL	10.0	0.113	1	6/3/2010	
1,2-Dibromoethane	BQL	1.00	0.124	1	6/3/2010	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	6/3/2010	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	6/3/2010	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	6/3/2010	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	6/3/2010	
1,1-Dichloroethane	BQL	5.00	0.0740	1	6/3/2010	
1,1-Dichloroethene	BQL	5.00	0.0890	1	6/3/2010	
1,2-Dichloroethane	BQL	1.00	0.0790	1	6/3/2010	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	6/3/2010	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	6/3/2010	
1,2-Dichloropropane	BQL	1.00	0.0940	1	6/3/2010	
1,1-Dichloropropene	BQL	5.00	0.0720	1	6/3/2010	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/3/2010	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/3/2010	
Ethylbenzene	BQL	1.00	0.0770	1	6/3/2010	
2-hexanone	BQL	50.0	0.720	1	6/3/2010	
Iodomethane	BQL	10.0	0.0420	1	6/3/2010	
Methylene chloride	BQL	1.00	0.0980	1	6/3/2010	
4-methyl-2-pentanone	BQL	100	0.550	1	6/3/2010	
Styrene	BQL	1.00	0.0850	1	6/3/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	6/3/2010	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	6/3/2010	
Tetrachloroethene	BQL	1.00	0.0690	1	6/3/2010	
Toluene	BQL	1.00	0.0760	1	6/3/2010	
Trichloroethene	BQL	1.00	0.0540	1	6/3/2010	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	6/3/2010	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	6/3/2010	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-2
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-2A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 8:11
Date Received: 5/26/2010
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	6/3/2010	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	6/3/2010	
Vinyl acetate	BQL	50.0	0.100	1	6/3/2010	
Vinyl chloride	BQL	1.00	0.149	1	6/3/2010	
Total Xylene	BQL	5.00	0.0650	1	6/3/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.15	82
Toluene-d8	10	9.92	99
4-Bromofluorobenzene	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-3
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-3A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 8:04
Date Received: 5/26/2010
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	6/4/2010	
Acetonitrile	BQL	55.0	2.58	1	6/4/2010	
Acrylonitrile	BQL	200	2.93	1	6/4/2010	
Benzene	BQL	1.00	0.0650	1	6/4/2010	
Bromochloromethane	BQL	3.00	0.101	1	6/4/2010	
Bromodichloromethane	BQL	1.00	0.0760	1	6/4/2010	
Bromoform	BQL	3.00	0.120	1	6/4/2010	
Bromomethane	BQL	10.0	0.133	1	6/4/2010	
2-butanone	BQL	100	0.544	1	6/4/2010	
Carbon disulfide	BQL	100	0.0690	1	6/4/2010	
Carbon tetrachloride	BQL	1.00	0.0870	1	6/4/2010	
Chlorobenzene	BQL	3.00	0.0820	1	6/4/2010	
Chloroethane	BQL	10.0	0.106	1	6/4/2010	
Chloroform	BQL	5.00	0.0790	1	6/4/2010	
Chloromethane	BQL	1.00	0.146	1	6/4/2010	
Dibromochloromethane	BQL	3.00	0.0900	1	6/4/2010	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	6/4/2010	
Dibromomethane	BQL	10.0	0.113	1	6/4/2010	
1,2-Dibromoethane	BQL	1.00	0.124	1	6/4/2010	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	6/4/2010	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	6/4/2010	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	6/4/2010	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	6/4/2010	
1,1-Dichloroethane	BQL	5.00	0.0740	1	6/4/2010	
1,1-Dichloroethene	BQL	5.00	0.0890	1	6/4/2010	
1,2-Dichloroethane	BQL	1.00	0.0790	1	6/4/2010	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	6/4/2010	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	6/4/2010	
1,2-Dichloropropane	**0.540**	1.00	0.0940	1	6/4/2010	J
1,1-Dichloropropene	BQL	5.00	0.0720	1	6/4/2010	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/4/2010	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/4/2010	
Ethylbenzene	BQL	1.00	0.0770	1	6/4/2010	
2-hexanone	BQL	50.0	0.720	1	6/4/2010	
Iodomethane	BQL	10.0	0.0420	1	6/4/2010	
Methylene chloride	BQL	1.00	0.0980	1	6/4/2010	
4-methyl-2-pentanone	BQL	100	0.550	1	6/4/2010	
Styrene	BQL	1.00	0.0850	1	6/4/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	6/4/2010	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	6/4/2010	
Tetrachloroethene	BQL	1.00	0.0690	1	6/4/2010	
Toluene	BQL	1.00	0.0760	1	6/4/2010	
Trichloroethene	BQL	1.00	0.0540	1	6/4/2010	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	6/4/2010	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	6/4/2010	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-3
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-3A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 8:04
Date Received: 5/26/2010
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	6/4/2010	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	6/4/2010	
Vinyl acetate	BQL	50.0	0.100	1	6/4/2010	
Vinyl chloride	BQL	1.00	0.149	1	6/4/2010	
Total Xylene	BQL	5.00	0.0650	1	6/4/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.65	87
Toluene-d8	10	9.87	99
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-4
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-4A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 7:56
Date Received: 5/26/2010
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	6/4/2010	
Acetonitrile	BQL	55.0	2.58	1	6/4/2010	
Acrylonitrile	BQL	200	2.93	1	6/4/2010	
Benzene	BQL	1.00	0.0650	1	6/4/2010	
Bromochloromethane	BQL	3.00	0.101	1	6/4/2010	
Bromodichloromethane	BQL	1.00	0.0760	1	6/4/2010	
Bromoform	BQL	3.00	0.120	1	6/4/2010	
Bromomethane	BQL	10.0	0.133	1	6/4/2010	
2-butanone	BQL	100	0.544	1	6/4/2010	
Carbon disulfide	BQL	100	0.0690	1	6/4/2010	
Carbon tetrachloride	BQL	1.00	0.0870	1	6/4/2010	
Chlorobenzene	BQL	3.00	0.0820	1	6/4/2010	
Chloroethane	BQL	10.0	0.106	1	6/4/2010	
Chloroform	BQL	5.00	0.0790	1	6/4/2010	
Chloromethane	BQL	1.00	0.146	1	6/4/2010	
Dibromochloromethane	BQL	3.00	0.0900	1	6/4/2010	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	6/4/2010	
Dibromomethane	BQL	10.0	0.113	1	6/4/2010	
1,2-Dibromoethane	BQL	1.00	0.124	1	6/4/2010	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	6/4/2010	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	6/4/2010	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	6/4/2010	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	6/4/2010	
1,1-Dichloroethane	BQL	5.00	0.0740	1	6/4/2010	
1,1-Dichloroethene	BQL	5.00	0.0890	1	6/4/2010	
1,2-Dichloroethane	BQL	1.00	0.0790	1	6/4/2010	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	6/4/2010	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	6/4/2010	
1,2-Dichloropropane	BQL	1.00	0.0940	1	6/4/2010	
1,1-Dichloropropene	BQL	5.00	0.0720	1	6/4/2010	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/4/2010	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/4/2010	
Ethylbenzene	BQL	1.00	0.0770	1	6/4/2010	
2-hexanone	BQL	50.0	0.720	1	6/4/2010	
Iodomethane	BQL	10.0	0.0420	1	6/4/2010	
Methylene chloride	BQL	1.00	0.0980	1	6/4/2010	
4-methyl-2-pentanone	BQL	100	0.550	1	6/4/2010	
Styrene	BQL	1.00	0.0850	1	6/4/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	6/4/2010	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	6/4/2010	
Tetrachloroethene	BQL	1.00	0.0690	1	6/4/2010	
Toluene	BQL	1.00	0.0760	1	6/4/2010	
Trichloroethene	BQL	1.00	0.0540	1	6/4/2010	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	6/4/2010	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	6/4/2010	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-GMW-4
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-4A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010 7:56
Date Received: 5/26/2010
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	6/4/2010	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	6/4/2010	
Vinyl acetate	BQL	50.0	0.100	1	6/4/2010	
Vinyl chloride	BQL	1.00	0.149	1	6/4/2010	
Total Xylene	BQL	5.00	0.0650	1	6/4/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.81	88
Toluene-d8	10	9.94	99
4-Bromofluorobenzene	10	10	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-TB
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-5A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010
Date Received: 5/26/2010
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	6/4/2010	
Acetonitrile	BQL	55.0	2.58	1	6/4/2010	
Acrylonitrile	BQL	200	2.93	1	6/4/2010	
Benzene	BQL	1.00	0.0650	1	6/4/2010	
Bromochloromethane	BQL	3.00	0.101	1	6/4/2010	
Bromodichloromethane	BQL	1.00	0.0760	1	6/4/2010	
Bromoform	BQL	3.00	0.120	1	6/4/2010	
Bromomethane	BQL	10.0	0.133	1	6/4/2010	
2-butanone	BQL	100	0.544	1	6/4/2010	
Carbon disulfide	BQL	100	0.0690	1	6/4/2010	
Carbon tetrachloride	BQL	1.00	0.0870	1	6/4/2010	
Chlorobenzene	BQL	3.00	0.0820	1	6/4/2010	
Chloroethane	BQL	10.0	0.106	1	6/4/2010	
Chloroform	BQL	5.00	0.0790	1	6/4/2010	
Chloromethane	BQL	1.00	0.146	1	6/4/2010	
Dibromochloromethane	BQL	3.00	0.0900	1	6/4/2010	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	6/4/2010	
Dibromomethane	BQL	10.0	0.113	1	6/4/2010	
1,2-Dibromoethane	BQL	1.00	0.124	1	6/4/2010	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	6/4/2010	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	6/4/2010	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	6/4/2010	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	6/4/2010	
1,1-Dichloroethane	BQL	5.00	0.0740	1	6/4/2010	
1,1-Dichloroethene	BQL	5.00	0.0890	1	6/4/2010	
1,2-Dichloroethane	BQL	1.00	0.0790	1	6/4/2010	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	6/4/2010	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	6/4/2010	
1,2-Dichloropropane	BQL	1.00	0.0940	1	6/4/2010	
1,1-Dichloropropene	BQL	5.00	0.0720	1	6/4/2010	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/4/2010	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	6/4/2010	
Ethylbenzene	BQL	1.00	0.0770	1	6/4/2010	
2-hexanone	BQL	50.0	0.720	1	6/4/2010	
Iodomethane	BQL	10.0	0.0420	1	6/4/2010	
Methylene chloride	BQL	1.00	0.0980	1	6/4/2010	
4-methyl-2-pentanone	BQL	100	0.550	1	6/4/2010	
Styrene	BQL	1.00	0.0850	1	6/4/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	6/4/2010	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	6/4/2010	
Tetrachloroethene	BQL	1.00	0.0690	1	6/4/2010	
Toluene	BQL	1.00	0.0760	1	6/4/2010	
Trichloroethene	BQL	1.00	0.0540	1	6/4/2010	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	6/4/2010	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	6/4/2010	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9809-TB
Client Project ID: Wilson Co. C&D
Lab Sample ID: G121-441-5A
Lab Project ID: G121-441

Analyzed By: DVO
Date Collected: 5/25/2010
Date Received: 5/26/2010
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	6/4/2010	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	6/4/2010	
Vinyl acetate	BQL	50.0	0.100	1	6/4/2010	
Vinyl chloride	BQL	1.00	0.149	1	6/4/2010	
Total Xylene	BQL	5.00	0.0650	1	6/4/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	8.71	87
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [signature]

Results for Metals

Client Sample ID:	9809-GMW-1	Analyzed By:	PSW
Client Project ID:	Wilson Co. C&D	Date Collected:	5/25/2010 07:37
Lab Sample ID:	G121-441-1	Date Received:	5/26/2010
Lab Project ID:	G121-441	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	16698 16700		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010C	6/1/2010	
Barium	**0.0599**	0.100	0.00206	1	MG/L	6010C	6/1/2010	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	6/2/2010	
Chromium	**0.00851**	0.0100	0.00146	1	MG/L	6010C	6/1/2010	J
Lead	**0.00754**	0.0100	0.00679	1	MG/L	6010C	6/1/2010	J
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	6/1/2010	
Selenium	**0.00297**	0.0100	0.00278	1	MG/L	6010C	6/1/2010	J
Silver	BQL	0.0100	0.000656	1	MG/L	6010C	6/1/2010	

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:	9809-GMW-2	Analyzed By:	PSW
Client Project ID:	Wilson Co. C&D	Date Collected:	5/25/2010 08:11
Lab Sample ID:	G121-441-2	Date Received:	5/26/2010
Lab Project ID:	G121-441	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	16698 16700		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010C	6/1/2010	
Barium	**0.0633**	0.100	0.00206	1	MG/L	6010C	6/1/2010	J
Cadmium	**0.000170**	0.00100	0.000158	10	MG/L	6020	6/2/2010	J
Chromium	**0.00222**	0.0100	0.00146	1	MG/L	6010C	6/1/2010	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010C	6/1/2010	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	6/1/2010	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010C	6/1/2010	
Silver	BQL	0.0100	0.000656	1	MG/L	6010C	6/1/2010	

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:	9809-GMW-3	Analyzed By:	PSW
Client Project ID:	Wilson Co. C&D	Date Collected:	5/25/2010 08:04
Lab Sample ID:	G121-441-3	Date Received:	5/26/2010
Lab Project ID:	G121-441	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	16698 16700		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010C	6/1/2010	
Barium	**0.0828**	0.100	0.00206	1	MG/L	6010C	6/1/2010	J
Cadmium	**0.000370**	0.00100	0.000158	10	MG/L	6020	6/2/2010	J
Chromium	BQL	0.0100	0.00146	1	MG/L	6010C	6/1/2010	
Lead	BQL	0.0100	0.00679	1	MG/L	6010C	6/1/2010	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	6/1/2010	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010C	6/1/2010	
Silver	BQL	0.0100	0.000656	1	MG/L	6010C	6/1/2010	

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:	9809-GMW-4	Analyzed By:	PSW
Client Project ID:	Wilson Co. C&D	Date Collected:	5/25/2010 07:56
Lab Sample ID:	G121-441-4	Date Received:	5/26/2010
Lab Project ID:	G121-441	Matrix:	WATER
ICP InitWt/Vol:	50 mL Final Vol: 50 mL		
Hg InitWt/Vol:	40 mL Final Vol: 57 mL		
Prep Batch:	16698 16700		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010C	6/1/2010	
Barium	**0.0267**	0.100	0.00206	1	MG/L	6010C	6/1/2010	J
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	6/2/2010	
Chromium	**0.00271**	0.0100	0.00146	1	MG/L	6010C	6/1/2010	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010C	6/1/2010	
Mercury	BQL	0.000285	0.000024	1	MG/L	7470	6/1/2010	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010C	6/1/2010	
Silver	BQL	0.0100	0.000656	1	MG/L	6010C	6/1/2010	

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

Reviewed By: _____
METALS.XLS

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094450

(1)

CLIENT: Babb & Associates

CONTACT: Gary Babb PHONE NO:(919) 325-0696

PROJECT: Wilson Co. LTD SITE/PWSID# :

REPORTS TO: gbabb@nc.rr.com

Babb & Assoc. FAX NO.:( )

INVOICE TO: QUOTE #:

Babb & Assoc. P.O. NUMBER:

SGS Reference: G121-441

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used: HCl, HNO3	Analysis Required (3): App. I 8260, Tot. RCRA Metals	REMARKS
✓	9809-GMW-1	5-25-10	1737	W	4	G	✓	✓	
✓	9809-GMW-2	"	811	"	"	"	✓	✓	
✓	9809-GMW-3	"	804	"	"	"	✓	✓	
✓	9809-GMW-4	"	756	"	"	"	✓	✓	
	9809-TB				2		✓		

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
	5/25/10	1302	
Relinquished By: (2)	Date	Time	Received By:
	5/26/10	1015	
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier: Fedex
Shipping Ticket No: 8707-2019-4668

Samples Received Cold? (Circle) YES NO

Temperature°C: 5.5

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

White - Retained by Lab
Pink - Retained by Client