Environmental Compliance and Remediation

Babb & Associates, P.A.

December 21, 2009

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

Re: 2009 Second Semi-Annual Water Quality Monitoring Results
Wilson County MSWLF
Wilson, North Carolina

Dear Ervin:

Babb & Associates, P.A. has completed the 2009 second semi-annual monitoring event at the Wilson County MSWLF. On November 18, 2009, nine groundwater monitoring wells and five surface water stations were sampled and analyzed for Appendix I parameters. The samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B and inorganic compounds by EPA Method 6010B. Attached is Figure 1 that identifies sample locations and provides the potentiometric surface of the shallow groundwater.

No VOCs were detected at concentrations exceeding Solid Waste Section Limits (SWSL) in any of the nine groundwater monitoring wells. No VOCs were detected at concentrations exceeding the SWSLs in any of the five surface water samples

Inorganic compounds were detected at concentrations exceeding the SWSLs in seven of the nine groundwater monitoring wells (MW-1A, MW-2, MW-3, MW-3A, MW-4, MW-5, and MW-6). The inorganic compounds detected in the nine monitoring wells were below the established 2L Groundwater Standards.

Inorganic compounds were detected above the SWSLs in all five of the surface water samples collected. The compound barium was detected below the establish 2B Surface Water Standard in SW-2, SW-3, and SW-4. The compound cobalt was detected in SW-1, there is no established 2B Surface Water Standard for cobalt. The compound vanadium was detected in all five surface water samples, again there is no 2B Surface Water Standard for vanadium. The compound zinc was detected above the 2B Surface Water Standard in SW-1 and below the 2B Surface Water Standard in SW-5.

No other parameters were detected at concentrations equaling or exceeding laboratory quantitation limits in the groundwater or surface water samples collected.

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

One trip blank was analyzed for volatile organic constituents for QA/QC purposes. The analysis of the trip blank indicated five detectable VOCs which were below the calibration range and above the method detection limits. The compounds, reported with a "J" flag, include bromoform, dibromochloromethane, methylene chloride, toluene, and xylene.

Statistical analysis was performed on five inorganic constituents detected in the groundwater during the 2009 second semi-annual sampling event. Statistically significant evidence of contamination was indicated in monitoring wells MW-3A, MW-4, and MW-5 (barium – 0.274 mg/l, 0.282 mg/l, and 0.636 mg/l, respectively). The reported concentration of barium in these three wells is well below the 2L Groundwater Standard of 2.0 mg/l. The statistical evaluation for the compound cobalt indicates a statistically significance increase at the 5% significance level. The compound cobalt was detected in monitoring well MW-6 only, at a concentration of 0.0222 mg/l. There is no 2L Groundwater Standard for the compound cobalt. The statistical analysis of the other constituents detected during this sampling event (beryllium, vanadium, and zinc) indicates no statistically significant increase in contaminant concentrations. The statistical analysis report is included with this report.

The groundwater and surface water laboratory analytical results are summarized on Tables 1 and 2, respectively. The laboratory analytical report (Excel and adobe acrobat format), statistical analysis, and the site potentiometric map are also included with this report.

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

Respectfully,

Babb & Associates, P.A.

Gary D. Babb

Gary D. Babb, P.G.
President

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

Attachments

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

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)
Wilson County MSWLF	4537 Landfill Road Wilson, NC	98-01	.0500	November 18, 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.

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

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

Gary D. Babb December 12, 2009 Affix NC Licensed Professional Geologist Seal

Signature Date

NORTH CAROLINA LICENSED SEAL 488 GEOLOGIST GARY D. BABB

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)

TABLE 1

2009 Second Semi-Annual Groundwater Laboratory Analytical Results
Wilson County MSWLF
Wilson, North Carolina
Permit #98-01

Parameter	MW-1A	MW-2	MW-3	MW-3A	MW-4	MW-5	MW-6	MW-7	MW-8	2L Std.
Metals (ppm)										
Antimony	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NE
Arsenic	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.05
Barium	**0.179**	0.0670 J	0.0902 J	**0.274**	**0.282**	**0.636**	0.0643 J	0.0973 J	0.0580 J	2.0
Beryllium	BQL	BQL	**0.0019**	BQL	BQL	BQL	**0.00199**	BQL	BQL	NE
Cadmium	BQL	BQL	BQL	BQL	BQL	BQL	0.00059 J	BQL	BQL	0.00175
Chromium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.05
Cobalt	0.00368 J	**0.0201**	BQL	BQL	BQL	BQL	**0.0222**	BQL	0.00299 J	NE
Copper	BQL	0.00404 J	BQL	BQL	0.00130 J	BQL	0.00145 J	0.00151 J	BQL	1.0
Lead	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.015
Nickel	BQL	0.0128 J	BQL	BQL	BQL	0.00278 J	0.0361 J	BQL	BQL	0.10
Selenium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.05
Silver	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.0175
Thallium	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	NE
Vanadium	0.00111 J	**0.00499**	**0.00347**	0.00131 J	0.00199 J	**0.00415**	**0.0102**	0.00140 J	0.00184 J	NE
Zinc	0.00380 J	**0.0281**	0.00702 J	BQL	BQL	BQL	**0.0455**	BQL	0.00667 J	1.05
Method 8260B (ppb)										
Acetone	2.69 J	2.65 J	BQL	BQL	2.49 J	BQL	BQL	BQL	BQL	700
Benzene	BQL	BQL	BQL	BQL	0.110 J	BQL	BQL	BQL	BQL	1.0
Carbon Disulfide	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	700
1,1-Dichloroethane	BQL	BQL	BQL	BQL	0.180 J	BQL	BQL	0.190 J	BQL	700
cis-1,2-Dichloroethene	BQL	BQL	BQL	BQL	0.100 J	BQL	BQL	1.24 J	BQL	70
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	0.120 J	BQL	0.7
Trichloroethene	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	BQL	2.8
Total Xylene	BQL	BQL	BQL	BQL	BQL	0.710 J	BQL	BQL	BQL	530

Notes:
Samples collected on November 18, 2009
BQL - Below laboratory quantitation limit.
Bold concentrations equal or exceed laboratory quantitation limit.
Shaded concentrations equal or exceed established or interim standards.
NE - Not established.
J - Between MDL and RL
B - Amount in Prep Blank > MDL

TABLE 2

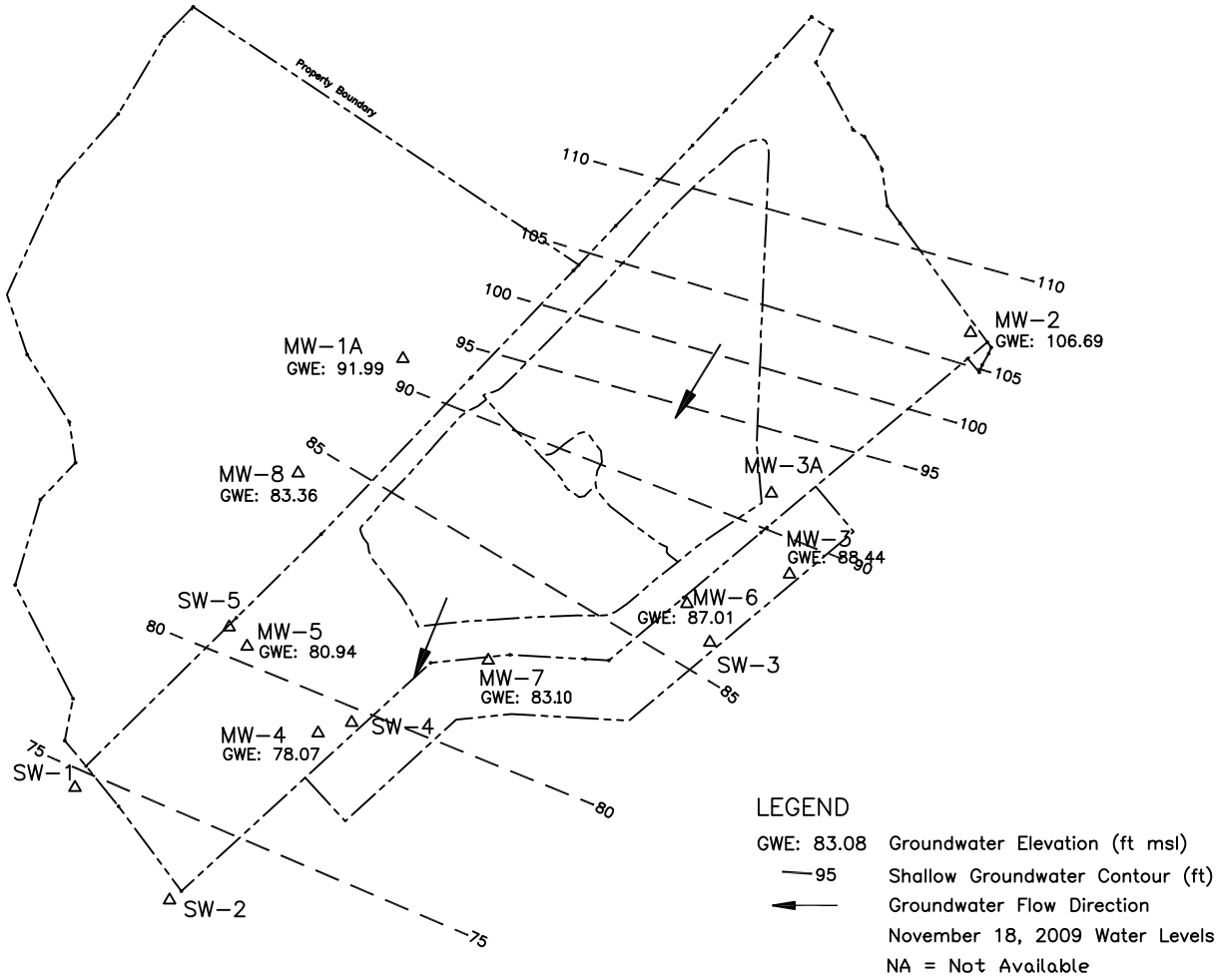
2009 Second Semi-Annual Surface Water Laboratory Analytical Results
Wilson County MSWLF
Wilson, North Carolina
Permit #98-01

Parameter	SW-1	SW-2	SW-3	SW-4	SW-5	2B Std.
Metals (ppm)						
Barium	0.0704 J	**0.103**	**0.101**	**0.0905**	0.0338 J	1.0
Beryllium	BQL	BQL	BQL	BQL	BQL	0.0065
Chromium	BQL	BQL	BQL	BQL	BQL	0.050
Cobalt	**0.0208**	0.00419 J	BQL	BQL	0.00672 J	NE
Copper	0.00269 J	0.00217 J	BQL	BQL	0.00419 J	0.007
Lead	BQL	BQL	BQL	BQL	BQL	0.025
Nickel	0.00250 J	BQL	BQL	BQL	0.00497 J	0.088
Selenium	BQL	BQL	0.00693 J	BQL	BQL	0.005
Silver	BQL	BQL	BQL	BQL	BQL	0.00006
Thallium	BQL	BQL	BQL	BQL	BQL	NE
Vanadium	**0.00525**	**0.00345**	**0.00310**	**0.00256**	**0.00375**	NE
Zinc	**0.110**	0.00989 J	0.00324 J	0.00294 J	**0.0432**	0.050
Method 8260B (ppb)						
Acetone	2.60 J	BQL	BQL	BQL	BQL	NE
Benzene	BQL	BQL	BQL	BQL	BQL	1.190
Chlorobenzene	BQL	BQL	BQL	BQL	BQL	488
1,1-Dichloroethane	BQL	0.250 J	BQL	0.290 J	BQL	NE
cis-1,2-Dichloroethene	BQL	1.65 J	BQL	1.92 J	BQL	NE
Tetrachloroethene	BQL	BQL	BQL	BQL	BQL	0.7
Toluene	BQL	BQL	BQL	BQL	BQL	NE
Trichloroethene	BQL	BQL	BQL	0.140 J	BQL	NE
Vinyl Chloride	BQL	BQL	BQL	BQL	BQL	NE

Notes:
Samples collected on November 18, 2009
BQL - Below laboratory quantitation limit.
Bold concentrations equal or exceed laboratory quantitation limit.
Shaded concentrations equal or exceed established or interim standards.
NE - Not established.
NS - No Sample
J - Between MDL and RL
B - Amount in Prep Blank > MDL

TABLE 3
2009 Second Semi-Annual Field Parameters
Wilson County MSWLF
Wilson, North Carolina
Permit #98-01

Monitoring Well	Sample Date	Sample Time	Conductivity	Temperature - C	pH
MW-1A	11/18/2009	920	529	16.9	5.8
MW-2	11/18/2009	735	226	17.4	5.4
MW-3	11/18/2009	1155	118	15.3	6.9
MW-3A	11/18/2009	1145	572	16.5	6.8
MW-4	11/18/2009	945	847	15.0	6.1
MW-5	11/18/2009	1030	335	15.3	6.1
MW-6	11/18/2009	1205	152	15.1	4.6
MW-7	11/18/2009	1130	151	14.8	6.5
MW-8	11/18/2009	925	413	16.3	5.8
SW-1	11/18/2009	1045	191	13.5	7.6
SW-2	11/18/2009	1015	218	12.4	6.9
SW-3	11/18/2009	1220	184	13.4	5.5
SW-4	11/18/2009	1000	120	12.3	7.2
SW-5	11/18/2009	1100	176	12.5	7.4



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Babb & Associates, P.A.

TITLE:	FIGURE NO:	SCALE:	PROJECT NO:
POTENTIOMETRIC MAP Wilson County Landfill State Road 1503 Wilson, North Carolina	Figure 1	1"=800'	WCLF
	CHECKED BY:	DRAWN BY:	DATE:
		G. Babb	11/18/09

Kruskal-Wallis Non-Parametric Test
Parameter: Barium
Original Data (Not Transformed)
Non-Detects Replaced with Detection Limit

Kruskal Wallis Ranks

Background Wells

Well ID	Date	Result	Rank
MW-2	12/2/1994	ND<0.5	57.5
	1/23/1995	ND<0.5	57.5
	3/20/1995	ND<0.5	57.5
	7/7/1995	ND<0.5	57.5
	11/2/1995	ND<0.5	57.5
	5/31/1996	ND<0.5	57.5
	11/20/1996	0.086	117
	7/2/1997	ND<0.5	57.5
	11/21/1997	ND<0.5	57.5
	6/22/1998	ND<0.5	57.5
	12/22/1998	ND<0.5	57.5
	7/23/1999	ND<0.5	57.5
	2/3/2000	ND<0.5	57.5
	7/27/2000	ND<0.5	57.5
	2/1/2001	ND<0.1	57.5
	10/3/2001	ND<0.1	57.5
	4/17/2002	ND<0.1	57.5
	11/20/2002	ND<0.1	57.5
	5/8/2003	ND<0.1	57.5
	11/20/2003	ND<0.1	57.5
	7/15/2004	ND<0.1	57.5
	12/15/2004	ND<0.01	57.5
	5/24/2005	ND<0.01	57.5
	12/14/2005	ND<0.01	57.5
	6/6/2006	ND<0.01	57.5
	11/7/2006	0.11	125
	6/12/2007	0.0905	118
	10/25/2007	0.552	182
	5/28/2008	ND<0.01	57.5
	11/11/2008	0.146	135
	5/19/2009	ND<0.01	57.5
	11/18/2009	ND<0.01	57.5

Rank Sum = 2229.5
Rank Mean = 69.6719

Background Rank Sum = 2229.5
Background Rank Mean = 69.6719

Compliance Wells

Well ID	Date	Result	Rank
MW-4	12/2/1994	ND<0.5	57.5

	1/23/1995	1.027	204
	3/20/1995	0.786	198
	7/7/1995	0.511	178
	11/2/1995	ND<0.5	57.5
	5/31/1996	ND<0.5	57.5
	11/20/1996	0.42	176
	7/2/1997	ND<0.5	57.5
	11/21/1997	ND<0.5	57.5
	6/22/1998	ND<0.5	57.5
	12/22/1998	ND<0.5	57.5
	7/23/1999	ND<0.5	57.5
	2/3/2000	ND<0.5	57.5
	7/27/2000	ND<0.5	57.5
	2/1/2001	0.529	180
	10/3/2001	0.364	173
	4/17/2002	0.117	126
	11/20/2002	0.139	133
	5/8/2003	ND<0.1	57.5
	11/20/2003	0.187	142
	7/15/2004	ND<0.1	57.5
	12/15/2004	ND<0.1	57.5
	5/24/2005	ND<0.1	57.5
	12/14/2005	ND<0.1	57.5
	6/6/2006	ND<0.1	57.5
	11/7/2006	ND<0.1	57.5
	6/12/2007	0.359	172
	10/25/2007	0.382	174
	5/28/2008	0.271	155
	11/11/2008	0.226	147
	5/19/2009	0.335	168
	11/18/2009	0.282	160

Rank Sum = 3463.5
Rank Mean = 108.234

MW-5	12/2/1994	0.713	191
	1/23/1995	0.784	197
	3/20/1995	0.694	187
	7/7/1995	1.436	207
	11/2/1995	1.352	206
	5/31/1996	0.96	203
	11/20/1996	1.1	205
	7/2/1997	0.922	202
	11/21/1997	0.528	179
	6/22/1998	0.761	195
	12/22/1998	ND<0.5	57.5
	7/23/1999	ND<0.5	57.5
	2/3/2000	0.787	199
	7/27/2000	ND<0.5	57.5
	2/1/2001	0.829	201
	10/3/2001	0.536	181
	4/17/2002	0.431	177
	11/20/2002	0.696	188

	5/8/2003	0.335	169
	11/20/2003	0.405	175
	7/15/2004	0.625	183
	12/15/2004	0.825	200
	5/24/2005	0.721	193
	12/14/2005	0.705	190
	6/6/2006	0.717	192
	11/7/2006	0.768	196
	6/12/2007	0.725	194
	10/25/2007	0.236	149
	5/28/2008	0.697	189
	11/11/2008	0.681	186
	5/19/2009	0.65	185
	11/18/2009	0.636	184

Rank Sum = 5675.5
Rank Mean = 177.359

MW-3A	7/2/1997	ND<0.5	57.5
	11/21/1997	ND<0.5	57.5
	6/22/1998	ND<0.5	57.5
	12/22/1998	ND<0.5	57.5
	7/23/1999	ND<0.5	57.5
	2/3/2000	ND<0.5	57.5
	7/27/2000	ND<0.5	57.5
	2/1/2001	0.35	171
	10/3/2001	0.288	162
	4/17/2002	0.267	152
	11/20/2002	0.269	154
	5/8/2003	0.278	158
	11/20/2003	0.267	153
	7/15/2004	0.285	161
	12/15/2004	ND<0.01	57.5
	5/24/2005	ND<0.01	57.5
	12/14/2005	ND<0.01	57.5
	6/6/2006	ND<0.01	57.5
	11/7/2006	0.229	148
	6/12/2007	0.303	166
	10/25/2007	0.302	165
	5/28/2008	0.309	167
	11/11/2008	0.29	163
	5/19/2009	0.29	164
	11/18/2009	0.274	156

Rank Sum = 2872.5
Rank Mean = 114.9

MW-6	7/2/1997	ND<0.5	57.5
	11/21/1997	ND<0.5	57.5
	6/22/1998	ND<0.5	57.5
	12/22/1998	ND<0.5	57.5
	7/23/1999	ND<0.5	57.5
	2/3/2000	ND<0.5	57.5
	7/27/2000	ND<0.5	57.5

	2/1/2001	0.198	143
	10/3/2001	0.144	134
	4/17/2002	0.122	127
	11/20/2002	0.148	137
	5/8/2003	0.126	129
	11/20/2003	0.147	136
	7/15/2004	0.198	144
	12/15/2004	ND<0.01	57.5
	5/24/2005	ND<0.01	57.5
	12/14/2005	ND<0.01	57.5
	6/6/2006	ND<0.01	57.5
	11/7/2006	0.153	139
	6/12/2007	0.066	115
	10/25/2007	0.124	128
	5/28/2008	0.106	124
	11/11/2008	0.103	122
	5/19/2009	ND<0.01	57.5
	11/18/2009	ND<0.01	57.5

Rank Sum = 2325.5
Rank Mean = 93.02

MW-7	7/2/1997	ND<0.5	57.5
	11/21/1997	ND<0.5	57.5
	6/22/1998	ND<0.5	57.5
	12/22/1998	ND<0.5	57.5
	7/23/1999	ND<0.5	57.5
	2/3/2000	ND<0.5	57.5
	7/27/2000	ND<0.5	57.5
	2/1/2001	ND<0.1	57.5
	10/3/2001	ND<0.1	57.5
	4/17/2002	ND<0.1	57.5
	11/20/2002	ND<0.1	57.5
	5/8/2003	ND<0.1	57.5
	11/20/2003	0.199	145
	7/15/2004	0.157	140
	12/15/2004	ND<0.01	57.5
	5/24/2005	ND<0.01	57.5
	12/14/2005	ND<0.01	57.5
	6/6/2006	ND<0.01	57.5
	11/7/2006	ND<0.01	57.5
	6/12/2007	0.0991	119
	10/25/2007	ND<0.01	57.5
	5/28/2008	0.103	123
	11/11/2008	0.101	120
	5/19/2009	ND<0.01	57.5
	11/18/2009	ND<0.01	57.5

Rank Sum = 1797
Rank Mean = 71.88

MW-1A	7/15/2004	0.2	146
	12/15/2004	ND<0.01	57.5
	5/24/2005	ND<0.01	57.5

	12/14/2005	ND<0.01	57.5
	6/6/2006	ND<0.01	57.5
	11/7/2006	0.339	170
	6/12/2007	0.251	150
	10/25/2007	0.28	159
	5/28/2008	0.274	157
	11/11/2008	0.151	138
	5/19/2009	0.261	151
	11/18/2009	0.179	141

Rank Sum = 1442
Rank Mean = 120.167

MW-3	7/15/2004	ND<0.1	57.5
	12/15/2004	ND<0.1	57.5
	5/24/2005	ND<0.1	57.5
	12/14/2005	ND<0.1	57.5
	6/6/2006	ND<0.1	57.5
	11/7/2006	ND<0.1	57.5
	6/12/2007	0.076	116
	10/25/2007	ND<0.01	57.5
	5/28/2008	ND<0.01	57.5
	11/11/2008	ND<0.01	57.5
	5/19/2009	ND<0.01	57.5
	11/18/2009	ND<0.01	57.5

Rank Sum = 748.5
Rank Mean = 62.375

MW-8	7/15/2004	0.101	121
	12/15/2004	ND<0.01	57.5
	5/24/2005	ND<0.01	57.5
	12/14/2005	ND<0.01	57.5
	6/6/2006	ND<0.01	57.5
	11/7/2006	ND<0.01	57.5
	6/12/2007	0.129	130
	10/25/2007	0.138	132
	5/28/2008	0.131	131
	11/11/2008	ND<0.01	57.5
	5/19/2009	ND<0.01	57.5
	11/18/2009	ND<0.01	57.5

Rank Sum = 974
Rank Mean = 81.1667

Calculation Results:
Kruskal-Wallis H Statistic = 75.9351
Kruskal-Wallis H Statistic (adjusted for tied non-detects) = 91.1613
95% Confidence comparison value is 15.5073 at 8 degrees of freedom
75.9351 > 15.5073 indicating a significant group difference at 5% significance level
91.1613 > 15.5073 indicating a significant group difference at 5% significance level when adjusted for ties

Individual Well Comparisons at 1% Significance Level per Comparison

1% Z score is 2.32634
Mean background rank is 69.6719

Well	Mean Rank	Dif from Bk	Critical Value
MW-4	108.234	38.5625	34.8369
MW-5	177.359	107.688	34.8369
MW-3A	114.9	45.2281	37.1957
MW-6	93.02	23.3481	37.1957
MW-7	71.88	2.20812	37.1957
MW-1A	120.167	50.4948	47.1694
MW-3	62.375	-7.29688	47.1694
MW-8	81.1667	11.4948	47.1694

Individual Well Comparisons at Groupwise 5% Significance Level
(0.625% Significance Level per comparison)
0.625% Z score is 2.51213
Mean background rank is 69.6719

Well	Mean Rank	Dif from Bk	Critical Value
MW-4	108.234	38.5625	37.6191
MW-5	177.359	107.688	37.6191
MW-3A	114.9	45.2281	40.1663
MW-6	93.02	23.3481	40.1663
MW-7	71.88	2.20812	40.1663
MW-1A	120.167	50.4948	50.9366
MW-3	62.375	-7.29688	50.9366
MW-8	81.1667	11.4948	50.9366

Kruskal-Wallis Non-Parametric Test
Parameter: Beryllium
Original Data (Not Transformed)
Non-Detects Replaced with Detection Limit

Kruskal Wallis Ranks

Background Wells

Well ID	Date	Result	Rank
MW-2	12/2/1994	ND<0.002	91.5
	1/23/1995	ND<0.002	91.5
	3/20/1995	ND<0.002	91.5
	7/7/1995	ND<0.002	91.5
	11/2/1995	ND<0.001	91.5
	5/31/1996	ND<0.002	91.5
	11/20/1996	ND<0.001	91.5
	7/2/1997	ND<0.002	91.5
	11/21/1997	0.0033	195
	6/22/1998	ND<0.002	91.5
	12/22/1998	ND<0.002	91.5
	7/23/1999	ND<0.002	91.5
	2/3/2000	ND<0.002	91.5
	7/27/2000	ND<0.002	91.5
	2/1/2001	ND<0.01	91.5

	10/3/2001	ND<0.01	91.5
	4/17/2002	ND<0.01	91.5
	11/20/2002	ND<0.01	91.5
	5/8/2003	ND<0.01	91.5
	11/20/2003	ND<0.01	91.5
	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	0.00574	201
	10/25/2007	0.00337	196
	5/28/2008	0.00161	185
	11/11/2008	0.00555	200
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 3447.5
Rank Mean = 107.734

Background Rank Sum = 3447.5
Background Rank Mean = 107.734

Compliance Wells

Well ID	Date	Result	Rank
MW-4	12/2/1994	ND<0.002	91.5
	1/23/1995	ND<0.002	91.5
	3/20/1995	ND<0.002	91.5
	7/7/1995	ND<0.002	91.5
	11/2/1995	ND<0.001	91.5
	5/31/1996	ND<0.002	91.5
	11/20/1996	ND<0.001	91.5
	7/2/1997	ND<0.002	91.5
	11/21/1997	ND<0.002	91.5
	6/22/1998	ND<0.002	91.5
	12/22/1998	ND<0.002	91.5
	7/23/1999	ND<0.002	91.5
	2/3/2000	ND<0.002	91.5
	7/27/2000	ND<0.002	91.5
	2/1/2001	ND<0.01	91.5
	10/3/2001	ND<0.01	91.5
	4/17/2002	ND<0.01	91.5
	11/20/2002	ND<0.01	91.5
	5/8/2003	ND<0.01	91.5
	11/20/2003	ND<0.01	91.5
	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5

	6/12/2007	0.00128	183
	10/25/2007	ND<0.01	91.5
	5/28/2008	ND<0.01	91.5
	11/11/2008	ND<0.01	91.5
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 3019.5
Rank Mean = 94.3594

MW-5	12/2/1994	ND<0.002	91.5
	1/23/1995	ND<0.002	91.5
	3/20/1995	ND<0.002	91.5
	7/7/1995	0.006	204
	11/2/1995	0.003	193
	5/31/1996	0.0025	191
	11/20/1996	0.002	189
	7/2/1997	ND<0.002	91.5
	11/21/1997	ND<0.002	91.5
	6/22/1998	ND<0.002	91.5
	12/22/1998	ND<0.002	91.5
	7/23/1999	ND<0.002	91.5
	2/3/2000	ND<0.002	91.5
	7/27/2000	ND<0.002	91.5
	2/1/2001	ND<0.01	91.5
	10/3/2001	ND<0.01	91.5
	4/17/2002	ND<0.01	91.5
	11/20/2002	ND<0.01	91.5
	5/8/2003	ND<0.01	91.5
	11/20/2003	ND<0.01	91.5
	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	ND<0.01	91.5
	10/25/2007	ND<0.01	91.5
	5/28/2008	ND<0.01	91.5
	11/11/2008	ND<0.01	91.5
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 3339
Rank Mean = 104.344

MW-3A	7/2/1997	ND<0.002	91.5
	11/21/1997	ND<0.002	91.5
	6/22/1998	ND<0.002	91.5
	12/22/1998	ND<0.002	91.5
	7/23/1999	ND<0.002	91.5
	2/3/2000	ND<0.002	91.5
	7/27/2000	ND<0.002	91.5
	2/1/2001	ND<0.01	91.5

	10/3/2001	ND<0.01	91.5
	4/17/2002	ND<0.01	91.5
	11/20/2002	ND<0.01	91.5
	5/8/2003	ND<0.01	91.5
	11/20/2003	ND<0.01	91.5
	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	0.00322	194
	10/25/2007	0.00337	197
	5/28/2008	ND<0.01	91.5
	11/11/2008	ND<0.01	91.5
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 2495.5
Rank Mean = 99.82

MW-6	7/2/1997	ND<0.002	91.5
	11/21/1997	ND<0.002	91.5
	6/22/1998	ND<0.002	91.5
	12/22/1998	ND<0.002	91.5
	7/23/1999	ND<0.002	91.5
	2/3/2000	ND<0.002	91.5
	7/27/2000	ND<0.002	91.5
	2/1/2001	ND<0.01	91.5
	10/3/2001	ND<0.01	91.5
	4/17/2002	ND<0.01	91.5
	11/20/2002	ND<0.01	91.5
	5/8/2003	ND<0.01	91.5
	11/20/2003	ND<0.01	91.5
	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	0.00579	203
	10/25/2007	ND<0.01	91.5
	5/28/2008	ND<0.01	91.5
	11/11/2008	0.0129	207
	5/19/2009	ND<0.01	91.5
	11/18/2009	0.00199	188

Rank Sum = 2611
Rank Mean = 104.44

MW-7	7/2/1997	ND<0.002	91.5
	11/21/1997	ND<0.002	91.5
	6/22/1998	ND<0.002	91.5
	12/22/1998	ND<0.002	91.5

	7/23/1999	ND<0.002	91.5
	2/3/2000	ND<0.002	91.5
	7/27/2000	ND<0.002	91.5
	2/1/2001	ND<0.01	91.5
	10/3/2001	ND<0.01	91.5
	4/17/2002	ND<0.01	91.5
	11/20/2002	ND<0.01	91.5
	5/8/2003	ND<0.01	91.5
	11/20/2003	ND<0.01	91.5
	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	ND<0.01	91.5
	10/25/2007	0.00195	187
	5/28/2008	ND<0.01	91.5
	11/11/2008	0.00138	184
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 2475.5
Rank Mean = 99.02

MW-1A	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	0.00574	202
	10/25/2007	0.00747	206
	5/28/2008	ND<0.01	91.5
	11/11/2008	ND<0.01	91.5
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 1323
Rank Mean = 110.25

MW-3	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	0.00385	199
	10/25/2007	ND<0.01	91.5
	5/28/2008	0.00299	192
	11/11/2008	0.00689	205
	5/19/2009	ND<0.01	91.5
	11/18/2009	0.0019	186

Rank Sum = 1514

Rank Mean = 126.167

MW-8	7/15/2004	ND<0.01	91.5
	12/15/2004	ND<0.01	91.5
	5/24/2005	ND<0.01	91.5
	12/14/2005	ND<0.01	91.5
	6/6/2006	ND<0.01	91.5
	11/7/2006	ND<0.01	91.5
	6/12/2007	0.00384	198
	10/25/2007	ND<0.01	91.5
	5/28/2008	0.00209	190
	11/11/2008	ND<0.01	91.5
	5/19/2009	ND<0.01	91.5
	11/18/2009	ND<0.01	91.5

Rank Sum = 1303
Rank Mean = 108.583

Calculation Results:
Kruskal-Wallis H Statistic = 3.09448
Kruskal-Wallis H Statistic (adjusted for tied non-detects) = 9.66039
95% Confidence comparison value is 15.5073 at 8 degrees of freedom
3.09448 < 15.5073 indicating no significant group difference at 5% significance level
9.66039 < 15.5073 indicating no significant group difference at 5% significance level when adjusted for ties

Kruskal-Wallis Non-Parametric Test
Parameter: Cobalt
Original Data (Not Transformed)
Non-Detects Replaced with Detection Limit

Kruskal Wallis Ranks

Background Wells

Well ID	Date	Result	Rank
MW-2	12/2/1994	0.027	202
	1/23/1995	ND<0.01	90.5
	3/20/1995	ND<0.01	90.5
	7/7/1995	ND<0.01	90.5
	11/2/1995	0.012	187
	5/31/1996	ND<0.01	90.5
	11/20/1996	ND<0.002	90.5
	7/2/1997	ND<0.01	90.5
	11/21/1997	0.25	206
	6/22/1998	ND<0.01	90.5
	12/22/1998	ND<0.01	90.5
	7/23/1999	ND<0.01	90.5
	2/3/2000	ND<0.01	90.5
	7/27/2000	ND<0.01	90.5
	2/1/2001	ND<0.01	90.5

	10/3/2001	0.0136	190
	4/17/2002	ND<0.01	90.5
	11/20/2002	ND<0.01	90.5
	5/8/2003	ND<0.01	90.5
	11/20/2003	ND<0.01	90.5
	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	0.01	182
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	0.405	207
	5/28/2008	ND<0.01	90.5
	11/11/2008	0.031	203
	5/19/2009	ND<0.01	90.5
	11/18/2009	0.02	198

Rank Sum = 3747
Rank Mean = 117.094

Background Rank Sum = 3747
Background Rank Mean = 117.094

Compliance Wells

Well ID	Date	Result	Rank
MW-4	12/2/1994	ND<0.01	90.5
	1/23/1995	ND<0.01	90.5
	3/20/1995	ND<0.01	90.5
	7/7/1995	ND<0.01	90.5
	11/2/1995	ND<0.01	90.5
	5/31/1996	ND<0.01	90.5
	11/20/1996	ND<0.002	90.5
	7/2/1997	ND<0.01	90.5
	11/21/1997	ND<0.01	90.5
	6/22/1998	ND<0.01	90.5
	12/22/1998	ND<0.01	90.5
	7/23/1999	ND<0.01	90.5
	2/3/2000	ND<0.01	90.5
	7/27/2000	ND<0.01	90.5
	2/1/2001	ND<0.01	90.5
	10/3/2001	ND<0.01	90.5
	4/17/2002	ND<0.01	90.5
	11/20/2002	ND<0.01	90.5
	5/8/2003	ND<0.01	90.5
	11/20/2003	ND<0.01	90.5
	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5

	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 2896
Rank Mean = 90.5

MW-5	12/2/1994	ND<0.01	90.5
	1/23/1995	ND<0.01	90.5
	3/20/1995	ND<0.01	90.5
	7/7/1995	ND<0.01	90.5
	11/2/1995	ND<0.01	90.5
	5/31/1996	ND<0.01	90.5
	11/20/1996	0.008	181
	7/2/1997	ND<0.01	90.5
	11/21/1997	ND<0.01	90.5
	6/22/1998	ND<0.01	90.5
	12/22/1998	0.0149	192
	7/23/1999	ND<0.01	90.5
	2/3/2000	ND<0.01	90.5
	7/27/2000	ND<0.01	90.5
	2/1/2001	ND<0.01	90.5
	10/3/2001	ND<0.01	90.5
	4/17/2002	0.014	191
	11/20/2002	ND<0.01	90.5
	5/8/2003	0.01	183
	11/20/2003	ND<0.01	90.5
	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 3281
Rank Mean = 102.531

MW-3A	7/2/1997	ND<0.01	90.5
	11/21/1997	ND<0.01	90.5
	6/22/1998	ND<0.01	90.5
	12/22/1998	ND<0.01	90.5
	7/23/1999	ND<0.01	90.5
	2/3/2000	ND<0.01	90.5
	7/27/2000	ND<0.01	90.5
	2/1/2001	ND<0.01	90.5

	10/3/2001	ND<0.01	90.5
	4/17/2002	ND<0.01	90.5
	11/20/2002	ND<0.01	90.5
	5/8/2003	ND<0.01	90.5
	11/20/2003	ND<0.01	90.5
	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 2262.5
Rank Mean = 90.5

MW-6	7/2/1997	ND<0.01	90.5
	11/21/1997	ND<0.01	90.5
	6/22/1998	ND<0.01	90.5
	12/22/1998	ND<0.01	90.5
	7/23/1999	ND<0.01	90.5
	2/3/2000	0.0105	184
	7/27/2000	ND<0.01	90.5
	2/1/2001	0.0123	188
	10/3/2001	ND<0.01	90.5
	4/17/2002	ND<0.01	90.5
	11/20/2002	ND<0.01	90.5
	5/8/2003	0.0123	189
	11/20/2003	ND<0.01	90.5
	7/15/2004	0.0113	186
	12/15/2004	0.0105	185
	5/24/2005	0.0192	196
	12/14/2005	0.0159	193
	6/6/2006	0.0197	197
	11/7/2006	0.0191	195
	6/12/2007	0.0338	204
	10/25/2007	0.0181	194
	5/28/2008	0.0262	201
	11/11/2008	0.0216	199
	5/19/2009	0.0341	205
	11/18/2009	0.0222	200

Rank Sum = 3821
Rank Mean = 152.84

MW-7	7/2/1997	ND<0.01	90.5
	11/21/1997	ND<0.01	90.5
	6/22/1998	ND<0.01	90.5
	12/22/1998	ND<0.01	90.5

	7/23/1999	ND<0.01	90.5
	2/3/2000	ND<0.01	90.5
	7/27/2000	ND<0.01	90.5
	2/1/2001	ND<0.01	90.5
	10/3/2001	ND<0.01	90.5
	4/17/2002	ND<0.01	90.5
	11/20/2002	ND<0.01	90.5
	5/8/2003	ND<0.01	90.5
	11/20/2003	ND<0.01	90.5
	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 2262.5
Rank Mean = 90.5

MW-1A	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 1086
Rank Mean = 90.5

MW-3	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 1086

Rank Mean = 90.5

MW-8	7/15/2004	ND<0.01	90.5
	12/15/2004	ND<0.01	90.5
	5/24/2005	ND<0.01	90.5
	12/14/2005	ND<0.01	90.5
	6/6/2006	ND<0.01	90.5
	11/7/2006	ND<0.01	90.5
	6/12/2007	ND<0.01	90.5
	10/25/2007	ND<0.01	90.5
	5/28/2008	ND<0.01	90.5
	11/11/2008	ND<0.01	90.5
	5/19/2009	ND<0.01	90.5
	11/18/2009	ND<0.01	90.5

Rank Sum = 1086
Rank Mean = 90.5

Calculation Results:
Kruskal-Wallis H Statistic = 24.1623
Kruskal-Wallis H Statistic (adjusted for tied non-detects) = 70.5493
95% Confidence comparison value is 15.5073 at 8 degrees of freedom
24.1623 > 15.5073 indicating a significant group difference at 5% significance level
70.5493 > 15.5073 indicating a significant group difference at 5% significance level when adjusted for ties

Individual Well Comparisons at 1% Significance Level per Comparison
1% Z score is 2.32634
Mean background rank is 117.094

Well	Mean Rank	Dif from Bk	Critical Value
MW-4	90.5	-26.5938	34.8369
MW-5	102.531	-14.5625	34.8369
MW-3A	90.5	-26.5938	37.1957
MW-6	152.84	35.7463	37.1957
MW-7	90.5	-26.5938	37.1957
MW-1A	90.5	-26.5938	47.1694
MW-3	90.5	-26.5938	47.1694
MW-8	90.5	-26.5938	47.1694

Individual Well Comparisons at Groupwise 5% Significance Level
(0.625% Significance Level per comparison)
0.625% Z score is 2.51213
Mean background rank is 117.094

Well	Mean Rank	Dif from Bk	Critical Value
MW-4	90.5	-26.5938	37.6191
MW-5	102.531	-14.5625	37.6191
MW-3A	90.5	-26.5938	40.1663
MW-6	152.84	35.7463	40.1663
MW-7	90.5	-26.5938	40.1663
MW-1A	90.5	-26.5938	50.9366
MW-3	90.5	-26.5938	50.9366
MW-8	90.5	-26.5938	50.9366

Poisson Prediction Limit
Parameter: Vanadium
Original Data (Not Transformed)
Non-Detects Replaced with Detection Limit

Recent Dates = 1
Poisson Count of 32 background Samples = 1.77269
99% t-test = 2.45283
95% t-test = 1.69552

Well: MW-4
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.05	FALSE	FALSE

Well: MW-5
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.00415	FALSE	FALSE

Well: MW-3A
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.05	FALSE	FALSE

Well: MW-6
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.0102	FALSE	FALSE

Well: MW-7
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.05	FALSE	FALSE

Well: MW-1A
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.05	FALSE	FALSE

Well: MW-3
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.00347	FALSE	FALSE

Well: MW-8
Number of comparisons = 1
Future Samples (k) = 1
c = 0.03125
99% Prediction Limit (Tk) = 0.743151
95% Prediction Limit (Tk) = 0.50805

Samples	Sum	95 %tile	99 %tile
1	0.05	FALSE	FALSE

Kruskal-Wallis Non-Parametric Test

Parameter: Zinc
Original Data (Not Transformed)
Non-Detects Replaced with Detection Limit

Kruskal Wallis Ranks

Background Wells

Well ID	Date	Result	Rank
MW-2	12/2/1994	ND<0.05	88.5
	1/23/1995	ND<0.05	88.5
	3/20/1995	ND<0.05	88.5
	7/7/1995	ND<0.05	88.5
	11/2/1995	0.127	204
	5/31/1996	ND<0.05	88.5
	11/20/1996	ND<0.01	88.5
	7/2/1997	ND<0.05	88.5
	11/21/1997	0.121	203
	6/22/1998	ND<0.05	88.5
	12/22/1998	ND<0.05	88.5
	7/23/1999	ND<0.05	88.5
	2/3/2000	ND<0.05	88.5
	7/27/2000	ND<0.05	88.5
	2/1/2001	ND<0.05	88.5
	10/3/2001	ND<0.05	88.5
	4/17/2002	ND<0.02	88.5
	11/20/2002	ND<0.02	88.5
	5/8/2003	ND<0.02	88.5
	11/20/2003	ND<0.02	88.5
	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	ND<0.02	88.5
	6/12/2007	ND<0.02	88.5
	10/25/2007	0.142	205
	5/28/2008	ND<0.02	88.5
	11/11/2008	0.0251	187
	5/19/2009	ND<0.02	88.5
	11/18/2009	0.0281	188

Rank Sum = 3376.5
Rank Mean = 105.516

Background Rank Sum = 3376.5
Background Rank Mean = 105.516

Compliance Wells

Well ID	Date	Result	Rank
MW-4	12/2/1994	ND<0.05	88.5
	1/23/1995	ND<0.05	88.5

	3/20/1995	ND<0.05	88.5
	7/7/1995	ND<0.05	88.5
	11/2/1995	0.06	198
	5/31/1996	ND<0.05	88.5
	11/20/1996	ND<0.01	88.5
	7/2/1997	ND<0.05	88.5
	11/21/1997	ND<0.05	88.5
	6/22/1998	ND<0.05	88.5
	12/22/1998	ND<0.05	88.5
	7/23/1999	ND<0.05	88.5
	2/3/2000	ND<0.05	88.5
	7/27/2000	ND<0.05	88.5
	2/1/2001	ND<0.05	88.5
	10/3/2001	ND<0.05	88.5
	4/17/2002	ND<0.02	88.5
	11/20/2002	ND<0.02	88.5
	5/8/2003	ND<0.02	88.5
	11/20/2003	ND<0.02	88.5
	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	ND<0.02	88.5
	6/12/2007	ND<0.02	88.5
	10/25/2007	ND<0.02	88.5
	5/28/2008	ND<0.02	88.5
	11/11/2008	ND<0.02	88.5
	5/19/2009	ND<0.02	88.5
	11/18/2009	ND<0.02	88.5

Rank Sum = 2941.5
Rank Mean = 91.9219

MW-5	12/2/1994	ND<0.05	88.5
	1/23/1995	ND<0.05	88.5
	3/20/1995	ND<0.05	88.5
	7/7/1995	0.092	202
	11/2/1995	0.2	206
	5/31/1996	0.068	201
	11/20/1996	0.052	195
	7/2/1997	ND<0.05	88.5
	11/21/1997	ND<0.05	88.5
	6/22/1998	ND<0.05	88.5
	12/22/1998	ND<0.05	88.5
	7/23/1999	ND<0.05	88.5
	2/3/2000	ND<0.05	88.5
	7/27/2000	ND<0.05	88.5
	2/1/2001	ND<0.05	88.5
	10/3/2001	ND<0.05	88.5
	4/17/2002	ND<0.02	88.5
	11/20/2002	ND<0.02	88.5
	5/8/2003	ND<0.02	88.5

	11/20/2003	ND<0.02	88.5
	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	ND<0.02	88.5
	6/12/2007	ND<0.02	88.5
	10/25/2007	0.0228	184
	5/28/2008	ND<0.02	88.5
	11/11/2008	ND<0.02	88.5
	5/19/2009	ND<0.02	88.5
	11/18/2009	ND<0.02	88.5

Rank Sum = 3377.5
Rank Mean = 105.547

MW-3A	7/2/1997	ND<0.05	88.5
	11/21/1997	ND<0.05	88.5
	6/22/1998	ND<0.05	88.5
	12/22/1998	ND<0.05	88.5
	7/23/1999	ND<0.05	88.5
	2/3/2000	ND<0.05	88.5
	7/27/2000	ND<0.05	88.5
	2/1/2001	ND<0.05	88.5
	10/3/2001	ND<0.05	88.5
	4/17/2002	ND<0.02	88.5
	11/20/2002	ND<0.02	88.5
	5/8/2003	ND<0.02	88.5
	11/20/2003	ND<0.02	88.5
	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	0.0232	185
	6/12/2007	0.0101	177
	10/25/2007	ND<0.02	88.5
	5/28/2008	ND<0.02	88.5
	11/11/2008	ND<0.02	88.5
	5/19/2009	ND<0.02	88.5
	11/18/2009	ND<0.02	88.5

Rank Sum = 2397.5
Rank Mean = 95.9

MW-6	7/2/1997	0.286	207
	11/21/1997	ND<0.05	88.5
	6/22/1998	ND<0.05	88.5
	12/22/1998	ND<0.05	88.5
	7/23/1999	ND<0.05	88.5
	2/3/2000	0.0593	197
	7/27/2000	ND<0.05	88.5
	2/1/2001	0.0286	189

	10/3/2001	ND<0.05	88.5
	4/17/2002	ND<0.02	88.5
	11/20/2002	ND<0.02	88.5
	5/8/2003	ND<0.02	88.5
	11/20/2003	ND<0.02	88.5
	7/15/2004	0.0234	186
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	0.0501	194
	6/12/2007	0.0653	200
	10/25/2007	0.0389	190
	5/28/2008	0.053	196
	11/11/2008	0.0471	192
	5/19/2009	0.064	199
	11/18/2009	0.0455	191

Rank Sum = 3380
Rank Mean = 135.2

MW-7	7/2/1997	ND<0.05	88.5
	11/21/1997	ND<0.05	88.5
	6/22/1998	ND<0.05	88.5
	12/22/1998	ND<0.05	88.5
	7/23/1999	ND<0.05	88.5
	2/3/2000	ND<0.05	88.5
	7/27/2000	ND<0.05	88.5
	2/1/2001	ND<0.05	88.5
	10/3/2001	ND<0.05	88.5
	4/17/2002	ND<0.02	88.5
	11/20/2002	ND<0.02	88.5
	5/8/2003	ND<0.02	88.5
	11/20/2003	ND<0.02	88.5
	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	ND<0.02	88.5
	6/12/2007	ND<0.02	88.5
	10/25/2007	ND<0.02	88.5
	5/28/2008	ND<0.02	88.5
	11/11/2008	ND<0.02	88.5
	5/19/2009	ND<0.02	88.5
	11/18/2009	ND<0.02	88.5

Rank Sum = 2212.5
Rank Mean = 88.5

MW-1A	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5

	6/6/2006	ND<0.02	88.5
	11/7/2006	0.0478	193
	6/12/2007	0.0135	181
	10/25/2007	ND<0.02	88.5
	5/28/2008	ND<0.02	88.5
	11/11/2008	ND<0.02	88.5
	5/19/2009	ND<0.02	88.5
	11/18/2009	ND<0.02	88.5

Rank Sum = 1259
Rank Mean = 104.917

MW-3	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	ND<0.02	88.5
	6/12/2007	ND<0.02	88.5
	10/25/2007	ND<0.02	88.5
	5/28/2008	ND<0.02	88.5
	11/11/2008	ND<0.02	88.5
	5/19/2009	0.0133	180
	11/18/2009	ND<0.02	88.5

Rank Sum = 1153.5
Rank Mean = 96.125

MW-8	7/15/2004	ND<0.02	88.5
	12/15/2004	ND<0.02	88.5
	5/24/2005	ND<0.02	88.5
	12/14/2005	ND<0.02	88.5
	6/6/2006	ND<0.02	88.5
	11/7/2006	0.0203	183
	6/12/2007	0.0174	182
	10/25/2007	ND<0.02	88.5
	5/28/2008	0.013	179
	11/11/2008	ND<0.02	88.5
	5/19/2009	0.0111	178
	11/18/2009	ND<0.02	88.5

Rank Sum = 1430
Rank Mean = 119.167

Calculation Results:
Kruskal-Wallis H Statistic = 11.2362
Kruskal-Wallis H Statistic (adjusted for tied non-detects) = 29.1578
95% Confidence comparison value is 15.5073 at 8 degrees of freedom
11.2362 < 15.5073 indicating no significant group difference at 5% significance level
29.1578 > 15.5073 indicating a significant group difference at 5% significance level when adjusted for ties

Individual Well Comparisons at 1% Significance Level per Comparison
1% Z score is 2.32634

Mean background rank is 105.516

Well	Mean Rank	Dif from Bk	Critical Value
MW-4	91.9219	-13.5938	34.8369
MW-5	105.547	0.03125	34.8369
MW-3A	95.9	-9.61562	37.1957
MW-6	135.2	29.6844	37.1957
MW-7	88.5	-17.0156	37.1957
MW-1A	104.917	-0.598958	47.1694
MW-3	96.125	-9.39063	47.1694
MW-8	119.167	13.651	47.1694

Individual Well Comparisons at Groupwise 5% Significance Level
(0.625% Significance Level per comparison)
0.625% Z score is 2.51213
Mean background rank is 105.516

Well	Mean Rank	Dif from Bk	Critical Value
MW-4	91.9219	-13.5938	37.6191
MW-5	105.547	0.03125	37.6191
MW-3A	95.9	-9.61562	40.1663
MW-6	135.2	29.6844	40.1663
MW-7	88.5	-17.0156	40.1663
MW-1A	104.917	-0.598958	50.9366
MW-3	96.125	-9.39063	50.9366
MW-8	119.167	13.651	50.9366

SGS

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

Report Number: G121-430

Client Project: Wilson Co.

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 4 December 2009

Project Manager
Lori Lockamy

Date

Case Narrative
Babb & Associates
SGS Project: **G121-430**
Project Name: **Wilson Co.**

SGS North America; Inc.

December 4th, 2009

- Fifteen water samples were accepted into the laboratory on November 19th, 2009 at 1000 for analyses as indicated on the chain of custody. The samples were received in good condition, with a temperature range of 5.1°C.
- All extractions and analyses were completed within holding time limits, with the following quality control exceptions.

8260 Analysis

- Sample **9801-TB** has reported hits for Bromoform, Dibromochloromethane, Methylene Chloride, Toluene and Total Xylenes. All hits have been 'J' flagged.

Craig R Tronzo Date 12/21/09
Craig R Tronzo
Data Validation/QC

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: 9801-MW-1A
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-1A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 9:20
Date Received: 11/19/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**2.69**	100	2.18	1	11/30/2009	J
Acetonitrile	BQL	55.0	2.58	1	11/30/2009	
Acrylonitrile	BQL	200	2.93	1	11/30/2009	
Benzene	BQL	1.00	0.0650	1	11/30/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/30/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/30/2009	
Bromoform	BQL	3.00	0.120	1	11/30/2009	
Bromomethane	BQL	10.0	0.133	1	11/30/2009	
2-butanone	BQL	100	0.544	1	11/30/2009	
Carbon disulfide	BQL	100	0.0690	1	11/30/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/30/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/30/2009	
Chloroethane	BQL	10.0	0.106	1	11/30/2009	
Chloroform	BQL	5.00	0.0790	1	11/30/2009	
Chloromethane	BQL	1.00	0.146	1	11/30/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/30/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/30/2009	
Dibromomethane	BQL	10.0	0.113	1	11/30/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/30/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/30/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/30/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/30/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/30/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/30/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/30/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/30/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/30/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/30/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/30/2009	
2-hexanone	BQL	50.0	0.720	1	11/30/2009	
Iodomethane	BQL	10.0	0.0420	1	11/30/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/30/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/30/2009	
Styrene	BQL	1.00	0.0850	1	11/30/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/30/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/30/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/30/2009	
Toluene	BQL	1.00	0.0760	1	11/30/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/30/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/30/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/30/2009	

GCMS
NCAP1

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-1A
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-1A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 9:20
Date Received: 11/19/2009
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	11/30/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/30/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/30/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/30/2009	
Total Xylene	BQL	5.00	0.0650	1	11/30/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.75	98
4-Bromofluorobenzene	10	9.85	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-2
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-2A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 7:35
Date Received: 11/19/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**2.65**	100	2.18	1	11/30/2009	J
Acetonitrile	BQL	55.0	2.58	1	11/30/2009	
Acrylonitrile	BQL	200	2.93	1	11/30/2009	
Benzene	BQL	1.00	0.0650	1	11/30/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/30/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/30/2009	
Bromoform	BQL	3.00	0.120	1	11/30/2009	
Bromomethane	BQL	10.0	0.133	1	11/30/2009	
2-butanone	BQL	100	0.544	1	11/30/2009	
Carbon disulfide	BQL	100	0.0690	1	11/30/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/30/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/30/2009	
Chloroethane	BQL	10.0	0.106	1	11/30/2009	
Chloroform	BQL	5.00	0.0790	1	11/30/2009	
Chloromethane	BQL	1.00	0.146	1	11/30/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/30/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/30/2009	
Dibromomethane	BQL	10.0	0.113	1	11/30/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/30/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/30/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/30/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/30/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/30/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/30/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/30/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/30/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/30/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/30/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/30/2009	
2-hexanone	BQL	50.0	0.720	1	11/30/2009	
Iodomethane	BQL	10.0	0.0420	1	11/30/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/30/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/30/2009	
Styrene	BQL	1.00	0.0850	1	11/30/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/30/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/30/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/30/2009	
Toluene	BQL	1.00	0.0760	1	11/30/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/30/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/30/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/30/2009	

GCMS
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SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-2
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-2A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 7:35
Date Received: 11/19/2009
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	11/30/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/30/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/30/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/30/2009	
Total Xylene	BQL	5.00	0.0650	1	11/30/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.31	93
4-Bromofluorobenzene	10	9.96	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVD

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-3
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-3A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 11:55
Date Received: 11/19/2009
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	11/30/2009	
Acetonitrile	BQL	55.0	2.58	1	11/30/2009	
Acrylonitrile	BQL	200	2.93	1	11/30/2009	
Benzene	BQL	1.00	0.0650	1	11/30/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/30/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/30/2009	
Bromoform	BQL	3.00	0.120	1	11/30/2009	
Bromomethane	BQL	10.0	0.133	1	11/30/2009	
2-butanone	BQL	100	0.544	1	11/30/2009	
Carbon disulfide	BQL	100	0.0690	1	11/30/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/30/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/30/2009	
Chloroethane	BQL	10.0	0.106	1	11/30/2009	
Chloroform	BQL	5.00	0.0790	1	11/30/2009	
Chloromethane	BQL	1.00	0.146	1	11/30/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	11/30/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/30/2009	
Dibromomethane	BQL	10.0	0.113	1	11/30/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/30/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/30/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/30/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/30/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/30/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/30/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/30/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/30/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/30/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/30/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/30/2009	
2-hexanone	BQL	50.0	0.720	1	11/30/2009	
Iodomethane	BQL	10.0	0.0420	1	11/30/2009	
Methylene chloride	BQL	1.00	0.0980	1	11/30/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	11/30/2009	
Styrene	BQL	1.00	0.0850	1	11/30/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/30/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/30/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/30/2009	
Toluene	BQL	1.00	0.0760	1	11/30/2009	
Trichloroethene	BQL	1.00	0.0540	1	11/30/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/30/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/30/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-3
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-3A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 11:55
Date Received: 11/19/2009
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	11/30/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/30/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/30/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/30/2009	
Total Xylene	BQL	5.00	0.0650	1	11/30/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.58	96
4-Bromofluorobenzene	10	9.73	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVD

Reviewed By: CRO

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-3A
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-4A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 11:45
Date Received: 11/19/2009
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	12/1/2009	
Acetonitrile	BQL	55.0	2.58	1	12/1/2009	
Acrylonitrile	BQL	200	2.93	1	12/1/2009	
Benzene	BQL	1.00	0.0650	1	12/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/1/2009	
Bromoform	BQL	3.00	0.120	1	12/1/2009	
Bromomethane	BQL	10.0	0.133	1	12/1/2009	
2-butanone	BQL	100	0.544	1	12/1/2009	
Carbon disulfide	BQL	100	0.0690	1	12/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/1/2009	
Chloroethane	BQL	10.0	0.106	1	12/1/2009	
Chloroform	BQL	5.00	0.0790	1	12/1/2009	
Chloromethane	BQL	1.00	0.146	1	12/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/1/2009	
Dibromomethane	BQL	10.0	0.113	1	12/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/1/2009	
2-hexanone	BQL	50.0	0.720	1	12/1/2009	
Iodomethane	BQL	10.0	0.0420	1	12/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/1/2009	
Styrene	BQL	1.00	0.0850	1	12/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/1/2009	
Toluene	BQL	1.00	0.0760	1	12/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/1/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-3A
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-4A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 11:45
Date Received: 11/19/2009
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	12/1/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/1/2009	
Total Xylene	BQL	5.00	0.0650	1	12/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.89	99
4-Bromofluorobenzene	10	9.87	99

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: 9801-MW-4
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-5A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 9:45
Date Received: 11/19/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**2.49**	100	2.18	1	12/1/2009	J
Acetonitrile	BQL	55.0	2.58	1	12/1/2009	
Acrylonitrile	BQL	200	2.93	1	12/1/2009	
Benzene	**0.110**	1.00	0.0650	1	12/1/2009	J
Bromochloromethane	BQL	3.00	0.101	1	12/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/1/2009	
Bromoform	BQL	3.00	0.120	1	12/1/2009	
Bromomethane	BQL	10.0	0.133	1	12/1/2009	
2-butanone	BQL	100	0.544	1	12/1/2009	
Carbon disulfide	BQL	100	0.0690	1	12/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/1/2009	
Chloroethane	BQL	10.0	0.106	1	12/1/2009	
Chloroform	BQL	5.00	0.0790	1	12/1/2009	
Chloromethane	BQL	1.00	0.146	1	12/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/1/2009	
Dibromomethane	BQL	10.0	0.113	1	12/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/1/2009	
1,1-Dichloroethane	**0.180**	5.00	0.0740	1	12/1/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/1/2009	
cis-1,2-Dichloroethene	**0.100**	5.00	0.0650	1	12/1/2009	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/1/2009	
2-hexanone	BQL	50.0	0.720	1	12/1/2009	
Iodomethane	BQL	10.0	0.0420	1	12/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/1/2009	
Styrene	BQL	1.00	0.0850	1	12/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/1/2009	
Toluene	BQL	1.00	0.0760	1	12/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/1/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-4
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-5A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 9:45
Date Received: 11/19/2009
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	12/1/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/1/2009	
Total Xylene	BQL	5.00	0.0650	1	12/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	9.99	100
4-Bromofluorobenzene	10	9.97	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVD

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-5
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-6A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:30
Date Received: 11/19/2009
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	12/2/2009	
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-5
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-6A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:30
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	**0.710**	5.00	0.0650	1	12/2/2009	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.96	100
4-Bromofluorobenzene	10	9.92	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-6
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-7B
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 12:05
Date Received: 11/19/2009
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	12/2/2009	
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-6
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-7B
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 12:05
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	BQL	5.00	0.0650	1	12/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	107
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-7
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-8A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 11:30
Date Received: 11/19/2009
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	12/1/2009	
Acetonitrile	BQL	55.0	2.58	1	12/1/2009	
Acrylonitrile	BQL	200	2.93	1	12/1/2009	
Benzene	BQL	1.00	0.0650	1	12/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/1/2009	
Bromoform	BQL	3.00	0.120	1	12/1/2009	
Bromomethane	BQL	10.0	0.133	1	12/1/2009	
2-butanone	BQL	100	0.544	1	12/1/2009	
Carbon disulfide	BQL	100	0.0690	1	12/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/1/2009	
Chloroethane	BQL	10.0	0.106	1	12/1/2009	
Chloroform	BQL	5.00	0.0790	1	12/1/2009	
Chloromethane	BQL	1.00	0.146	1	12/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/1/2009	
Dibromomethane	BQL	10.0	0.113	1	12/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/1/2009	
1,1-Dichloroethane	**0.190**	5.00	0.0740	1	12/1/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/1/2009	
cis-1,2-Dichloroethene	**1.24**	5.00	0.0650	1	12/1/2009	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/1/2009	
2-hexanone	BQL	50.0	0.720	1	12/1/2009	
Iodomethane	BQL	10.0	0.0420	1	12/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/1/2009	
Styrene	BQL	1.00	0.0850	1	12/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/1/2009	
Tetrachloroethene	**0.120**	1.00	0.0690	1	12/1/2009	J
Toluene	BQL	1.00	0.0760	1	12/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/1/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-7
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-8A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 11:30
Date Received: 11/19/2009
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	12/1/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/1/2009	
Total Xylene	BQL	5.00	0.0650	1	12/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10	100
Toluene-d8	10	9.97	100
4-Bromofluorobenzene	10	9.69	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: CMD

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-8
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-9A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 9:25
Date Received: 11/19/2009
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	12/1/2009	
Acetonitrile	BQL	55.0	2.58	1	12/1/2009	
Acrylonitrile	BQL	200	2.93	1	12/1/2009	
Benzene	BQL	1.00	0.0650	1	12/1/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/1/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/1/2009	
Bromoform	BQL	3.00	0.120	1	12/1/2009	
Bromomethane	BQL	10.0	0.133	1	12/1/2009	
2-butanone	BQL	100	0.544	1	12/1/2009	
Carbon disulfide	BQL	100	0.0690	1	12/1/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/1/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/1/2009	
Chloroethane	BQL	10.0	0.106	1	12/1/2009	
Chloroform	BQL	5.00	0.0790	1	12/1/2009	
Chloromethane	BQL	1.00	0.146	1	12/1/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/1/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/1/2009	
Dibromomethane	BQL	10.0	0.113	1	12/1/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/1/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/1/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/1/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/1/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/1/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/1/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/1/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/1/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/1/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/1/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/1/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/1/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/1/2009	
2-hexanone	BQL	50.0	0.720	1	12/1/2009	
Iodomethane	BQL	10.0	0.0420	1	12/1/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/1/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/1/2009	
Styrene	BQL	1.00	0.0850	1	12/1/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/1/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/1/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/1/2009	
Toluene	BQL	1.00	0.0760	1	12/1/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/1/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/1/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/1/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-MW-8
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-9A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009 9:25
Date Received: 11/19/2009
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	12/1/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/1/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/1/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/1/2009	
Total Xylene	BQL	5.00	0.0650	1	12/1/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.92	99
4-Bromofluorobenzene	10	9.56	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVJ

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-1
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-10A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:45
Date Received: 11/19/2009
Matrix: Water
Sample Amount: 5 mL

Compound	Result UG/L	SWSL Limit UG/L	MDL UG/L	Dilution Factor	Date Analyzed	Flag
Acetone	**2.60**	100	2.18	1	12/2/2009	J
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-1
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-10A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:45
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	BQL	5.00	0.0650	1	12/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.7	107
Toluene-d8	10	10.1	101
4-Bromofluorobenzene	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: DVO

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-2
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-11A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:15
Date Received: 11/19/2009
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	12/2/2009	
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	**0.250**	5.00	0.0740	1	12/2/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	**1.65**	5.00	0.0650	1	12/2/2009	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-2
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-11A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:15
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	BQL	5.00	0.0650	1	12/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.98	100
4-Bromofluorobenzene	10	10	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-3
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-12A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 12:20
Date Received: 11/19/2009
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	12/2/2009	
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-3
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-12A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 12:20
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	BQL	5.00	0.0650	1	12/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.1	101
Toluene-d8	10	10	100
4-Bromofluorobenzene	10	10.2	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: [illegible]

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-4
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-13A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:00
Date Received: 11/19/2009
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	12/2/2009	
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	**0.290**	5.00	0.0740	1	12/2/2009	J
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	**1.92**	5.00	0.0650	1	12/2/2009	J
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	**0.140**	1.00	0.0540	1	12/2/2009	J
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-4
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-13A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 10:00
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	BQL	5.00	0.0650	1	12/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.97	100
4-Bromofluorobenzene	10	10	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: MA

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-5
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-14A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 11:00
Date Received: 11/19/2009
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	12/2/2009	
Acetonitrile	BQL	55.0	2.58	1	12/2/2009	
Acrylonitrile	BQL	200	2.93	1	12/2/2009	
Benzene	BQL	1.00	0.0650	1	12/2/2009	
Bromochloromethane	BQL	3.00	0.101	1	12/2/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	12/2/2009	
Bromoform	BQL	3.00	0.120	1	12/2/2009	
Bromomethane	BQL	10.0	0.133	1	12/2/2009	
2-butanone	BQL	100	0.544	1	12/2/2009	
Carbon disulfide	BQL	100	0.0690	1	12/2/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	12/2/2009	
Chlorobenzene	BQL	3.00	0.0820	1	12/2/2009	
Chloroethane	BQL	10.0	0.106	1	12/2/2009	
Chloroform	BQL	5.00	0.0790	1	12/2/2009	
Chloromethane	BQL	1.00	0.146	1	12/2/2009	
Dibromochloromethane	BQL	3.00	0.0900	1	12/2/2009	
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	12/2/2009	
Dibromomethane	BQL	10.0	0.113	1	12/2/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	12/2/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	12/2/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	12/2/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	12/2/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	12/2/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	12/2/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	12/2/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	12/2/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	12/2/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	12/2/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	12/2/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	12/2/2009	
Ethylbenzene	BQL	1.00	0.0770	1	12/2/2009	
2-hexanone	BQL	50.0	0.720	1	12/2/2009	
Iodomethane	BQL	10.0	0.0420	1	12/2/2009	
Methylene chloride	BQL	1.00	0.0980	1	12/2/2009	
4-methyl-2-pentanone	BQL	100	0.550	1	12/2/2009	
Styrene	BQL	1.00	0.0850	1	12/2/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	12/2/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	12/2/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	12/2/2009	
Toluene	BQL	1.00	0.0760	1	12/2/2009	
Trichloroethene	BQL	1.00	0.0540	1	12/2/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	12/2/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	12/2/2009	

GCMS
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SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-SW-5
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-14A
Lab Project ID: G121-430

Analyzed By: DVO
Date Collected: 11/18/2009 11:00
Date Received: 11/19/2009
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	12/2/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	12/2/2009	
Vinyl acetate	BQL	50.0	0.100	1	12/2/2009	
Vinyl chloride	BQL	1.00	0.149	1	12/2/2009	
Total Xylene	BQL	5.00	0.0650	1	12/2/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.95	99
4-Bromofluorobenzene	10	9.7	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: MA

SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-TB
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-15A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009
Date Received: 11/19/2009
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	11/30/2009	
Acetonitrile	BQL	55.0	2.58	1	11/30/2009	
Acrylonitrile	BQL	200	2.93	1	11/30/2009	
Benzene	BQL	1.00	0.0650	1	11/30/2009	
Bromochloromethane	BQL	3.00	0.101	1	11/30/2009	
Bromodichloromethane	BQL	1.00	0.0760	1	11/30/2009	
Bromoform	**1.66**	3.00	0.120	1	11/30/2009	J
Bromomethane	BQL	10.0	0.133	1	11/30/2009	
2-butanone	BQL	100	0.544	1	11/30/2009	
Carbon disulfide	BQL	100	0.0690	1	11/30/2009	
Carbon tetrachloride	BQL	1.00	0.0870	1	11/30/2009	
Chlorobenzene	BQL	3.00	0.0820	1	11/30/2009	
Chloroethane	BQL	10.0	0.106	1	11/30/2009	
Chloroform	BQL	5.00	0.0790	1	11/30/2009	
Chloromethane	BQL	1.00	0.146	1	11/30/2009	
Dibromochloromethane	**1.21**	3.00	0.0900	1	11/30/2009	J
1,2-Dibromo-3-chloropropane	BQL	13.0	1.21	1	11/30/2009	
Dibromomethane	BQL	10.0	0.113	1	11/30/2009	
1,2-Dibromoethane	BQL	1.00	0.124	1	11/30/2009	
1,2-Dichlorobenzene	BQL	5.00	0.127	1	11/30/2009	
1,3-Dichlorobenzene	BQL	5.00	0.0810	1	11/30/2009	
1,4-Dichlorobenzene	BQL	5.00	0.0790	1	11/30/2009	
t-1,4-Dichloro-2-butene	BQL	50.5	0.630	1	11/30/2009	
1,1-Dichloroethane	BQL	5.00	0.0740	1	11/30/2009	
1,1-Dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloroethane	BQL	1.00	0.0790	1	11/30/2009	
cis-1,2-Dichloroethene	BQL	5.00	0.0650	1	11/30/2009	
t-1,2-dichloroethene	BQL	5.00	0.0890	1	11/30/2009	
1,2-Dichloropropane	BQL	1.00	0.0940	1	11/30/2009	
1,1-Dichloropropene	BQL	5.00	0.0720	1	11/30/2009	
cis-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
t-1,3-Dichloropropene	BQL	1.00	0.0760	1	11/30/2009	
Ethylbenzene	BQL	1.00	0.0770	1	11/30/2009	
2-hexanone	BQL	50.0	0.720	1	11/30/2009	
Iodomethane	BQL	10.0	0.0420	1	11/30/2009	
Methylene chloride	**0.310**	1.00	0.0980	1	11/30/2009	J
4-methyl-2-pentanone	BQL	100	0.550	1	11/30/2009	
Styrene	BQL	1.00	0.0850	1	11/30/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	0.0900	1	11/30/2009	
1,1,2,2-Tetrachloroethane	BQL	3.00	0.115	1	11/30/2009	
Tetrachloroethene	BQL	1.00	0.0690	1	11/30/2009	
Toluene	**0.0800**	1.00	0.0760	1	11/30/2009	J
Trichloroethene	BQL	1.00	0.0540	1	11/30/2009	
1,1,1-Trichloroethane	BQL	1.00	0.0540	1	11/30/2009	
1,1,2-Trichloroethane	BQL	1.00	0.182	1	11/30/2009	

GCMS
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SGS North America, Inc.

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: 9801-TB
Client Project ID: Wilson Co.
Lab Sample ID: G121-430-15A
Lab Project ID: G121-430

Analyzed By: CLP
Date Collected: 11/18/2009
Date Received: 11/19/2009
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	11/30/2009	
1,2,3-Trichloropropane	BQL	1.00	0.120	1	11/30/2009	
Vinyl acetate	BQL	50.0	0.100	1	11/30/2009	
Vinyl chloride	BQL	1.00	0.149	1	11/30/2009	
Total Xylene	**1.08**	5.00	0.0650	1	11/30/2009	J

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.99	100
4-Bromofluorobenzene	10	9.86	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: DVO

Reviewed By: MP

Results for Metals

Client Sample ID:	9801-MW-1A	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 09:20
Lab Sample ID:	G121-430-1	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/25/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/25/2009	
Barium	**0.179**	0.100	0.00206	1	MG/L	6010B	11/25/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/25/2009	
Cobalt	**0.00368**	0.0100	0.00172	1	MG/L	6010B	11/25/2009	J
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/25/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/25/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/25/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/25/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/25/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00111**	0.00250	0.000586	10	MG/L	6020	12/1/2009	J
Zinc	**0.00380**	0.0100	0.00129	1	MG/L	6010B	11/25/2009	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:	9801-MW-2	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 07:35
Lab Sample ID:	G121-430-2	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/25/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/25/2009	
Barium	**0.0670**	0.100	0.00206	1	MG/L	6010B	11/25/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/25/2009	
Cobalt	**0.0201**	0.0100	0.00172	1	MG/L	6010B	11/25/2009	
Copper	**0.00404**	0.0100	0.00129	1	MG/L	6010B	11/25/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/25/2009	
Nickel	**0.0128**	0.0500	0.00236	1	MG/L	6010B	11/25/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/25/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/25/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00499**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.0281**	0.0100	0.00129	1	MG/L	6010B	11/25/2009	

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:	9801-MW-3	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 11:55
Lab Sample ID:	G121-430-3	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0902**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	**0.00190**	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00347**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.00702**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	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:	9801-MW-3A	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 11:45
Lab Sample ID:	G121-430-4	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.274**	0.100	0.00206	1	MG/L	6010B	11/26/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00131**	0.00250	0.000586	10	MG/L	6020	12/1/2009	J
Zinc	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

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:	9801-MW-4			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 09:45
Lab Sample ID:	G121-430-5			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.282**	0.100	0.00206	1	MG/L	6010B	11/26/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	**0.00130**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00199**	0.00250	0.000586	10	MG/L	6020	12/1/2009	J
Zinc	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

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:	9801-MW-5			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 10:30
Lab Sample ID:	G121-430-6			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.636**	0.100	0.00206	1	MG/L	6010B	11/26/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	**0.00278**	0.0500	0.00236	1	MG/L	6010B	11/26/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00415**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

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:	9801-MW-6	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 12:05
Lab Sample ID:	G121-430-7	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0643**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	**0.00199**	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	**0.000590**	0.00100	0.000158	10	MG/L	6020	12/1/2009	J
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	**0.0222**	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	**0.00145**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	**0.0361**	0.0500	0.00236	1	MG/L	6010B	11/26/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.0102**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.0455**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

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:	9801-MW-7	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 11:30
Lab Sample ID:	G121-430-8	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol: 50 mL	
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0973**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	**0.00151**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00140**	0.00250	0.000586	10	MG/L	6020	12/1/2009	J
Zinc	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

Comments

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

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METALS.XLS

Results for Metals

Client Sample ID:	9801-MW-8	Analyzed By:	PSW
Client Project ID:	Wilson Co.	Date Collected:	11/18/2009 09:25
Lab Sample ID:	G121-430-9	Date Received:	11/19/2009
Lab Project ID:	G121-430	Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL
Hg InitWt/Vol:		Final Vol:	
Prep Batch:	15588		

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0580**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	**0.00299**	0.0100	0.00172	1	MG/L	6010B	11/26/2009	J
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00184**	0.00250	0.000586	10	MG/L	6020	12/1/2009	J
Zinc	**0.00667**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	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:	9801-SW-1			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 10:45
Lab Sample ID:	G121-430-10			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0704**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	**0.0208**	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	**0.00269**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	**0.00250**	0.0500	0.00236	1	MG/L	6010B	11/26/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00525**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.110**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

Comments

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B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	9801-SW-2			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 10:15
Lab Sample ID:	G121-430-11			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.103**	0.100	0.00206	1	MG/L	6010B	11/26/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	**0.00419**	0.0100	0.00172	1	MG/L	6010B	11/26/2009	J
Copper	**0.00217**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00345**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.00989**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J

Comments

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METALS.XLS

Results for Metals

Client Sample ID:	9801-SW-3			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 12:20
Lab Sample ID:	G121-430-12			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.101**	0.100	0.00206	1	MG/L	6010B	11/26/2009	
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	**0.00693**	0.0100	0.00278	1	MG/L	6010B	11/26/2009	J
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00310**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.00324**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J

Comments

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METALS.XLS

Results for Metals

Client Sample ID:	9801-SW-4			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 10:00
Lab Sample ID:	G121-430-13			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0905**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	BQL	0.0100	0.00172	1	MG/L	6010B	11/26/2009	
Copper	BQL	0.0100	0.00129	1	MG/L	6010B	11/26/2009	
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	BQL	0.0500	0.00236	1	MG/L	6010B	11/26/2009	
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00256**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.00294**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J

Comments

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METALS.XLS

Results for Metals

Client Sample ID:	9801-SW-5			Analyzed By:	PSW
Client Project ID:	Wilson Co.			Date Collected:	11/18/2009 11:00
Lab Sample ID:	G121-430-14			Date Received:	11/19/2009
Lab Project ID:	G121-430			Matrix:	WATER
ICP InitWt/Vol:	50 mL	Final Vol:	50 mL		
Hg InitWt/Vol:		Final Vol:			
Prep Batch:	15588				

Metals	Result	SWSL	MDL	DF	Units	Method	Date Analyzed	Flags
Antimony	BQL	0.00600	0.00295	1	MG/L	6010B	11/26/2009	
Arsenic	BQL	0.0100	0.00491	1	MG/L	6010B	11/26/2009	
Barium	**0.0338**	0.100	0.00206	1	MG/L	6010B	11/26/2009	J
Beryllium	BQL	0.00100	0.000442	10	MG/L	6020	12/1/2009	
Cadmium	BQL	0.00100	0.000158	10	MG/L	6020	12/1/2009	
Chromium	BQL	0.0100	0.00146	1	MG/L	6010B	11/26/2009	
Cobalt	**0.00672**	0.0100	0.00172	1	MG/L	6010B	11/26/2009	J
Copper	**0.00419**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	J
Lead	BQL	0.0100	0.00679	1	MG/L	6010B	11/26/2009	
Nickel	**0.00497**	0.0500	0.00236	1	MG/L	6010B	11/26/2009	J
Selenium	BQL	0.0100	0.00278	1	MG/L	6010B	11/26/2009	
Silver	BQL	0.0100	0.000656	1	MG/L	6010B	11/26/2009	
Thallium	BQL	0.00550	0.000198	10	MG/L	6020	12/1/2009	
Vanadium	**0.00375**	0.00250	0.000586	10	MG/L	6020	12/1/2009	
Zinc	**0.0432**	0.0100	0.00129	1	MG/L	6010B	11/26/2009	

Comments

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B= Amount in Prep Blank > MDL

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SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

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

www.us.sgs.com

(1)

CLIENT: BABB + ASSOCIATES

CONTACT: GARY BABB PHONE NO:

PROJECT: WILSON CO SITE/PWSID# :

REPORTS TO: BABB + ASSOC. EMAIL: G BABB @ NC.RR.COM

INVOICE TO: BABB + ASSOC QUOTE #:

P.O. #:

SGS Reference #: G121-430

page 1 of 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	Preservatives Used: HCL	HNO3	Analysis Required (3): APP. I 8260	APP. I METALS	REMARKS/ LOC ID
	9801-MW-1A	11-18-09	920	W	4	G	✓	✓			
	9801-MW-2		735				✓	✓			
	9801-MW-3		1155				✓	✓			
	9801-MW-3A		1145				✓	✓			
	9801-MW-4		945				✓	✓			
	9801-MW-5		1030				✓	✓			
	9801-MW-6		1205				✓	✓			
	9801-MW-7		1130				✓	✓			
	9801-MW-8		925				✓	✓			
	9801-MW-1		1045				✓	✓			

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
John Strotten	11-18-09	1310	
Relinquished By: (2)	11-19-09	1000	Received By: Nathan Mus
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received For Laboratory By:

(4)

DOD Project? YES NO

Cooler ID 8709 8306 7065

Special Deliverable Requirements:

Requested Turnaround Time and-or Special Instructions:

Samples Received Cold? (YES) NO

Temperature°C: Cooler 5.1 . TB

Chain of Custody Seal: (Circle) (INTACT) BROKEN ABSENT

N.C. Certification #481

SGS North America, Inc.

❑ 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

SGS

SGS Environmental Services Inc.
CHAIN OF CUSTODY RECORD

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

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SGS Reference #: G121-430

page 2 of 2

(1)

CLIENT: BABB & ASSOCIATES
CONTACT: GARY BABB — PHONE NO:
PROJECT: WILSON Co — SITE/PWSID# :
REPORTS TO: BABB & ASSOC, — EMAIL: GBABB@NC.RR.COM
INVOICE TO: BABB & ASSOC — QUOTE #: — P.O. #:

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX/ MATRIX CODE	# CONTAINERS	SAMPLE TYPE C= COMP G= GRAB MI= Multi Incremental Samples	Preservatives Used: HCL	HNO3									REMARKS/ LOC ID
							Analysis Required (3): APPI 8260	APP I METALS									
	9801-SW-2	11-18-09	1015	W	4	G	✓	✓									
	9801-SW-3		1220				✓	✓									
	9801-SW-4		1000				✓	✓									
	9801-SW-5		1100				✓	✓									
	9801-TB			2			✓										

(4)

DOD Project? YES NO
Cooler ID 8709 8306 7065
Special Deliverable Requirements:
Requested Turnaround Time and-or Special Instructions:
Samples Received Cold? YES NO
Temperature °C: Cooler 5.1 . TB
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
John Strother	11-18-09	1310	
Relinquished By: (2)	11-19-09	1000	Received By: Peter Marcel
Relinquished By: (3)			Received By:
Relinquished By: (4)			Received For Laboratory By:

White - Retained by Lab
Pink - Retained by Client

[illegible] W. Potter Drive Anchorage, AK 99518 Tel: (907) 562-2343 Fax: (907) 561-5301

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