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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

SCS Engineers - Consultant; Pace Labs - Laboratory

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

Name: C. Ed Hilton, Jr., P.E. Phone: 813-621-0080

E-mail: ehilton@scsengineers.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Buncombe County New Landfill	85 Panther Branch Road Alexander, North Carolina 28701	11-07	.1600	April 2-6, 2012

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.

C. Ed Hilton, Jr., P.E.	Vice President	813-621-0080
Facility Representative Name (Print)	Title	(Area Code) Telephone Number

C. Ed Hilton Jr 16 July 2012

Signature Date

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

NORTH CAROLINA PROFESSIONAL SEAL 7909 ENGINEER C. EDWARD HILTON, JR.

Revised 01/2007

ATTACHMENT TO NC DENR ENVIRONMENTAL MONITORING REPORT FORM

SPRING 2012 STATISTICAL ANALYSIS

NEW BUNCOMBE COUNTY LANDFILL PERMIT # 11-07

Constituents detected during the Spring 2012 sampling event were analyzed in order to determine whether there is statically significant evidence of contamination. This analysis was conducted by calculating Tolerance Intervals using background and compliance well data and the non-parametric method specified in EPA, 1992[1]. Additionally, a two-sample test of proportions was conducted by comparing the compliance locations to background locations and compliance limits using the non-parametric test as provided in the U.S. Navy 1999 Guidance Document[2]. Background concentrations from the shallow monitoring well (MW-1) were compared to shallow compliance well MW-2 through MW-14 (installed April 5, 2006), with the exception of MW-9 which is no longer in service. The background concentrations from the deep monitoring well (MW-1D) were compared to the deep compliance wells (MW-2D, MW-4D, MW-5D, and MW-8D through MW-14D), again with the exception of MW-9D which is no longer in service. Tolerance Interval calculations and the two-sample test of proportions are provided in the attached tables.

Compliance well concentrations fell outside calculated Tolerance Intervals for sulfate at compliance wells MW-12. North Carolina Department of Environment and Natural Resources (NCDENR's) groundwater quality standard was not exceeded for sulfate. Iron and vanadium were detected at background wells MW-1 and MW-1D at levels that exceed NCDENR's groundwater quality standards, while detections at compliance wells MW-3 (cobalt and vanadium), MW-4D (vanadium), MW-12 (iron and manganese), MW-12D (iron), MW-13 (cobalt), MW-13D (cobalt) MW-14 (iron and vanadium) exceed their respective groundwater quality standards and are likely the result of background conditions. The two-sample test of proportions indicated these exceedances are not statistically significant.

Site ID's designated as LD or Leachate are liner detections or leachate which are not part of the groundwater. Historically, background and compliance wells typically have shown the presence of metals. We believe that this is a naturally occurring phenomena which has been present based on historical test results.

Reference:
[1] EPA, 1992. Statistical Analysis of Ground-Water Monitoring Data at RCRA Facilities, Addendum to Interim Final Guidance, Office of Solid Waste. Washington, D.C.

[2] U.S. Navy, 1999, Handbook for Statistical Analysis of Environmental Background Data, Prepared by SWDIV and EFA West of Naval Facilities Engineering Command, July 1999.

92115613

WELL CONDITION SUMMARY

Site: Buncombe County New Landfill **Personnel:** MPS

Date: 4.2 to 4-5-12 **Page** 1 of 5

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-1	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	2.5 gal
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Bailer disp	Dry @ 6.00
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	6.00 gal AREA AROUND 2D2D Needs some Clearing
MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Bailer	2+ gal
MW-3	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	3 gal
MW-4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	5.5 gal
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	21 gal

*Note ponding water, weep holes, or any other information pertaining to well condition. Provide additional details on listed items.
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MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	BAILER	7.75 gal
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP BAILER	24 gal
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	BAILER	11.50 gal

*Note ponding water, weep holes, or any other information pertaining to well condition. Provide additional details on listed items.
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WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MPJ

Date: 4-24-04-5-12

Page 3 of 5

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-7	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	4.5 gal
MW-8	☐ OK ☑ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	Dry 12.5 gall 8 & 8D Need work on
MW-8D	☐ OK ☑ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Disp Bailer	30.5 gal Outer metal caps won't shut securely
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	2.00 gal
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump	Dry @ 9.00 gal
MW-11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Disp Bailer	9.00 Gal
MW-11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Disp Bailer	20 gal

*Note ponding water, weep holes, or any other information pertaining to well condition. Provide additional details on listed items.
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	d	d				
MW-12	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	BAILER	2.50 GALLONS
MW-12D	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	BAILER	13 gallons
MW-13	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	BAILER	7.00 gallon

*Note ponding water, weep holes, or any other information pertaining to well condition. Provide additional details on listed items.
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WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MPS

Date: 4-2 to 4-5-12

Page 5 of 5

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	20 gallons
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Bailer	10 gal
MW-14D	☑ OK ☐ Damaged	☐ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump also Bailer	DRY @ 14.00 gal
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

*Note ponding water, weep holes, or any other information pertaining to well condition. Provide additional details on listed items.
Return this form to SCS Engineers

Detections By Date Range

Buncombe County New Facility

From: 4/4/2012 **To:** 4/6/2012

Site ID	Analyte	Date	Result	
MW-1				
	Alkalinity, Total as CaCO3			
		4/4/2012	39300	ug/L
	Barium			
		4/4/2012	119	ug/L
	Dissolved Oxygen			
		4/4/2012	7090	ug/L
	Iron			
		4/4/2012	1600	ug/L
	Manganese			
		4/4/2012	17.7	ug/L
	pH			
		4/4/2012	6.5	Std.
	Specific Conductance			
		4/4/2012	169	umh
	Static Water Level			
		4/4/2012	71.31	feet
	Sulfate			
		4/4/2012	15400	ug/L
	Temperature			
		4/4/2012	15.1	deg
	Total Dissolved Solids			
		4/4/2012	110000	ug/L
	Turbidity			
		4/4/2012	16.4	NTU
	Vanadium			
		4/4/2012	6.8	ug/L

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V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
MW-10				
	Barium			
		4/4/2012	125	ug/L
	pH			
		4/4/2012	6.1	Std.
	Specific Conductance			
		4/4/2012	308	umh
	Static Water Level			
		4/4/2012	69.88	feet
	Temperature			
		4/4/2012	15.2	deg
	Turbidity			
		4/4/2012	4.53	NTU
	Zinc			
		4/4/2012	13.5	ug/L
MW-10D				
	Barium			
		4/4/2012	16.9	ug/L
	Nickel			
		4/4/2012	6.8	ug/L
	pH			
		4/4/2012	6.6	Std.
	Specific Conductance			
		4/4/2012	258	umh
	Static Water Level			
		4/4/2012	70.33	feet
	Temperature			
		4/4/2012	16	deg
	Turbidity			
		4/4/2012	4.19	NTU

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Site ID	Analyte	Date	Result	
MW-11				
	Barium			
		4/6/2012	68.4	ug/L
	Nickel			
		4/6/2012	9.2	ug/L
	pH			
		4/6/2012	6.8	Std.
	Specific Conductance			
		4/6/2012	363	umh
	Static Water Level			
		4/6/2012	32.26	feet
	Temperature			
		4/6/2012	14	deg
	Turbidity			
		4/6/2012	1.84	NTU
MW-11D				
	Barium			
		4/6/2012	13.2	ug/L
	pH			
		4/6/2012	6.6	Std.
	Specific Conductance			
		4/6/2012	347	umh
	Static Water Level			
		4/6/2012	32.82	feet
	Temperature			
		4/6/2012	14.1	deg
	Turbidity			
		4/6/2012	2.8	NTU

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Site ID	Analyte	Date	Result	
MW-12				
	Alkalinity, Total as CaCO3			
		4/5/2012	129000	ug/L
	Barium			
		4/5/2012	101	ug/L
	Chloride			
		4/5/2012	15300	ug/L
	Dissolved Oxygen			
		4/5/2012	3900	ug/L
	Iron			
		4/5/2012	477	ug/L
	Manganese			
		4/5/2012	61.5	ug/L
	pH			
		4/5/2012	6	Std.
	Specific Conductance			
		4/5/2012	564	umh
	Static Water Level			
		4/5/2012	12.08	feet
	Sulfate			
		4/5/2012	88300	ug/L
	Temperature			
		4/5/2012	13.2	deg
	Total Dissolved Solids			
		4/5/2012	343000	ug/L
	Turbidity			
		4/5/2012	3.88	NTU

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Site ID	Analyte	Date	Result	
MW-12D				
	Alkalinity, Total as CaCO3			
		4/5/2012	125000	ug/L
	Barium			
		4/5/2012	43.5	ug/L
	Chloride			
		4/5/2012	7800	ug/L
	Dissolved Oxygen			
		4/5/2012	3110	ug/L
	Iron			
		4/5/2012	657	ug/L
	Manganese			
		4/5/2012	13.6	ug/L
	pH			
		4/5/2012	6.6	Std.
	Specific Conductance			
		4/5/2012	326	umh
	Static Water Level			
		4/5/2012	11.24	feet
	Sulfate			
		4/5/2012	25300	ug/L
	Temperature			
		4/5/2012	13.2	deg
	Total Dissolved Solids			
		4/5/2012	186000	ug/L
	Turbidity			
		4/5/2012	14.7	NTU
MW-13				
	Barium			
		4/5/2012	158	ug/L
	Cobalt			
		4/5/2012	46	ug/L
	pH			
		4/5/2012	6.5	Std.
	Specific Conductance			
		4/5/2012	396	umh
	Static Water Level			
		4/5/2012	5.54	feet
	Temperature			
		4/5/2012	15.6	deg
	Turbidity			
		4/5/2012	14.9	NTU

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Site ID	Analyte	Date	Result	
MW-13D				
	Barium			
		4/5/2012	248	ug/L
	Cobalt			
		4/5/2012	22.2	ug/L
	Nickel			
		4/5/2012	19.3	ug/L
	pH			
		4/5/2012	6	Std.
	Specific Conductance			
		4/5/2012	357	umh
	Static Water Level			
		4/5/2012	7.13	feet
	Temperature			
		4/5/2012	14.3	deg
	Turbidity			
		4/5/2012	9.55	NTU
	Zinc			
		4/5/2012	13	ug/L

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Site ID	Analyte	Date	Result	
MW-14				
	Alkalinity, Total as CaCO3			
		4/5/2012	63500	ug/L
	Barium			
		4/5/2012	58.1	ug/L
	Chromium			
		4/5/2012	5.3	ug/L
	Dissolved Oxygen			
		4/5/2012	5560	ug/L
	Iron			
		4/5/2012	3010	ug/L
	Manganese			
		4/5/2012	19.8	ug/L
	pH			
		4/5/2012	6.1	Std.
	Specific Conductance			
		4/5/2012	212	umh
	Static Water Level			
		4/5/2012	31.73	feet
	Sulfate			
		4/5/2012	26100	ug/L
	Temperature			
		4/5/2012	14.8	deg
	Total Dissolved Solids			
		4/5/2012	167000	ug/L
	Turbidity			
		4/5/2012	41	NTU
	Vanadium			
		4/5/2012	10.3	ug/L

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Site ID	Analyte	Date	Result	
MW-14D				
	Alkalinity, Total as CaCO3			
		4/5/2012	119000	ug/L
	Barium			
		4/5/2012	11.9	ug/L
	Dissolved Oxygen			
		4/5/2012	8710	ug/L
	pH			
		4/5/2012	6.9	Std.
	Specific Conductance			
		4/5/2012	281	umh
	Static Water Level			
		4/5/2012	31.81	feet
	Sulfate			
		4/5/2012	13800	ug/L
	Temperature			
		4/5/2012	13.8	deg
	Total Dissolved Solids			
		4/5/2012	162000	ug/L
	Turbidity			
		4/5/2012	1.51	NTU

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Site ID	Analyte	Date	Result	
MW-1D				
	Alkalinity, Total as CaCO3			
		4/4/2012	86800	ug/L
	Barium			
		4/4/2012	29.7	ug/L
	Dissolved Oxygen			
		4/4/2012	6570	ug/L
	Iron			
		4/4/2012	858	ug/L
	Manganese			
		4/4/2012	9.8	ug/L
	pH			
		4/4/2012	709	Std.
		4/4/2012	7.9	Std.
	Specific Conductance			
		4/4/2012	243	umh
	Static Water Level			
		4/4/2012	73.42	feet
	Sulfate			
		4/4/2012	40000	ug/L
	Temperature			
		4/4/2012	15.6	deg
	Total Dissolved Solids			
		4/4/2012	302000	ug/L
	Turbidity			
		4/4/2012	54.4	NTU
	Vanadium			
		4/4/2012	5.4	ug/L
	Zinc			
		4/4/2012	12.2	ug/L
MW-2				
	Barium			
		4/4/2012	63	ug/L
	pH			
		4/4/2012	6	Std.
	Specific Conductance			
		4/4/2012	167	umh
	Static Water Level			
		4/4/2012	8.79	feet
	Temperature			
		4/4/2012	12.5	deg
	Turbidity			
		4/4/2012	10.48	NTU

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Site ID	Analyte	Date	Result	
MW-2D				
	Barium			
		4/4/2012	82.1	ug/L
	pH			
		4/4/2012	6.8	Std.
	Specific Conductance			
		4/4/2012	248	umh
	Static Water Level			
		4/4/2012	8.31	feet
	Temperature			
		4/4/2012	11.6	deg
	Turbidity			
		4/4/2012	1.77	NTU
MW-3				
	Barium			
		4/4/2012	177	ug/L
	Chromium			
		4/4/2012	7.6	ug/L
	Cobalt			
		4/4/2012	11.3	ug/L
	Copper			
		4/4/2012	6.3	ug/L
	Nickel			
		4/4/2012	26.2	ug/L
	pH			
		4/4/2012	6	Std.
	Specific Conductance			
		4/4/2012	277	umh
	Static Water Level			
		4/4/2012	31.91	feet
	Temperature			
		4/4/2012	15.9	deg
	Turbidity			
		4/4/2012	55.7	NTU
	Vanadium			
		4/4/2012	12.8	ug/L
	Zinc			
		4/4/2012	17.3	ug/L

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Site ID	Analyte	Date	Result	
MW-4				
	Barium			
		4/5/2012	59.4	ug/L
	pH			
		4/5/2012	6	Std.
	Specific Conductance			
		4/5/2012	189	umh
	Static Water Level			
		4/5/2012	13.09	feet
	Temperature			
		4/5/2012	14	deg
	Turbidity			
		4/5/2012	3.2	NTU
MW-4D				
	Barium			
		4/5/2012	33.3	ug/L
	pH			
		4/5/2012	6.2	Std.
	Specific Conductance			
		4/5/2012	259	umh
	Static Water Level			
		4/5/2012	13.45	feet
	Temperature			
		4/5/2012	14.2	deg
	Turbidity			
		4/5/2012	18.6	NTU
	Vanadium			
		4/5/2012	8.5	ug/L
MW-5				
	Barium			
		4/5/2012	96.6	ug/L
	pH			
		4/5/2012	6.2	Std.
	Specific Conductance			
		4/5/2012	115	umh
	Static Water Level			
		4/5/2012	34.75	feet
	Temperature			
		4/5/2012	16.9	deg
	Turbidity			
		4/5/2012	4.84	NTU
	Zinc			
		4/5/2012	11.1	ug/L

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Site ID	Analyte	Date	Result	
MW-5D				
	Barium			
		4/5/2012	57.1	ug/L
	pH			
		4/5/2012	6.2	Std.
	Specific Conductance			
		4/5/2012	196	umh
	Static Water Level			
		4/5/2012	36.67	feet
	Temperature			
		4/5/2012	16	deg
	Turbidity			
		4/5/2012	3.2	NTU
	Zinc			
		4/5/2012	18.7	ug/L
MW-6				
	Barium			
		4/4/2012	55	ug/L
	pH			
		4/4/2012	6	Std.
	Specific Conductance			
		4/4/2012	149	umh
	Static Water Level			
		4/4/2012	27.04	feet
	Temperature			
		4/4/2012	16.4	deg
	Turbidity			
		4/4/2012	10.53	NTU

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
MW-7				
	1,1-Dichloroethane			
		4/4/2012	2.1	ug/L
	Barium			
		4/4/2012	132	ug/L
	Nickel			
		4/4/2012	8.8	ug/L
	pH			
		4/4/2012	6.2	Std.
	Specific Conductance			
		4/4/2012	719	umh
	Static Water Level			
		4/4/2012	47.84	feet
	Temperature			
		4/4/2012	16.4	deg
	Turbidity			
		4/4/2012	6.42	NTU
MW-8				
	Barium			
		4/6/2012	96	ug/L
	pH			
		4/6/2012	6.7	Std.
	Specific Conductance			
		4/6/2012	278	umh
	Static Water Level			
		4/6/2012	35.36	feet
	Temperature			
		4/6/2012	13.6	deg
	Turbidity			
		4/6/2012	11	NTU
	Zinc			
		4/6/2012	18.3	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
MW-8D				
	Barium			
		4/6/2012	119	ug/L
	pH			
		4/6/2012	6.5	Std.
	Specific Conductance			
		4/6/2012	3.6	umh
	Static Water Level			
		4/6/2012	34.34	feet
	Temperature			
		4/6/2012	14.2	deg
	Turbidity			
		4/6/2012	2.42	NTU
	Zinc			
		4/6/2012	29.8	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Exceedances by Date Range

Buncombe County New Facility

From: 4/4/2012 ***To:*** 4/5/2012

Site ID	Analyte			Date	Result	
MW-1						
	Iron					
	MCL:	300	ug/L			
				4/4/2012	1600	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				4/4/2012	6.8	ug/L
MW-12						
	Iron					
	MCL:	300	ug/L			
				4/5/2012	477	ug/L
	Manganese					
	MCL:	50	ug/L			
				4/5/2012	61.5	ug/L
MW-12D						
	Iron					
	MCL:	300	ug/L			
				4/5/2012	657	ug/L
MW-13						
	Cobalt					
	MCL:	1	ug/L			
				4/5/2012	46	ug/L
MW-13D						
	Cobalt					
	MCL:	1	ug/L			
				4/5/2012	22.2	ug/L
MW-14						
	Iron					
	MCL:	300	ug/L			
				4/5/2012	3010	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				4/5/2012	10.3	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte			Date	Result	
MW-1D						
	Iron					
	MCL:	300	ug/L			
				4/4/2012	858	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				4/4/2012	5.4	ug/L
MW-3						
	Cobalt					
	MCL:	1	ug/L			
				4/4/2012	11.3	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				4/4/2012	12.8	ug/L
MW-4D						
	Vanadium					
	MCL:	0.3	ug/L			
				4/5/2012	8.5	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Detections By Date Range

Buncombe County New Facility

From: 4/2/2012 **To:** 4/2/2012

Site ID	Analyte	Date	Result	
SW-1				
	Barium			
		4/2/2012	109	ug/L
		4/2/2012	109	ug/L
	pH			
		4/2/2012	6.9	Std.
		4/2/2012	6.9	Std.
	Specific Conductance			
		4/2/2012	137	umh
		4/2/2012	137	umh
	Temperature			
		4/2/2012	19.2	deg
		4/2/2012	19.2	deg
	Turbidity			
		4/2/2012	5.02	NTU
		4/2/2012	5.02	NTU
SW-2				
	Barium			
		4/2/2012	53.5	ug/L
		4/2/2012	53.5	ug/L
	pH			
		4/2/2012	8.4	Std.
		4/2/2012	8.4	Std.
	Specific Conductance			
		4/2/2012	141	umh
		4/2/2012	141	umh
	Temperature			
		4/2/2012	16.6	deg
		4/2/2012	16.6	deg
	Turbidity			
		4/2/2012	8.4	NTU
		4/2/2012	8.4	NTU

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
SW-3				
	Barium			
		4/2/2012	40.4	ug/L
		4/2/2012	40.4	ug/L
	pH			
		4/2/2012	9.2	Std.
		4/2/2012	9.2	Std.
	Specific Conductance			
		4/2/2012	173	umh
		4/2/2012	173	umh
	Temperature			
		4/2/2012	29.6	deg
		4/2/2012	29.6	deg
	Turbidity			
		4/2/2012	7.19	NTU
		4/2/2012	7.19	NTU
	Zinc			
		4/2/2012	10.4	ug/L
		4/2/2012	10.4	ug/L
SW-4				
		4/2/2012	266	mV
		4/2/2012	266	mV
	Barium			
		4/2/2012	95.3	ug/L
		4/2/2012	95.3	ug/L
	Chromium			
		4/2/2012	7.1	ug/L
		4/2/2012	7.1	ug/L
	Lead			
		4/2/2012	19.8	ug/L
		4/2/2012	19.8	ug/L
	pH			
		4/2/2012	7.8	Std.
		4/2/2012	7.8	Std.
	Temperature			
		4/2/2012	20.5	deg
		4/2/2012	20.5	deg
	Turbidity			
		4/2/2012	11	NTU
		4/2/2012	11	NTU
	Zinc			
		4/2/2012	24	ug/L
		4/2/2012	24	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
SW-5				
	Barium			
		4/2/2012	63.4	ug/L
		4/2/2012	63.4	ug/L
	pH			
		4/2/2012	8.2	Std.
		4/2/2012	8.2	Std.
	Specific Conductance			
		4/2/2012	663	umh
		4/2/2012	663	umh
	Temperature			
		4/2/2012	17.3	deg
		4/2/2012	17.3	deg
	Turbidity			
		4/2/2012	2.2	NTU
		4/2/2012	2.2	NTU
	Zinc			
		4/2/2012	11.9	ug/L
		4/2/2012	11.9	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Detections By Date Range

Buncombe County New Facility

From: 4/2/2012 **To:** 4/2/2012

Site ID	Analyte	Date	Result	
LD-1				
	1,1-Dichloroethane			
		4/2/2012	2.6	ug/L
		4/2/2012	2.6	ug/L
	Barium			
		4/2/2012	65.3	ug/L
		4/2/2012	65.3	ug/L
	Cobalt			
		4/2/2012	152	ug/L
		4/2/2012	152	ug/L
	Copper			
		4/2/2012	5.8	ug/L
		4/2/2012	5.8	ug/L
	Nickel			
		4/2/2012	48.6	ug/L
		4/2/2012	48.6	ug/L
	pH			
		4/2/2012	5.1	Std.
		4/2/2012	5.1	Std.
	Specific Conductance			
		4/2/2012	226	umh
		4/2/2012	226	umh
	Temperature			
		4/2/2012	20.3	deg
		4/2/2012	20.3	deg
	Turbidity			
		4/2/2012	5.68	NTU
		4/2/2012	5.68	NTU
	Zinc			
		4/2/2012	17.8	ug/L
		4/2/2012	17.8	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
LD-2				
	1,1-Dichloroethane			
		4/2/2012	4	ug/L
		4/2/2012	4	ug/L
	Barium			
		4/2/2012	72.8	ug/L
		4/2/2012	72.8	ug/L
	Nickel			
		4/2/2012	5.5	ug/L
		4/2/2012	5.5	ug/L
	pH			
		4/2/2012	5.8	Std.
		4/2/2012	5.8	Std.
	Specific Conductance			
		4/2/2012	373	umh
		4/2/2012	373	umh
	Temperature			
		4/2/2012	17.4	deg
		4/2/2012	17.4	deg
	Turbidity			
		4/2/2012	2.21	NTU
		4/2/2012	2.21	NTU
	Zinc			
		4/2/2012	10.4	ug/L
		4/2/2012	10.4	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
LD-3				
	Barium			
		4/2/2012	304	ug/L
		4/2/2012	304	ug/L
	Benzene			
		4/2/2012	1.7	ug/L
		4/2/2012	1.7	ug/L
	Cobalt			
		4/2/2012	29	ug/L
		4/2/2012	29	ug/L
	Nickel			
		4/2/2012	8.4	ug/L
		4/2/2012	8.4	ug/L
	pH			
		4/2/2012	6.4	Std.
		4/2/2012	6.4	Std.
	Specific Conductance			
		4/2/2012	550	umh
		4/2/2012	550	umh
	Temperature			
		4/2/2012	19.2	deg
		4/2/2012	19.2	deg
	Turbidity			
		4/2/2012	19	NTU
		4/2/2012	19	NTU

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
LD-4				
	1,1-Dichloroethane			
		4/2/2012	1.2	ug/L
		4/2/2012	1.2	ug/L
	2-Butanone			
		4/2/2012	7520	ug/L
		4/2/2012	7520	ug/L
	2-Hexanone			
		4/2/2012	7	ug/L
		4/2/2012	7	ug/L
	4-Methyl-2-pentanone			
		4/2/2012	99.1	ug/L
		4/2/2012	99.1	ug/L
	Acetone			
		4/2/2012	7630	ug/L
		4/2/2012	7630	ug/L
	Antimony			
		4/2/2012	58.1	ug/L
		4/2/2012	58.1	ug/L
	Arsenic			
		4/2/2012	52.1	ug/L
		4/2/2012	52.1	ug/L
	Barium			
		4/2/2012	66.2	ug/L
		4/2/2012	66.2	ug/L
	Benzene			
		4/2/2012	4.1	ug/L
		4/2/2012	4.1	ug/L
	Beryllium			
		4/2/2012	13.4	ug/L
		4/2/2012	13.4	ug/L
	Chromium			
		4/2/2012	1380	ug/L
		4/2/2012	1380	ug/L
	Cobalt			
		4/2/2012	340	ug/L
		4/2/2012	340	ug/L
	Copper			
		4/2/2012	5140	ug/L
		4/2/2012	5140	ug/L
	Ethylbenzene			
		4/2/2012	2.9	ug/L
		4/2/2012	2.9	ug/L
	m&p-Xylene			
		4/2/2012	4.1	ug/L
		4/2/2012	4.1	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
LD-4				
	Nickel			
		4/2/2012	701	ug/L
		4/2/2012	701	ug/L
	pH			
		4/2/2012	2.2	Std.
		4/2/2012	2.2	Std.
	Specific Conductance			
		4/2/2012	1484	umh
		4/2/2012	1484	umh
	Temperature			
		4/2/2012	19.6	deg
		4/2/2012	19.6	deg
	Toluene			
		4/2/2012	12.7	ug/L
		4/2/2012	12.7	ug/L
	Turbidity			
		4/2/2012	15.7	NTU
		4/2/2012	15.7	NTU
	Vanadium			
		4/2/2012	66.1	ug/L
		4/2/2012	66.1	ug/L
	Xylene, o-			
		4/2/2012	2.2	ug/L
		4/2/2012	2.2	ug/L
	Xylenes- Total			
		4/2/2012	6.3	ug/L
		4/2/2012	6.3	ug/L
	Zinc			
		4/2/2012	354	ug/L
		4/2/2012	354	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
LD-5				
	Barium			
		4/2/2012	338	ug/L
		4/2/2012	338	ug/L
	Cobalt			
		4/2/2012	139	ug/L
		4/2/2012	139	ug/L
	Nickel			
		4/2/2012	38.6	ug/L
		4/2/2012	38.6	ug/L
	pH			
		4/2/2012	6.2	Std.
		4/2/2012	6.2	Std.
	Specific Conductance			
		4/2/2012	702	umh
		4/2/2012	702	umh
	Temperature			
		4/2/2012	18.3	deg
		4/2/2012	18.3	deg
	Turbidity			
		4/2/2012	20.1	NTU
		4/2/2012	20.1	NTU
LD-6				
	Barium			
		4/2/2012	323	ug/L
		4/2/2012	323	ug/L
	Cobalt			
		4/2/2012	66.1	ug/L
		4/2/2012	66.1	ug/L
	pH			
		4/2/2012	6.5	Std.
		4/2/2012	6.5	Std.
	Specific Conductance			
		4/2/2012	663	umh
		4/2/2012	663	umh
	Temperature			
		4/2/2012	18.4	deg
		4/2/2012	18.4	deg
	Turbidity			
		4/2/2012	17.8	NTU
		4/2/2012	17.8	NTU
	Zinc			
		4/2/2012	15.8	ug/L
		4/2/2012	15.8	ug/L

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Site ID	Analyte	Date	Result	
LEACHATE				
	2-Butanone			
		4/2/2012	38.3	ug/L
		4/2/2012	38.3	ug/L
	Acetone			
		4/2/2012	105	ug/L
		4/2/2012	105	ug/L
	Barium			
		4/2/2012	78.2	ug/L
		4/2/2012	78.2	ug/L
	Chromium			
		4/2/2012	10	ug/L
		4/2/2012	10	ug/L
	Nickel			
		4/2/2012	36.2	ug/L
		4/2/2012	36.2	ug/L
	pH			
		4/2/2012	8.4	Std.
		4/2/2012	8.4	Std.
	Specific Conductance			
		4/2/2012	2992	umh
		4/2/2012	2992	umh
	Temperature			
		4/2/2012	24.2	deg
		4/2/2012	24.2	deg
	Turbidity			
		4/2/2012	21.9	NTU
		4/2/2012	21.9	NTU

I = The reported value is between the laboratory method detection limit and the laboratory practical quatitation limit.
V = Indicates the anlyte was detected in both the sample and the associated method blank.

Non-Parametric Tolerance Interval

Parameter: 1,1-Dichloroethane

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 99.1579%
Background measurements (n) = 46
Maximum Background Concentration = 2.5
Minimum Coverage = 93.7%
Average Coverage = 97.8723%

Location	Date	Value	Significant
MW-5	4/13/1998	ND<0.5 U	FALSE
MW-5	11/11/1998	ND<0.5 U	FALSE
MW-5	4/26/1999	ND<0.5 U	FALSE
MW-5	11/2/1999	ND<0.5 U	FALSE
MW-5	4/3/2000	ND<0.5 U	FALSE
MW-5	11/6/2000	ND<2.5 U	FALSE
MW-5	10/22/2001	ND<1 U	FALSE
MW-5	4/29/2002	ND<0.5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<0.5 U	FALSE
MW-5	3/30/2004	ND<0.5 U	FALSE
MW-5	9/27/2004	ND<0.5 U	FALSE
MW-5	4/12/2005	ND<0.5 U	FALSE
MW-5	9/26/2005	ND<0.5 U	FALSE
MW-5	3/27/2007	ND<0.5 U	FALSE
MW-5	9/27/2007	ND<0.5 U	FALSE
MW-5	3/26/2008	ND<0.16 U	FALSE
MW-5	9/30/2008	ND<0.5 U	FALSE
MW-5	3/26/2009	ND<0.5 U	FALSE
MW-5	10/2/2009	ND<0.5 U	FALSE
MW-5	4/2/2010	ND<0.5 U	FALSE
MW-5	10/6/2010	ND<0.5 U	FALSE
MW-5	3/25/2011	ND<0.5 U	FALSE
MW-5	10/5/2011	ND<0.5 U	FALSE
MW-5	4/5/2012	ND<0.5 U	FALSE
MW-5D	4/13/1998	ND<0.5 U	FALSE
MW-5D	11/11/1998	ND<0.5 U	FALSE
MW-5D	4/26/1999	ND<0.5 U	FALSE
MW-5D	11/2/1999	ND<0.5 U	FALSE
MW-5D	4/3/2000	ND<0.5 U	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<1 U	FALSE
MW-5D	4/29/2002	ND<0.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<0.5 U	FALSE
MW-5D	3/29/2004	ND<0.5 U	FALSE
MW-5D	9/27/2004	ND<0.5 U	FALSE
MW-5D	4/12/2005	ND<0.5 U	FALSE
MW-5D	9/26/2005	ND<0.5 U	FALSE
MW-5D	3/27/2007	ND<0.5 U	FALSE
MW-5D	9/27/2007	ND<0.5 U	FALSE
MW-5D	3/26/2008	ND<0.16 U	FALSE

MW-5D	9/30/2008	ND<0.5 U	FALSE
MW-5D	3/26/2009	ND<0.5 U	FALSE
MW-5D	10/2/2009	ND<0.5 U	FALSE
MW-5D	4/2/2010	ND<0.5 U	FALSE
MW-5D	10/6/2010	ND<0.5 U	FALSE
MW-5D	3/25/2011	ND<0.5 U	FALSE
MW-5D	10/5/2011	ND<0.5 U	FALSE
MW-5D	4/5/2012	ND<0.5 U	FALSE
MW-6	4/13/1998	ND<0.5 U	FALSE
MW-6	11/11/1998	ND<0.5 U	FALSE
MW-6	4/26/1999	ND<0.5 U	FALSE
MW-6	11/2/1999	ND<0.5 U	FALSE
MW-6	4/3/2000	ND<0.5 U	FALSE
MW-6	11/6/2000	ND<2.5 U	FALSE
MW-6	10/22/2001	ND<1 U	FALSE
MW-6	4/29/2002	ND<0.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	ND<0.5 U	FALSE
MW-6	3/30/2004	ND<0.5 U	FALSE
MW-6	9/27/2004	ND<0.5 U	FALSE
MW-6	4/12/2005	ND<0.5 U	FALSE
MW-6	9/26/2005	ND<0.5 U	FALSE
MW-6	3/27/2007	ND<0.5 U	FALSE
MW-6	9/27/2007	ND<0.5 U	FALSE
MW-6	3/26/2008	ND<0.16 U	FALSE
MW-6	9/30/2008	ND<0.5 U	FALSE
MW-6	3/26/2009	ND<0.5 U	FALSE
MW-6	10/2/2009	ND<0.5 U	FALSE
MW-6	4/2/2010	ND<0.5 U	FALSE
MW-6	10/6/2010	ND<0.5 U	FALSE
MW-6	3/25/2011	ND<0.5 U	FALSE
MW-6	10/5/2011	ND<0.5 U	FALSE
MW-6	4/4/2012	ND<0.5 U	FALSE
MW-7	4/13/1998	ND<0.5 U	FALSE
MW-7	11/11/1998	ND<0.5 U	FALSE
MW-7	4/26/1999	ND<0.5 U	FALSE
MW-7	11/2/1999	ND<0.5 U	FALSE
MW-7	4/3/2000	ND<0.5 U	FALSE
MW-7	11/6/2000	ND<2.5 U	FALSE
MW-7	10/22/2001	ND<1 U	FALSE
MW-7	4/29/2002	ND<0.5 U	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	ND<0.5 U	FALSE
MW-7	3/30/2004	ND<0.5 U	FALSE
MW-7	9/27/2004	ND<0.5 U	FALSE
MW-7	4/12/2005	ND<0.5 U	FALSE
MW-7	9/26/2005	ND<0.5 U	FALSE
MW-7	3/27/2007	ND<0.5 U	FALSE
MW-7	9/27/2007	ND<0.5 U	FALSE
MW-7	3/26/2008	ND<0.16 U	FALSE
MW-7	9/26/2008	ND<0.5 U	FALSE
MW-7	3/26/2009	ND<0.5 U	FALSE
MW-7	10/1/2009	ND<0.5 U	FALSE

MW-7	4/2/2010	ND<0.5 U	FALSE
MW-7	10/6/2010	1.8	FALSE
MW-7	3/25/2011	2.2	FALSE
MW-7	10/5/2011	2.1	FALSE
MW-7	4/4/2012	2.1	FALSE

MW-3	4/14/1998	ND<0.5 U	FALSE
MW-3	11/9/1998	ND<0.5 U	FALSE
MW-3	4/27/1999	ND<0.5 U	FALSE
MW-3	11/1/1999	ND<0.5 U	FALSE
MW-3	4/3/2000	ND<0.5 U	FALSE
MW-3	11/6/2000	ND<2.5 U	FALSE
MW-3	10/22/2001	ND<1 U	FALSE
MW-3	4/29/2002	ND<0.5 U	FALSE
MW-3	3/24/2003	ND<2.5 U	FALSE
MW-3	9/29/2003	ND<0.5 U	FALSE
MW-3	3/30/2004	ND<0.5 U	FALSE
MW-3	9/27/2004	ND<0.5 U	FALSE
MW-3	4/11/2005	ND<0.5 U	FALSE
MW-3	9/26/2005	ND<0.5 U	FALSE
MW-3	3/27/2007	ND<0.5 U	FALSE
MW-3	9/28/2007	ND<0.5 U	FALSE
MW-3	3/26/2008	ND<0.16 U	FALSE
MW-3	9/30/2008	ND<0.5 U	FALSE
MW-3	3/26/2009	ND<0.5 U	FALSE
MW-3	10/1/2009	ND<0.5 U	FALSE
MW-3	4/2/2010	ND<0.5 U	FALSE
MW-3	10/6/2010	ND<0.5 U	FALSE
MW-3	3/25/2011	ND<0.5 U	FALSE
MW-3	10/5/2011	ND<0.5 U	FALSE
MW-3	4/4/2012	ND<0.5 U	FALSE

MW-2	4/15/1998	ND<0.5 U	FALSE
MW-2	11/11/1998	ND<0.5 U	FALSE
MW-2	4/27/1999	ND<0.5 U	FALSE
MW-2	11/2/1999	ND<0.5 U	FALSE
MW-2	4/4/2000	ND<0.5 U	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	10/22/2001	ND<1 U	FALSE
MW-2	4/29/2002	ND<0.5 U	FALSE
MW-2	3/24/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	ND<0.5 U	FALSE
MW-2	3/29/2004	ND<0.5 U	FALSE
MW-2	9/27/2004	ND<0.5 U	FALSE
MW-2	4/11/2005	ND<0.5 U	FALSE
MW-2	9/26/2005	ND<0.5 U	FALSE
MW-2	3/27/2007	ND<0.5 U	FALSE
MW-2	9/28/2007	ND<0.5 U	FALSE
MW-2	3/26/2008	ND<0.16 U	FALSE
MW-2	9/29/2008	ND<0.5 U	FALSE
MW-2	3/26/2009	ND<0.5 U	FALSE
MW-2	10/1/2009	ND<0.5 U	FALSE
MW-2	4/6/2010	ND<0.5 U	FALSE
MW-2	10/8/2010	ND<0.5 U	FALSE
MW-2	3/25/2011	ND<0.5 U	FALSE

MW-2	10/5/2011	ND<0.5 U	FALSE
MW-2	4/4/2012	ND<0.5 U	FALSE

MW-2D	4/15/1998	ND<0.5 U	FALSE
MW-2D	11/11/1998	ND<0.5 U	FALSE
MW-2D	4/27/1999	ND<0.5 U	FALSE
MW-2D	11/2/1999	ND<0.5 U	FALSE
MW-2D	4/4/2000	ND<0.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	7/20/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<1 U	FALSE
MW-2D	4/29/2002	ND<0.5 U	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	ND<0.5 U	FALSE
MW-2D	3/29/2004	ND<0.5 U	FALSE
MW-2D	9/27/2004	ND<0.5 U	FALSE
MW-2D	4/11/2005	ND<0.5 U	FALSE
MW-2D	9/26/2005	ND<0.5 U	FALSE
MW-2D	3/27/2007	ND<0.5 U	FALSE
MW-2D	9/28/2007	ND<0.5 U	FALSE
MW-2D	3/26/2008	ND<0.16 U	FALSE
MW-2D	9/29/2008	ND<0.5 U	FALSE
MW-2D	3/26/2009	ND<0.5 U	FALSE
MW-2D	10/1/2009	ND<0.5 U	FALSE
MW-2D	4/6/2010	ND<0.5 U	FALSE
MW-2D	10/8/2010	ND<0.5 U	FALSE
MW-2D	3/25/2011	ND<0.5 U	FALSE
MW-2D	10/5/2011	ND<0.5 U	FALSE
MW-2D	4/4/2012	ND<0.5 U	FALSE

MW-4	4/15/1998	ND<0.5 U	FALSE
MW-4	11/9/1998	ND<0.5 U	FALSE
MW-4	4/26/1999	ND<0.5 U	FALSE
MW-4	11/1/1999	ND<0.5 U	FALSE
MW-4	4/4/2000	ND<0.5 U	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	10/22/2001	ND<1 U	FALSE
MW-4	4/29/2002	ND<0.5 U	FALSE
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<0.5 U	FALSE
MW-4	3/29/2004	ND<0.5 U	FALSE
MW-4	9/27/2004	ND<0.5 U	FALSE
MW-4	4/11/2005	ND<0.5 U	FALSE
MW-4	9/26/2005	ND<0.5 U	FALSE
MW-4	3/27/2007	ND<0.5 U	FALSE
MW-4	9/28/2007	ND<0.5 U	FALSE
MW-4	3/26/2008	ND<0.16 U	FALSE
MW-4	9/29/2008	ND<0.5 U	FALSE
MW-4	3/26/2009	ND<0.5 U	FALSE
MW-4	10/2/2009	ND<0.5 U	FALSE
MW-4	4/6/2010	ND<0.5 U	FALSE
MW-4	10/7/2010	ND<0.5 U	FALSE
MW-4	3/29/2011	ND<0.5 U	FALSE
MW-4	10/5/2011	ND<0.5 U	FALSE
MW-4	4/5/2012	ND<0.5 U	FALSE

MW-4D	4/15/1998	ND<0.5 U	FALSE
MW-4D	11/9/1998	ND<0.5 U	FALSE
MW-4D	4/26/1999	ND<0.5 U	FALSE
MW-4D	11/1/1999	ND<0.5 U	FALSE
MW-4D	4/4/2000	ND<0.5 U	FALSE
MW-4D	11/6/2000	ND<2.5 U	FALSE
MW-4D	10/22/2001	ND<1 U	FALSE
MW-4D	4/29/2002	ND<0.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<0.5 U	FALSE
MW-4D	3/29/2004	ND<0.5 U	FALSE
MW-4D	9/27/2004	ND<0.5 U	FALSE
MW-4D	4/11/2005	ND<0.5 U	FALSE
MW-4D	9/26/2005	ND<0.5 U	FALSE
MW-4D	3/27/2007	ND<0.5 U	FALSE
MW-4D	9/28/2007	ND<0.5 U	FALSE
MW-4D	3/26/2008	ND<0.16 U	FALSE
MW-4D	9/29/2008	ND<0.5 U	FALSE
MW-4D	3/26/2009	ND<0.5 U	FALSE
MW-4D	10/2/2009	ND<0.5 U	FALSE
MW-4D	4/6/2010	ND<0.5 U	FALSE
MW-4D	10/7/2010	ND<0.5 U	FALSE
MW-4D	3/29/2011	ND<0.5 U	FALSE
MW-4D	10/5/2011	ND<0.5 U	FALSE
MW-4D	4/5/2012	ND<0.5 U	FALSE

MW-8	4/17/1998	ND<0.5 U	FALSE
MW-8	11/10/1998	ND<0.5 U	FALSE
MW-8	4/26/1999	ND<0.5 U	FALSE
MW-8	11/1/1999	ND<0.5 U	FALSE
MW-8	4/3/2000	ND<0.5 U	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	10/22/2001	ND<1 U	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	ND<0.5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<0.5 U	FALSE
MW-8	3/30/2004	ND<0.5 U	FALSE
MW-8	9/27/2004	ND<0.5 U	FALSE
MW-8	4/12/2005	ND<0.5 U	FALSE
MW-8	9/27/2005	ND<0.5 U	FALSE
MW-8	3/27/2007	ND<0.5 U	FALSE
MW-8	9/28/2007	ND<0.5 U	FALSE
MW-8	3/27/2008	ND<0.16 U	FALSE
MW-8	9/29/2008	ND<0.5 U	FALSE
MW-8	3/25/2009	ND<0.5 U	FALSE
MW-8	10/5/2009	ND<0.5 U	FALSE
MW-8	4/6/2010	ND<0.5 U	FALSE
MW-8	10/8/2010	ND<0.5 U	FALSE
MW-8	3/29/2011	ND<0.5 U	FALSE
MW-8	10/6/2011	ND<0.5 U	FALSE
MW-8	4/6/2012	ND<0.5 U	FALSE

MW-8D	4/17/1998	ND<0.5 U	FALSE
MW-8D	11/10/1998	ND<0.5 U	FALSE
MW-8D	4/26/1999	ND<0.5 U	FALSE
MW-8D	11/1/1999	ND<0.5 U	FALSE
MW-8D	4/3/2000	ND<0.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	10/22/2001	ND<1 U	FALSE
MW-8D	4/29/2002	ND<0.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<0.5 U	FALSE
MW-8D	3/30/2004	ND<0.5 U	FALSE
MW-8D	9/27/2004	ND<0.5 U	FALSE
MW-8D	4/12/2005	ND<0.5 U	FALSE
MW-8D	9/27/2005	ND<0.5 U	FALSE
MW-8D	3/27/2007	ND<0.5 U	FALSE
MW-8D	9/28/2007	ND<0.5 U	FALSE
MW-8D	3/27/2008	ND<0.16 U	FALSE
MW-8D	9/29/2008	ND<0.5 U	FALSE
MW-8D	3/25/2009	ND<0.5 U	FALSE
MW-8D	10/5/2009	ND<0.5 U	FALSE
MW-8D	4/6/2010	ND<0.5 U	FALSE
MW-8D	10/8/2010	ND<0.5 U	FALSE
MW-8D	3/29/2011	ND<0.5 U	FALSE
MW-8D	10/6/2011	ND<0.5 U	FALSE
MW-8D	4/6/2012	ND<0.5 U	FALSE

MW-11	4/29/2002	ND<0.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<0.5 U	FALSE
MW-11	3/30/2004	ND<0.5 U	FALSE
MW-11	9/27/2004	ND<0.5 U	FALSE
MW-11	4/12/2005	ND<0.5 U	FALSE
MW-11	9/26/2005	ND<0.5 U	FALSE
MW-11	3/27/2007	ND<0.5 U	FALSE
MW-11	9/27/2007	ND<0.5 U	FALSE
MW-11	3/27/2008	ND<0.16 U	FALSE
MW-11	9/30/2008	ND<0.5 U	FALSE
MW-11	3/26/2009	ND<0.5 U	FALSE
MW-11	10/5/2009	ND<0.5 U	FALSE
MW-11	4/6/2010	ND<0.5 U	FALSE
MW-11	10/8/2010	ND<0.5 U	FALSE
MW-11	3/29/2011	ND<0.5 U	FALSE
MW-11	10/5/2011	ND<0.5 U	FALSE
MW-11	4/6/2012	ND<0.5 U	FALSE

MW-11D	4/29/2002	ND<0.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<0.5 U	FALSE
MW-11D	3/30/2004	ND<0.5 U	FALSE
MW-11D	9/27/2004	ND<0.5 U	FALSE
MW-11D	4/12/2005	ND<0.5 U	FALSE
MW-11D	9/26/2005	ND<0.5 U	FALSE
MW-11D	3/27/2007	ND<0.5 U	FALSE
MW-11D	9/27/2007	ND<0.5 U	FALSE
MW-11D	3/27/2008	ND<0.16 U	FALSE

MW-11D	9/30/2008	ND<0.5 U	FALSE
MW-11D	3/26/2009	ND<0.5 U	FALSE
MW-11D	10/5/2009	ND<0.5 U	FALSE
MW-11D	4/6/2010	ND<0.5 U	FALSE
MW-11D	10/8/2010	ND<0.5 U	FALSE
MW-11D	3/29/2011	ND<0.5 U	FALSE
MW-11D	10/5/2011	ND<0.5 U	FALSE
MW-11D	4/6/2012	ND<0.5 U	FALSE

MW-10	4/30/2002	ND<0.5 U	FALSE
MW-10	3/25/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	ND<0.5 U	FALSE
MW-10	3/30/2004	ND<0.5 U	FALSE
MW-10	9/27/2004	ND<0.5 U	FALSE
MW-10	4/12/2005	ND<0.5 U	FALSE
MW-10	9/27/2005	ND<0.5 U	FALSE
MW-10	3/27/2007	ND<0.5 U	FALSE
MW-10	9/27/2007	ND<0.5 U	FALSE
MW-10	3/26/2008	ND<0.16 U	FALSE
MW-10	9/26/2008	ND<0.5 U	FALSE
MW-10	3/26/2009	ND<0.5 U	FALSE
MW-10	10/1/2009	ND<0.5 U	FALSE
MW-10	4/2/2010	ND<0.5 U	FALSE
MW-10	10/7/2010	ND<0.5 U	FALSE
MW-10	3/29/2011	ND<0.5 U	FALSE
MW-10	10/5/2011	ND<0.5 U	FALSE
MW-10	4/4/2012	ND<0.5 U	FALSE

MW-10D	4/30/2002	ND<0.5 U	FALSE
MW-10D	3/25/2003	ND<2.5 U	FALSE
MW-10D	9/30/2003	ND<0.5 U	FALSE
MW-10D	3/30/2004	ND<0.5 U	FALSE
MW-10D	9/27/2004	ND<0.5 U	FALSE
MW-10D	4/12/2005	ND<0.5 U	FALSE
MW-10D	9/27/2005	ND<0.5 U	FALSE
MW-10D	3/27/2007	ND<0.5 U	FALSE
MW-10D	9/27/2007	ND<0.5 U	FALSE
MW-10D	3/26/2008	ND<0.16 U	FALSE
MW-10D	9/26/2008	ND<0.5 U	FALSE
MW-10D	3/26/2009	ND<0.5 U	FALSE
MW-10D	10/1/2009	ND<0.5 U	FALSE
MW-10D	4/2/2010	ND<0.5 U	FALSE
MW-10D	10/7/2010	ND<0.5 U	FALSE
MW-10D	3/29/2011	ND<0.5 U	FALSE
MW-10D	10/5/2011	ND<0.5 U	FALSE
MW-10D	4/4/2012	ND<0.5 U	FALSE

MW-12	3/25/2003	ND<2.5 U	FALSE
MW-12	9/30/2003	ND<0.5 U	FALSE
MW-12	3/30/2004	ND<0.5 U	FALSE
MW-12	9/27/2004	ND<0.5 U	FALSE
MW-12	4/11/2005	ND<0.5 U	FALSE
MW-12	9/27/2005	ND<0.5 U	FALSE
MW-12	3/27/2007	ND<0.5 U	FALSE

MW-12	9/28/2007	ND<0.5 U	FALSE
MW-12	3/27/2008	ND<0.16 U	FALSE
MW-12	9/30/2008	ND<0.5 U	FALSE
MW-12	3/26/2009	ND<0.5 U	FALSE
MW-12	10/2/2009	ND<0.5 U	FALSE
MW-12	4/6/2010	ND<0.5 U	FALSE
MW-12	10/7/2010	ND<0.5 U	FALSE
MW-12	3/29/2011	ND<0.5 U	FALSE
MW-12	10/6/2011	ND<0.5 U	FALSE
MW-12	4/5/2012	ND<0.5 U	FALSE

MW-12D	3/25/2003	ND<2.5 U	FALSE
MW-12D	9/30/2003	ND<0.5 U	FALSE
MW-12D	3/30/2004	ND<0.5 U	FALSE
MW-12D	9/27/2004	ND<0.5 U	FALSE
MW-12D	4/11/2005	ND<0.5 U	FALSE
MW-12D	9/27/2005	ND<0.5 U	FALSE
MW-12D	3/27/2007	ND<0.5 U	FALSE
MW-12D	9/28/2007	ND<0.5 U	FALSE
MW-12D	3/27/2008	ND<0.16 U	FALSE
MW-12D	9/30/2008	ND<0.5 U	FALSE
MW-12D	3/26/2009	ND<0.5 U	FALSE
MW-12D	10/2/2009	ND<0.5 U	FALSE
MW-12D	4/6/2010	ND<0.5 U	FALSE
MW-12D	10/7/2010	ND<0.5 U	FALSE
MW-12D	3/29/2011	ND<0.5 U	FALSE
MW-12D	10/6/2011	ND<0.5 U	FALSE
MW-12D	4/5/2012	ND<0.5 U	FALSE

MW-13	9/27/2005	ND<0.5 U	FALSE
MW-13	3/27/2007	ND<0.5 U	FALSE
MW-13	9/28/2007	ND<0.5 U	FALSE
MW-13	3/27/2008	ND<0.16 U	FALSE
MW-13	9/29/2008	ND<0.5 U	FALSE
MW-13	3/26/2009	ND<0.5 U	FALSE
MW-13	10/2/2009	ND<0.5 U	FALSE
MW-13	4/2/2010	ND<0.5 U	FALSE
MW-13	10/7/2010	ND<0.5 U	FALSE
MW-13	3/25/2011	ND<0.5 U	FALSE
MW-13	10/6/2011	ND<0.5 U	FALSE
MW-13	4/5/2012	ND<0.5 U	FALSE

MW-13D	9/27/2005	ND<0.5 U	FALSE
MW-13D	3/27/2007	ND<0.5 U	FALSE
MW-13D	9/28/2007	ND<0.5 U	FALSE
MW-13D	3/27/2008	ND<0.16 U	FALSE
MW-13D	9/29/2008	ND<0.5 U	FALSE
MW-13D	3/26/2009	ND<0.5 U	FALSE
MW-13D	10/2/2009	ND<0.5 U	FALSE
MW-13D	4/2/2010	ND<0.5 U	FALSE
MW-13D	10/7/2010	ND<0.5 U	FALSE
MW-13D	3/25/2011	ND<0.5 U	FALSE
MW-13D	10/6/2011	ND<0.5 U	FALSE
MW-13D	4/5/2012	ND<0.5 U	FALSE

MW-14	3/27/2007	ND<0.5 U	FALSE
MW-14	9/28/2007	ND<0.5 U	FALSE
MW-14	3/27/2008	ND<0.16 U	FALSE
MW-14	9/30/2008	ND<0.5 U	FALSE
MW-14	3/26/2009	ND<0.5 U	FALSE
MW-14	10/2/2009	ND<0.5 U	FALSE
MW-14	4/6/2010	ND<0.5 U	FALSE
MW-14	10/7/2010	ND<0.5 U	FALSE
MW-14	3/29/2011	ND<0.5 U	FALSE
MW-14	10/6/2011	ND<0.5 U	FALSE
MW-14	4/5/2012	ND<0.5 U	FALSE
MW-14D	3/27/2007	ND<0.5 U	FALSE
MW-14D	9/28/2007	ND<0.5 U	FALSE
MW-14D	3/27/2008	ND<0.16 U	FALSE
MW-14D	9/30/2008	ND<0.5 U	FALSE
MW-14D	3/26/2009	ND<0.5 U	FALSE
MW-14D	10/2/2009	ND<0.5 U	FALSE
MW-14D	4/6/2010	ND<0.5 U	FALSE
MW-14D	10/7/2010	ND<0.5 U	FALSE
MW-14D	3/29/2011	ND<0.5 U	FALSE
MW-14D	10/6/2011	ND<0.5 U	FALSE
MW-14D	4/5/2012	ND<0.5 U	FALSE

Two-Sample Test of Proportions

Parameter: 1,1-Dichloroethane

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 46
Compliance measurements = 429
Comparison Level = 6

0 background measurements exceed 6
0 compliance measurements exceed 6

p background = 0 = 0 / 46
p compliance = 0 = 0 / 429
p total = 0 = 0 / 475

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 429
m(1-Pb = 46

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 1.18577%
Background measurements (n) = 50
Maximum Background Concentration = 1290
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	484	FALSE
MW-5	11/11/1998	331	FALSE
MW-5	4/26/1999	42	FALSE
MW-5	11/2/1999	52	FALSE
MW-5	4/3/2000	63	FALSE
MW-5	**11/6/2000**	**1500**	**TRUE**
MW-5	4/30/2001	76	FALSE
MW-5	10/22/2001	46	FALSE
MW-5	4/29/2002	280	FALSE
MW-5	10/28/2002	12	FALSE
MW-5	3/24/2003	52	FALSE
MW-5	9/29/2003	67	FALSE
MW-5	3/30/2004	120	FALSE
MW-5	9/27/2004	74	FALSE
MW-5	4/12/2005	69	FALSE
MW-5	9/26/2005	78	FALSE
MW-5	3/27/2007	98 J	FALSE
MW-5	9/27/2007	89.9	FALSE
MW-5	3/26/2008	103	FALSE
MW-5	9/30/2008	96.9	FALSE
MW-5	3/26/2009	106	FALSE
MW-5	10/2/2009	152	FALSE
MW-5	4/2/2010	92.7	FALSE
MW-5	10/6/2010	90.9	FALSE
MW-5	3/25/2011	96.5	FALSE
MW-5	10/5/2011	102	FALSE
MW-5	4/5/2012	96.6	FALSE
MW-5D	4/13/1998	59	FALSE
MW-5D	11/11/1998	49	FALSE
MW-5D	4/26/1999	48	FALSE
MW-5D	11/2/1999	46	FALSE
MW-5D	4/3/2000	41	FALSE
MW-5D	11/6/2000	94	FALSE
MW-5D	4/30/2001	48	FALSE
MW-5D	10/22/2001	62	FALSE
MW-5D	4/29/2002	76	FALSE
MW-5D	10/28/2002	52	FALSE
MW-5D	3/24/2003	50	FALSE
MW-5D	9/29/2003	53	FALSE
MW-5D	3/29/2004	50	FALSE
MW-5D	9/27/2004	55	FALSE
MW-5D	4/12/2005	49	FALSE

MW-5D	9/26/2005	45	FALSE
MW-5D	3/27/2007	50 J	FALSE
MW-5D	9/27/2007	51.7	FALSE
MW-5D	3/26/2008	51.2	FALSE
MW-5D	9/30/2008	45.6	FALSE
MW-5D	3/26/2009	58.9	FALSE
MW-5D	10/2/2009	58.1	FALSE
MW-5D	4/2/2010	53.2	FALSE
MW-5D	10/6/2010	50.1	FALSE
MW-5D	3/25/2011	53.5	FALSE
MW-5D	10/5/2011	61.3	FALSE
MW-5D	4/5/2012	57.1	FALSE
MW-6	4/13/1998	209	FALSE
MW-6	11/11/1998	265	FALSE
MW-6	4/26/1999	131	FALSE
MW-6	11/2/1999	120	FALSE
MW-6	4/3/2000	105	FALSE
MW-6	**11/6/2000**	**1400**	**TRUE**
MW-6	4/30/2001	400	FALSE
MW-6	**10/22/2001**	**1900**	**TRUE**
MW-6	4/29/2002	1000	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	59	FALSE
MW-6	9/29/2003	1100	FALSE
MW-6	3/30/2004	54	FALSE
MW-6	9/27/2004	180	FALSE
MW-6	**4/12/2005**	**1400**	**TRUE**
MW-6	9/26/2005	180	FALSE
MW-6	3/27/2007	51 J	FALSE
MW-6	9/27/2007	92.5	FALSE
MW-6	3/26/2008	165	FALSE
MW-6	9/30/2008	64.9	FALSE
MW-6	3/26/2009	71	FALSE
MW-6	10/2/2009	61.4	FALSE
MW-6	4/2/2010	143	FALSE
MW-6	10/6/2010	52.1	FALSE
MW-6	3/25/2011	52.9	FALSE
MW-6	10/5/2011	57.2	FALSE
MW-6	4/4/2012	55	FALSE
MW-7	4/13/1998	271	FALSE
MW-7	11/11/1998	337	FALSE
MW-7	4/26/1999	730	FALSE
MW-7	11/2/1999	70	FALSE
MW-7	4/3/2000	63	FALSE
MW-7	11/6/2000	320	FALSE
MW-7	4/30/2001	240	FALSE
MW-7	**10/22/2001**	**1500**	**TRUE**
MW-7	4/29/2002	770	FALSE
MW-7	10/28/2002	270	FALSE
MW-7	3/25/2003	120	FALSE
MW-7	9/29/2003	500	FALSE
MW-7	3/30/2004	160	FALSE
MW-7	9/27/2004	220	FALSE

MW-7	**4/12/2005**	**1500**	**TRUE**
MW-7	9/26/2005	300	FALSE
MW-7	3/27/2007	200	FALSE
MW-7	9/27/2007	125	FALSE
MW-7	3/26/2008	98.3	FALSE
MW-7	9/26/2008	94.8	FALSE
MW-7	3/26/2009	90.2	FALSE
MW-7	10/1/2009	155	FALSE
MW-7	4/2/2010	150	FALSE
MW-7	10/6/2010	148	FALSE
MW-7	3/25/2011	153	FALSE
MW-7	10/5/2011	155	FALSE
MW-7	4/4/2012	132	FALSE

MW-3	4/14/1998	1100	FALSE
MW-3	11/9/1998	1180	FALSE
MW-3	4/27/1999	335	FALSE
MW-3	11/1/1999	230	FALSE
MW-3	4/3/2000	105	FALSE
MW-3	11/6/2000	410	FALSE
MW-3	4/30/2001	340	FALSE
MW-3	10/22/2001	340	FALSE
MW-3	4/29/2002	410	FALSE
MW-3	10/28/2002	400	FALSE
MW-3	3/24/2003	260	FALSE
MW-3	9/29/2003	380	FALSE
MW-3	3/30/2004	150	FALSE
MW-3	9/27/2004	220	FALSE
MW-3	**4/11/2005**	**1300**	**TRUE**
MW-3	**9/26/2005**	**1500**	**TRUE**
MW-3	3/27/2007	180	FALSE
MW-3	9/28/2007	207	FALSE
MW-3	3/26/2008	302	FALSE
MW-3	9/30/2008	182	FALSE
MW-3	3/26/2009	355	FALSE
MW-3	10/1/2009	204	FALSE
MW-3	4/2/2010	137	FALSE
MW-3	10/6/2010	153	FALSE
MW-3	3/25/2011	159	FALSE
MW-3	10/5/2011	166	FALSE
MW-3	4/4/2012	177	FALSE

MW-2	4/15/1998	527	FALSE
MW-2	11/11/1998	441	FALSE
MW-2	4/27/1999	91	FALSE
MW-2	11/2/1999	240	FALSE
MW-2	4/4/2000	213	FALSE
MW-2	11/6/2000	210	FALSE
MW-2	4/30/2001	140	FALSE
MW-2	10/22/2001	680	FALSE
MW-2	4/29/2002	1100	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	120	FALSE
MW-2	9/29/2003	410	FALSE
MW-2	3/29/2004	280	FALSE

MW-2	9/27/2004	1100	FALSE
MW-2	4/11/2005	1000	FALSE
MW-2	9/26/2005	610	FALSE
MW-2	3/27/2007	72 J	FALSE
MW-2	9/28/2007	1080	FALSE
MW-2	3/26/2008	61	FALSE
MW-2	9/29/2008	175	FALSE
MW-2	3/26/2009	518	FALSE
MW-2	10/1/2009	955	FALSE
MW-2	4/6/2010	80.9	FALSE
MW-2	10/8/2010	86.7	FALSE
MW-2	3/25/2011	65.4	FALSE
MW-2	10/5/2011	136	FALSE
MW-2	4/4/2012	63	FALSE

MW-2D	4/15/1998	83	FALSE
MW-2D	11/11/1998	117	FALSE
MW-2D	4/27/1999	74	FALSE
MW-2D	11/2/1999	80	FALSE
MW-2D	4/4/2000	70	FALSE
MW-2D	11/6/2000	95	FALSE
MW-2D	4/30/2001	140	FALSE
MW-2D	10/22/2001	77	FALSE
MW-2D	4/29/2002	230	FALSE
MW-2D	10/28/2002	140	FALSE
MW-2D	3/24/2003	77	FALSE
MW-2D	9/29/2003	130	FALSE
MW-2D	3/29/2004	100	FALSE
MW-2D	9/27/2004	140	FALSE
MW-2D	4/11/2005	81	FALSE
MW-2D	9/26/2005	79	FALSE
MW-2D	3/27/2007	77 J	FALSE
MW-2D	9/28/2007	89.3	FALSE
MW-2D	3/26/2008	77.2	FALSE
MW-2D	9/29/2008	72	FALSE
MW-2D	3/26/2009	74.7	FALSE
MW-2D	10/1/2009	79.3	FALSE
MW-2D	4/6/2010	87.8	FALSE
MW-2D	10/8/2010	74.3	FALSE
MW-2D	3/25/2011	79	FALSE
MW-2D	10/5/2011	87.8	FALSE
MW-2D	4/4/2012	82.1	FALSE

MW-4	4/15/1998	911	FALSE
MW-4	11/9/1998	302	FALSE
MW-4	4/26/1999	110	FALSE
MW-4	11/1/1999	140	FALSE
MW-4	4/4/2000	208	FALSE
MW-4	11/6/2000	100	FALSE
MW-4	4/30/2001	96	FALSE
MW-4	10/22/2001	200	FALSE
MW-4	4/29/2002	140	FALSE
MW-4	10/28/2002	120	FALSE
MW-4	3/24/2003	110	FALSE
MW-4	9/30/2003	87	FALSE

MW-4	3/29/2004	200	FALSE
MW-4	9/27/2004	86	FALSE
MW-4	4/11/2005	470	FALSE
MW-4	9/26/2005	160	FALSE
MW-4	3/27/2007	72 J	FALSE
MW-4	9/28/2007	87.8	FALSE
MW-4	3/26/2008	74.9	FALSE
MW-4	9/29/2008	85.4	FALSE
MW-4	3/26/2009	61.1	FALSE
MW-4	10/2/2009	69.8	FALSE
MW-4	4/6/2010	71.2	FALSE
MW-4	10/7/2010	63.3	FALSE
MW-4	3/29/2011	62.2	FALSE
MW-4	10/5/2011	95.5	FALSE
MW-4	4/5/2012	59.4	FALSE
MW-4D	4/15/1998	42	FALSE
MW-4D	11/9/1998	41	FALSE
MW-4D	4/26/1999	31	FALSE
MW-4D	11/1/1999	29	FALSE
MW-4D	4/4/2000	30	FALSE
MW-4D	11/6/2000	140	FALSE
MW-4D	4/30/2001	77	FALSE
MW-4D	10/22/2001	130	FALSE
MW-4D	4/29/2002	90	FALSE
MW-4D	10/28/2002	47	FALSE
MW-4D	3/24/2003	45	FALSE
MW-4D	9/29/2003	34	FALSE
MW-4D	3/29/2004	62	FALSE
MW-4D	9/27/2004	32	FALSE
MW-4D	4/11/2005	32	FALSE
MW-4D	9/26/2005	33	FALSE
MW-4D	3/27/2007	30 J	FALSE
MW-4D	9/28/2007	30.7	FALSE
MW-4D	3/26/2008	31.9	FALSE
MW-4D	9/29/2008	65	FALSE
MW-4D	3/26/2009	48.2	FALSE
MW-4D	10/2/2009	83.2	FALSE
MW-4D	4/6/2010	34.9	FALSE
MW-4D	10/7/2010	27.1	FALSE
MW-4D	3/29/2011	31.5	FALSE
MW-4D	10/5/2011	34.4	FALSE
MW-4D	4/5/2012	33.3	FALSE
MW-8	4/17/1998	115	FALSE
MW-8	11/10/1998	274	FALSE
MW-8	4/26/1999	90	FALSE
MW-8	11/1/1999	60	FALSE
MW-8	4/3/2000	48	FALSE
MW-8	11/7/2000	150	FALSE
MW-8	4/30/2001	210	FALSE
MW-8	10/22/2001	480	FALSE
MW-8	1/14/2002	100	FALSE
MW-8	4/29/2002	260	FALSE
MW-8	10/28/2002	59	FALSE

MW-8	3/25/2003	62	FALSE
MW-8	9/30/2003	70	FALSE
MW-8	3/30/2004	87	FALSE
MW-8	9/27/2004	100	FALSE
MW-8	4/12/2005	130	FALSE
MW-8	9/27/2005	52	FALSE
MW-8	3/27/2007	76 J	FALSE
MW-8	9/28/2007	83.7	FALSE
MW-8	3/27/2008	98.9	FALSE
MW-8	9/29/2008	75	FALSE
MW-8	3/25/2009	70.8	FALSE
MW-8	10/5/2009	101	FALSE
MW-8	4/6/2010	97.7	FALSE
MW-8	10/8/2010	81.7	FALSE
MW-8	3/29/2011	91.1	FALSE
MW-8	10/6/2011	112	FALSE
MW-8	4/6/2012	96	FALSE
MW-8D	4/17/1998	560	FALSE
MW-8D	11/10/1998	58	FALSE
MW-8D	4/26/1999	54	FALSE
MW-8D	11/1/1999	50	FALSE
MW-8D	4/3/2000	46	FALSE
MW-8D	11/7/2000	54	FALSE
MW-8D	4/30/2001	48	FALSE
MW-8D	10/22/2001	66	FALSE
MW-8D	4/29/2002	80	FALSE
MW-8D	10/28/2002	56	FALSE
MW-8D	3/25/2003	53	FALSE
MW-8D	9/30/2003	52	FALSE
MW-8D	3/30/2004	55	FALSE
MW-8D	9/27/2004	58	FALSE
MW-8D	4/12/2005	56	FALSE
MW-8D	9/27/2005	57	FALSE
MW-8D	3/27/2007	71 J	FALSE
MW-8D	9/28/2007	88.2	FALSE
MW-8D	3/27/2008	89.1	FALSE
MW-8D	9/29/2008	76.1	FALSE
MW-8D	3/25/2009	70.9	FALSE
MW-8D	10/5/2009	84	FALSE
MW-8D	4/6/2010	90.6	FALSE
MW-8D	10/8/2010	88.5	FALSE
MW-8D	3/29/2011	108	FALSE
MW-8D	10/6/2011	123	FALSE
MW-8D	4/6/2012	119	FALSE
MW-11	4/29/2002	270	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	61	FALSE
MW-11	9/29/2003	60	FALSE
MW-11	3/30/2004	100	FALSE
MW-11	9/27/2004	49	FALSE
MW-11	4/12/2005	61	FALSE
MW-11	9/26/2005	77	FALSE
MW-11	3/27/2007	60 J	FALSE

MW-11	9/27/2007	179	FALSE
MW-11	3/27/2008	66.6	FALSE
MW-11	9/30/2008	48.6	FALSE
MW-11	3/26/2009	53.5	FALSE
MW-11	10/5/2009	58.4	FALSE
MW-11	4/6/2010	68.3	FALSE
MW-11	10/8/2010	55.3	FALSE
MW-11	3/29/2011	66.5	FALSE
MW-11	10/5/2011	71.1	FALSE
MW-11	4/6/2012	68.4	FALSE
MW-11D	4/29/2002	350	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	65	FALSE
MW-11D	9/29/2003	63	FALSE
MW-11D	3/30/2004	17	FALSE
MW-11D	9/27/2004	15	FALSE
MW-11D	4/12/2005	13	FALSE
MW-11D	9/26/2005	17	FALSE
MW-11D	3/27/2007	18 J	FALSE
MW-11D	9/27/2007	17.7	FALSE
MW-11D	3/27/2008	15.6	FALSE
MW-11D	9/30/2008	10.2	FALSE
MW-11D	3/26/2009	12.1	FALSE
MW-11D	10/5/2009	14.5	FALSE
MW-11D	4/6/2010	12.3	FALSE
MW-11D	10/8/2010	14.7	FALSE
MW-11D	3/29/2011	13	FALSE
MW-11D	10/5/2011	15.6	FALSE
MW-11D	4/6/2012	13.2	FALSE
MW-10	4/30/2002	140	FALSE
MW-10	10/29/2002	550	FALSE
MW-10	3/25/2003	320	FALSE
MW-10	9/30/2003	240	FALSE
MW-10	3/30/2004	150	FALSE
MW-10	9/27/2004	340	FALSE
MW-10	4/12/2005	410	FALSE
MW-10	9/27/2005	200	FALSE
MW-10	3/27/2007	100	FALSE
MW-10	9/27/2007	132	FALSE
MW-10	3/26/2008	116	FALSE
MW-10	9/26/2008	152	FALSE
MW-10	3/26/2009	90.6	FALSE
MW-10	10/1/2009	136	FALSE
MW-10	4/2/2010	115	FALSE
MW-10	10/7/2010	119	FALSE
MW-10	3/29/2011	114	FALSE
MW-10	10/5/2011	126	FALSE
MW-10	4/4/2012	125	FALSE
MW-10D	4/30/2002	690	FALSE
MW-10D	10/29/2002	120	FALSE
MW-10D	3/25/2003	130	FALSE

MW-10D	9/30/2003	12	FALSE
MW-10D	3/30/2004	12	FALSE
MW-10D	9/27/2004	17	FALSE
MW-10D	4/12/2005	54	FALSE
MW-10D	9/27/2005	160	FALSE
MW-10D	3/27/2007	12 J	FALSE
MW-10D	9/27/2007	30.9	FALSE
MW-10D	3/26/2008	17.8	FALSE
MW-10D	9/26/2008	12.2	FALSE
MW-10D	3/26/2009	11	FALSE
MW-10D	10/1/2009	19.7	FALSE
MW-10D	4/2/2010	21.1	FALSE
MW-10D	10/7/2010	14.6	FALSE
MW-10D	3/29/2011	13.8	FALSE
MW-10D	10/5/2011	23.2	FALSE
MW-10D	4/4/2012	16.9	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	220	FALSE
MW-12	9/30/2003	86	FALSE
MW-12	3/30/2004	140	FALSE
MW-12	9/27/2004	280	FALSE
MW-12	4/11/2005	220	FALSE
MW-12	9/27/2005	260	FALSE
MW-12	3/27/2007	90 J	FALSE
MW-12	9/28/2007	460	FALSE
MW-12	3/27/2008	98.1	FALSE
MW-12	9/30/2008	155	FALSE
MW-12	3/26/2009	149	FALSE
MW-12	10/2/2009	167	FALSE
MW-12	4/6/2010	85.5	FALSE
MW-12	10/7/2010	218	FALSE
MW-12	3/29/2011	82.2	FALSE
MW-12	10/6/2011	239	FALSE
MW-12	4/5/2012	101	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	1000	FALSE
MW-12D	9/30/2003	150	FALSE
MW-12D	3/30/2004	68	FALSE
MW-12D	9/27/2004	420	FALSE
MW-12D	4/11/2005	370	FALSE
MW-12D	9/27/2005	160	FALSE
MW-12D	3/27/2007	46 J	FALSE
MW-12D	9/28/2007	262	FALSE
MW-12D	3/27/2008	76.6	FALSE
MW-12D	9/30/2008	82.9	FALSE
MW-12D	3/26/2009	43.5	FALSE
MW-12D	10/2/2009	45.8	FALSE
MW-12D	4/6/2010	45.4	FALSE
MW-12D	10/7/2010	47.5	FALSE
MW-12D	3/29/2011	55.1	FALSE
MW-12D	10/6/2011	63.5	FALSE
MW-12D	4/5/2012	43.5	FALSE

MW-13	9/27/2005	140	FALSE
MW-13	3/27/2007	120	FALSE
MW-13	9/28/2007	217	FALSE
MW-13	3/27/2008	160	FALSE
MW-13	9/29/2008	191	FALSE
MW-13	3/26/2009	181	FALSE
MW-13	10/2/2009	165	FALSE
MW-13	4/2/2010	151	FALSE
MW-13	10/7/2010	143	FALSE
MW-13	3/25/2011	120	FALSE
MW-13	10/6/2011	193	FALSE
MW-13	4/5/2012	158	FALSE
MW-13D	9/27/2005	400	FALSE
MW-13D	3/27/2007	220	FALSE
MW-13D	9/28/2007	211	FALSE
MW-13D	3/27/2008	225	FALSE
MW-13D	9/29/2008	179	FALSE
MW-13D	3/26/2009	198	FALSE
MW-13D	10/2/2009	228	FALSE
MW-13D	4/2/2010	279	FALSE
MW-13D	10/7/2010	212	FALSE
MW-13D	3/25/2011	215	FALSE
MW-13D	10/6/2011	259	FALSE
MW-13D	4/5/2012	248	FALSE
MW-14	3/27/2007	68 J	FALSE
MW-14	9/28/2007	217	FALSE
MW-14	3/27/2008	143	FALSE
MW-14	9/30/2008	68.3	FALSE
MW-14	3/26/2009	50.8	FALSE
MW-14	10/2/2009	61.4	FALSE
MW-14	4/6/2010	44.9	FALSE
MW-14	10/7/2010	52.3	FALSE
MW-14	3/29/2011	67.1	FALSE
MW-14	10/6/2011	57.3	FALSE
MW-14	4/5/2012	58.1	FALSE
MW-14D	3/27/2007	11 J	FALSE
MW-14D	9/28/2007	12.1	FALSE
MW-14D	3/27/2008	10.4	FALSE
MW-14D	9/30/2008	7.9	FALSE
MW-14D	3/26/2009	7.1	FALSE
MW-14D	10/2/2009	6.6	FALSE
MW-14D	4/6/2010	6.1	FALSE
MW-14D	10/7/2010	5.1	FALSE
MW-14D	3/29/2011	5.1	FALSE
MW-14D	10/6/2011	6.2	FALSE
MW-14D	4/5/2012	11.9	FALSE

Two-Sample Test of Proportions

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 700

3 background measurements exceed 700
21 compliance measurements exceed 700

p background = 0.06 = 3 / 50
p compliance = 0.0460526 = 21 / 456
p total = 0.0474308 = 24 / 506

nPs = 21
mPb = 3 < 5.0
n(1-Ps) = 435
m(1-Pb = 47

Zp = -0.440459 = -0.0139474 / 0.0316655
Z critical = 1.64485 at 95% confidence level

-0.440459 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 700

Non-Parametric Tolerance Interval

Parameter: Chloride

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 63.8889%
Background measurements (n) = 12
Maximum Background Concentration = 6300
Minimum Coverage = 77.9%
Average Coverage = 92.3077%

Location	Date	Value	Significant
MW-12	**10/2/2009**	**18600**	**TRUE**
MW-12	**4/6/2010**	**16400**	**TRUE**
MW-12	**10/7/2010**	**33500**	**TRUE**
MW-12	**3/29/2011**	**14600**	**TRUE**
MW-12	**10/6/2011**	**35400**	**TRUE**
MW-12	**4/5/2012**	**15300**	**TRUE**
MW-12D	10/2/2009	ND<2500 U	FALSE
MW-12D	4/6/2010	6000	FALSE
MW-12D	**10/7/2010**	**7700**	**TRUE**
MW-12D	**3/29/2011**	**6500**	**TRUE**
MW-12D	**10/6/2011**	**7700**	**TRUE**
MW-12D	**4/5/2012**	**7800**	**TRUE**
MW-14	10/2/2009	ND<2500 U	FALSE
MW-14	4/6/2010	ND<2500 U	FALSE
MW-14	10/7/2010	ND<2500 U	FALSE
MW-14	3/29/2011	ND<2500 U	FALSE
MW-14	10/6/2011	ND<2500 U	FALSE
MW-14	4/5/2012	ND<2500 U	FALSE
MW-14D	10/2/2009	ND<2500 U	FALSE
MW-14D	4/6/2010	ND<2500 U	FALSE
MW-14D	10/7/2010	ND<2500 U	FALSE
MW-14D	3/29/2011	ND<2500 U	FALSE
MW-14D	10/6/2011	ND<2500 U	FALSE
MW-14D	4/5/2012	ND<2500 U	FALSE

Two-Sample Test of Proportions

Parameter: Chloride

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 12
Compliance measurements = 24
Comparison Level = 250000

0 background measurements exceed 250000
0 compliance measurements exceed 250000

p background = 0 = 0 / 12
p compliance = 0 = 0 / 24
p total = 0 = 0 / 36

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 24
m(1-Pb = 12

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 48.6166%
Background measurements (n) = 50
Maximum Background Concentration = 202
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	150	FALSE
MW-5	11/11/1998	80	FALSE
MW-5	4/26/1999	9	FALSE
MW-5	11/2/1999	8	FALSE
MW-5	4/3/2000	7	FALSE
MW-5	11/6/2000	9	FALSE
MW-5	4/30/2001	6.5	FALSE
MW-5	10/22/2001	11	FALSE
MW-5	4/29/2002	79	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	8.4	FALSE
MW-5	9/29/2003	7.4	FALSE
MW-5	3/30/2004	8.3	FALSE
MW-5	9/27/2004	8	FALSE
MW-5	4/12/2005	2.8	FALSE
MW-5	9/26/2005	12	FALSE
MW-5	3/27/2007	3.9 J	FALSE
MW-5	9/27/2007	3.2 J	FALSE
MW-5	3/26/2008	6.9	FALSE
MW-5	9/30/2008	6.4	FALSE
MW-5	3/26/2009	11.8	FALSE
MW-5	10/2/2009	16.3	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5D	4/13/1998	ND<5 U	FALSE
MW-5D	11/11/1998	4 I	FALSE
MW-5D	4/26/1999	3 I	FALSE
MW-5D	11/2/1999	3 I	FALSE
MW-5D	4/3/2000	1 I	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<2.5 U	FALSE
MW-5D	4/29/2002	7	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<1 U	FALSE
MW-5D	3/29/2004	ND<1 U	FALSE
MW-5D	9/27/2004	ND<1 U	FALSE
MW-5D	4/12/2005	ND<1 U	FALSE

MW-5D	9/26/2005	ND<1 U	FALSE
MW-5D	3/27/2007	0.92 J	FALSE
MW-5D	9/27/2007	1.3 J	FALSE
MW-5D	3/26/2008	ND<0.2 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-6	4/13/1998	60	FALSE
MW-6	11/11/1998	64	FALSE
MW-6	4/26/1999	30	FALSE
MW-6	11/2/1999	32	FALSE
MW-6	4/3/2000	3 I	FALSE
MW-6	11/6/2000	5.2	FALSE
MW-6	4/30/2001	ND<2.5 U	FALSE
MW-6	**10/22/2001**	**350**	**TRUE**
MW-6	**4/29/2002**	**260**	**TRUE**
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	3/30/2004	ND<1 U	FALSE
MW-6	9/27/2004	37	FALSE
MW-6	**4/12/2005**	**300**	**TRUE**
MW-6	9/26/2005	16	FALSE
MW-6	3/27/2007	1.2 J	FALSE
MW-6	9/27/2007	2.5 J	FALSE
MW-6	3/26/2008	31.6	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	6.6	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	4/2/2010	29.6	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-7	4/13/1998	80	FALSE
MW-7	11/11/1998	66	FALSE
MW-7	4/26/1999	5	FALSE
MW-7	11/2/1999	6	FALSE
MW-7	4/3/2000	2 I	FALSE
MW-7	11/6/2000	14	FALSE
MW-7	4/30/2001	9.9	FALSE
MW-7	**10/22/2001**	**370**	**TRUE**
MW-7	4/29/2002	190	FALSE
MW-7	10/28/2002	17	FALSE
MW-7	3/25/2003	5.1	FALSE
MW-7	9/29/2003	81	FALSE
MW-7	3/30/2004	ND<1 U	FALSE
MW-7	9/27/2004	15	FALSE

MW-7	**4/12/2005**	**220**	**TRUE**
MW-7	9/26/2005	23	FALSE
MW-7	3/27/2007	9 J	FALSE
MW-7	9/27/2007	2.7 J	FALSE
MW-7	3/26/2008	ND<0.2 U	FALSE
MW-7	9/26/2008	6.2	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	5.2	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE

MW-3	**4/14/1998**	**476**	**TRUE**
MW-3	**11/9/1998**	**444**	**TRUE**
MW-3	4/27/1999	89	FALSE
MW-3	11/1/1999	56	FALSE
MW-3	4/3/2000	2 I	FALSE
MW-3	11/6/2000	10	FALSE
MW-3	4/30/2001	ND<2.5 U	FALSE
MW-3	10/22/2001	69	FALSE
MW-3	4/29/2002	110	FALSE
MW-3	10/28/2002	13	FALSE
MW-3	3/24/2003	47	FALSE
MW-3	9/29/2003	85	FALSE
MW-3	3/30/2004	12	FALSE
MW-3	9/27/2004	27	FALSE
MW-3	**4/11/2005**	**280**	**TRUE**
MW-3	9/26/2005	25	FALSE
MW-3	3/27/2007	10	FALSE
MW-3	9/28/2007	12.7	FALSE
MW-3	3/26/2008	45.6	FALSE
MW-3	9/30/2008	8.1	FALSE
MW-3	3/26/2009	63	FALSE
MW-3	10/1/2009	10.1	FALSE
MW-3	4/2/2010	8.6	FALSE
MW-3	10/6/2010	10.7	FALSE
MW-3	3/25/2011	6	FALSE
MW-3	10/5/2011	ND<2.5 U	FALSE
MW-3	4/4/2012	7.6	FALSE

MW-2	4/15/1998	40 I	FALSE
MW-2	11/11/1998	38	FALSE
MW-2	4/27/1999	7	FALSE
MW-2	11/2/1999	19	FALSE
MW-2	4/4/2000	16	FALSE
MW-2	11/6/2000	7	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	55	FALSE
MW-2	4/29/2002	68	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	7	FALSE
MW-2	9/29/2003	26	FALSE
MW-2	3/29/2004	18	FALSE

MW-2	9/27/2004	57	FALSE
MW-2	4/11/2005	83	FALSE
MW-2	9/26/2005	46	FALSE
MW-2	3/27/2007	2.4 J	FALSE
MW-2	9/28/2007	59.1	FALSE
MW-2	3/26/2008	ND<0.2 U	FALSE
MW-2	9/29/2008	9.1	FALSE
MW-2	3/26/2009	33.7	FALSE
MW-2	10/1/2009	72.4	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	6.1	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE

MW-2D	4/15/1998	ND<5 U	FALSE
MW-2D	11/11/1998	12	FALSE
MW-2D	4/27/1999	3 I	FALSE
MW-2D	11/2/1999	4 I	FALSE
MW-2D	4/4/2000	2 I	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	10	FALSE
MW-2D	10/28/2002	ND<2.5 U	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	9.7	FALSE
MW-2D	3/29/2004	5.7	FALSE
MW-2D	9/27/2004	5.1	FALSE
MW-2D	4/11/2005	ND<1 U	FALSE
MW-2D	9/26/2005	2.1	FALSE
MW-2D	3/27/2007	0.5 J	FALSE
MW-2D	9/28/2007	0.6 J	FALSE
MW-2D	3/26/2008	ND<0.2 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE

MW-4	**4/15/1998**	**260**	**TRUE**
MW-4	11/9/1998	47	FALSE
MW-4	4/26/1999	14	FALSE
MW-4	11/1/1999	8	FALSE
MW-4	4/4/2000	37	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	10/22/2001	18	FALSE
MW-4	4/29/2002	16	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	9.3	FALSE
MW-4	9/30/2003	ND<1 U	FALSE

MW-4	3/29/2004	23	FALSE
MW-4	9/27/2004	2.1	FALSE
MW-4	4/11/2005	68	FALSE
MW-4	9/26/2005	19	FALSE
MW-4	3/27/2007	1.4 J	FALSE
MW-4	9/28/2007	1.3 J	FALSE
MW-4	3/26/2008	ND<0.2 U	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	5.3	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4D	4/15/1998	ND<5 U	FALSE
MW-4D	11/9/1998	4 I	FALSE
MW-4D	4/26/1999	3 I	FALSE
MW-4D	11/1/1999	3 I	FALSE
MW-4D	4/4/2000	ND<0.5 U	FALSE
MW-4D	11/6/2000	ND<2.5 U	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	28	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<1 U	FALSE
MW-4D	3/29/2004	8	FALSE
MW-4D	9/27/2004	ND<1 U	FALSE
MW-4D	4/11/2005	ND<1 U	FALSE
MW-4D	9/26/2005	ND<1 U	FALSE
MW-4D	3/27/2007	ND<5 U	FALSE
MW-4D	9/28/2007	0.59 J	FALSE
MW-4D	3/26/2008	ND<0.2 U	FALSE
MW-4D	9/29/2008	10.5	FALSE
MW-4D	3/26/2009	6.9	FALSE
MW-4D	10/2/2009	14.7	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-8	4/17/1998	60	FALSE
MW-8	11/10/1998	70	FALSE
MW-8	4/26/1999	12	FALSE
MW-8	11/1/1999	8	FALSE
MW-8	4/3/2000	2 I	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	4/30/2001	ND<2.5 U	FALSE
MW-8	10/22/2001	110	FALSE
MW-8	1/14/2002	7.9	FALSE
MW-8	4/29/2002	53	FALSE
MW-8	10/28/2002	ND<2.5 U	FALSE

MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	5.2	FALSE
MW-8	3/30/2004	9.5	FALSE
MW-8	9/27/2004	8.3	FALSE
MW-8	4/12/2005	14	FALSE
MW-8	9/27/2005	2.5	FALSE
MW-8	3/27/2007	2.5 J	FALSE
MW-8	9/28/2007	2.2 J	FALSE
MW-8	3/27/2008	5.1	FALSE
MW-8	9/29/2008	14.7	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	5.8	FALSE
MW-8	4/6/2010	5.4	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8D	4/17/1998	ND<5 U	FALSE
MW-8D	11/10/1998	3 I	FALSE
MW-8D	4/26/1999	3 I	FALSE
MW-8D	11/1/1999	2 I	FALSE
MW-8D	4/3/2000	2 I	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	6.2	FALSE
MW-8D	4/29/2002	9.2	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<1 U	FALSE
MW-8D	3/30/2004	ND<1 U	FALSE
MW-8D	9/27/2004	ND<1 U	FALSE
MW-8D	4/12/2005	ND<1 U	FALSE
MW-8D	9/27/2005	ND<1 U	FALSE
MW-8D	3/27/2007	1.9 J	FALSE
MW-8D	9/28/2007	1.4 J	FALSE
MW-8D	3/27/2008	ND<0.2 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-11	4/29/2002	150	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	7.6	FALSE
MW-11	9/29/2003	6.9	FALSE
MW-11	3/30/2004	20	FALSE
MW-11	9/27/2004	ND<1 U	FALSE
MW-11	4/12/2005	2	FALSE
MW-11	9/26/2005	6	FALSE
MW-11	3/27/2007	0.83 J	FALSE

MW-11	9/27/2007	45.5	FALSE
MW-11	3/27/2008	ND<0.2 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11D	4/29/2002	12	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<1 U	FALSE
MW-11D	3/30/2004	ND<1 U	FALSE
MW-11D	9/27/2004	ND<1 U	FALSE
MW-11D	4/12/2005	ND<1 U	FALSE
MW-11D	9/26/2005	ND<1 U	FALSE
MW-11D	3/27/2007	ND<5 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.2 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-10	4/30/2002	18	FALSE
MW-10	10/29/2002	26	FALSE
MW-10	3/25/2003	69	FALSE
MW-10	9/30/2003	43	FALSE
MW-10	3/30/2004	16	FALSE
MW-10	9/27/2004	43	FALSE
MW-10	4/12/2005	59	FALSE
MW-10	9/27/2005	16	FALSE
MW-10	3/27/2007	4.7 J	FALSE
MW-10	9/27/2007	5.6	FALSE
MW-10	3/26/2008	5	FALSE
MW-10	9/26/2008	12.4	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	7.5	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10D	**4/30/2002**	**230**	**TRUE**
MW-10D	10/29/2002	8.9	FALSE
MW-10D	3/25/2003	35	FALSE

MW-10D	9/30/2003	ND<1 U	FALSE
MW-10D	3/30/2004	ND<1 U	FALSE
MW-10D	9/27/2004	ND<1 U	FALSE
MW-10D	4/12/2005	8	FALSE
MW-10D	9/27/2005	33	FALSE
MW-10D	3/27/2007	0.7 J	FALSE
MW-10D	9/27/2007	2 J	FALSE
MW-10D	3/26/2008	ND<0.2 U	FALSE
MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	36	FALSE
MW-12	9/30/2003	7.7	FALSE
MW-12	3/30/2004	ND<1 U	FALSE
MW-12	9/27/2004	10	FALSE
MW-12	4/11/2005	13	FALSE
MW-12	9/27/2005	4.3	FALSE
MW-12	3/27/2007	1.4 J	FALSE
MW-12	9/28/2007	36.8	FALSE
MW-12	3/27/2008	ND<0.2 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	11.9	FALSE
MW-12	10/2/2009	5.6	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	6.1	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	170	FALSE
MW-12D	9/30/2003	13	FALSE
MW-12D	3/30/2004	ND<1 U	FALSE
MW-12D	9/27/2004	50	FALSE
MW-12D	4/11/2005	45	FALSE
MW-12D	9/27/2005	3	FALSE
MW-12D	3/27/2007	2.3 J	FALSE
MW-12D	9/28/2007	25.5	FALSE
MW-12D	3/27/2008	5.6	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE

MW-13	9/27/2005	ND<1 U	FALSE
MW-13	3/27/2007	ND<5 U	FALSE
MW-13	9/28/2007	0.94 J	FALSE
MW-13	3/27/2008	ND<0.2 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13D	9/27/2005	64	FALSE
MW-13D	3/27/2007	15	FALSE
MW-13D	9/28/2007	1.2 J	FALSE
MW-13D	3/27/2008	ND<0.2 U	FALSE
MW-13D	9/29/2008	ND<2.5 U	FALSE
MW-13D	3/26/2009	9.9	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-14	3/27/2007	8.1 J	FALSE
MW-14	9/28/2007	40.1	FALSE
MW-14	3/27/2008	23.7	FALSE
MW-14	9/30/2008	10.6	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	10.7	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	5.1	FALSE
MW-14	4/5/2012	5.3	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.2 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 10

18 background measurements exceed 10
113 compliance measurements exceed 10

p background = 0.36 = 18 / 50
p compliance = 0.247807 = 113 / 456
p total = 0.258893 = 131 / 506

nPs = 113
mPb = 18
n(1-Ps) = 343
m(1-Pb = 32

Zp = -1.71932 = -0.112193 / 0.0652542
Z critical = 1.64485 at 95% confidence level

-1.71932 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 10

Non-Parametric Tolerance Interval

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 63.2411%
Background measurements (n) = 50
Maximum Background Concentration = 126
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	46	FALSE
MW-5	11/11/1998	25	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	28	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	10/22/2001	ND<2.5 U	FALSE
MW-5	4/29/2002	18	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	ND<2.5 U	FALSE
MW-5	9/27/2004	ND<2.5 U	FALSE
MW-5	4/12/2005	ND<2.5 U	FALSE
MW-5	9/26/2005	ND<2.5 U	FALSE
MW-5	3/27/2007	ND<5 U	FALSE
MW-5	9/27/2007	0.9 J	FALSE
MW-5	3/26/2008	ND<0.3 U	FALSE
MW-5	9/30/2008	5.7	FALSE
MW-5	3/26/2009	ND<2.5 U	FALSE
MW-5	10/2/2009	ND<2.5 U	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5D	4/13/1998	ND<2.5 U	FALSE
MW-5D	11/11/1998	ND<2.5 U	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<2.5 U	FALSE
MW-5D	4/29/2002	ND<2.5 U	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE

MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/27/2007	ND<5 U	FALSE
MW-5D	9/27/2007	ND<2.5 U	FALSE
MW-5D	3/26/2008	ND<0.3 U	FALSE
MW-5D	9/30/2008	6.6	FALSE
MW-5D	3/26/2009	7.1	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-6	4/13/1998	20 I	FALSE
MW-6	11/11/1998	26	FALSE
MW-6	4/26/1999	10 I	FALSE
MW-6	11/2/1999	7 I	FALSE
MW-6	4/3/2000	8 I	FALSE
MW-6	11/6/2000	89	FALSE
MW-6	4/30/2001	32	FALSE
MW-6	**10/22/2001**	**190**	**TRUE**
MW-6	4/29/2002	100	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	100	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	15	FALSE
MW-6	4/12/2005	110	FALSE
MW-6	9/26/2005	21	FALSE
MW-6	3/27/2007	1.1 J	FALSE
MW-6	9/27/2007	2.7 J	FALSE
MW-6	3/26/2008	ND<0.3 U	FALSE
MW-6	9/30/2008	6.3	FALSE
MW-6	3/26/2009	7	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	4/2/2010	12	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-7	4/13/1998	29	FALSE
MW-7	11/11/1998	29	FALSE
MW-7	4/26/1999	ND<2.5 U	FALSE
MW-7	11/2/1999	ND<2.5 U	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	11/6/2000	22	FALSE
MW-7	4/30/2001	18	FALSE
MW-7	**10/22/2001**	**140**	**TRUE**
MW-7	4/29/2002	68	FALSE
MW-7	10/28/2002	17	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	32	FALSE
MW-7	3/30/2004	6.4	FALSE
MW-7	9/27/2004	12	FALSE

MW-7	4/12/2005	96	FALSE
MW-7	9/26/2005	13	FALSE
MW-7	3/27/2007	3.7 J	FALSE
MW-7	9/27/2007	ND<2.5 U	FALSE
MW-7	3/26/2008	ND<0.3 U	FALSE
MW-7	9/26/2008	ND<2.5 U	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	ND<2.5 U	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE

MW-3	4/14/1998	97	FALSE
MW-3	11/9/1998	105	FALSE
MW-3	4/27/1999	26	FALSE
MW-3	11/1/1999	18 I	FALSE
MW-3	4/3/2000	ND<2.5 U	FALSE
MW-3	11/6/2000	20	FALSE
MW-3	4/30/2001	15	FALSE
MW-3	10/22/2001	17	FALSE
MW-3	4/29/2002	26	FALSE
MW-3	10/28/2002	19	FALSE
MW-3	3/24/2003	21	FALSE
MW-3	9/29/2003	44	FALSE
MW-3	3/30/2004	25	FALSE
MW-3	9/27/2004	18	FALSE
MW-3	4/11/2005	87	FALSE
MW-3	9/26/2005	95	FALSE
MW-3	3/27/2007	9.2 J	FALSE
MW-3	9/28/2007	8.5	FALSE
MW-3	3/26/2008	ND<0.3 U	FALSE
MW-3	9/30/2008	9.8	FALSE
MW-3	3/26/2009	18.9	FALSE
MW-3	10/1/2009	6.9	FALSE
MW-3	4/2/2010	12.2	FALSE
MW-3	10/6/2010	7.3	FALSE
MW-3	3/25/2011	5.6	FALSE
MW-3	10/5/2011	7.6	FALSE
MW-3	4/4/2012	11.3	FALSE

MW-2	4/15/1998	42	FALSE
MW-2	11/11/1998	31	FALSE
MW-2	4/27/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	17 I	FALSE
MW-2	4/4/2000	13 I	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	44	FALSE
MW-2	4/29/2002	68	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	5.4	FALSE
MW-2	9/29/2003	27	FALSE
MW-2	3/29/2004	19	FALSE

MW-2	9/27/2004	75	FALSE
MW-2	4/11/2005	87	FALSE
MW-2	9/26/2005	46	FALSE
MW-2	3/27/2007	1.1 J	FALSE
MW-2	9/28/2007	49.9	FALSE
MW-2	3/26/2008	ND<0.3 U	FALSE
MW-2	9/29/2008	12.6	FALSE
MW-2	3/26/2009	37.6	FALSE
MW-2	10/1/2009	73.6	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	5.4	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	ND<2.5 U	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	5.8	FALSE
MW-2D	10/28/2002	ND<2.5 U	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	ND<2.5 U	FALSE
MW-2D	3/29/2004	ND<2.5 U	FALSE
MW-2D	9/27/2004	ND<2.5 U	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/27/2007	ND<5 U	FALSE
MW-2D	9/28/2007	4.2 J	FALSE
MW-2D	3/26/2008	ND<0.3 U	FALSE
MW-2D	9/29/2008	5	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-4	4/15/1998	84	FALSE
MW-4	11/9/1998	18 I	FALSE
MW-4	4/26/1999	14 I	FALSE
MW-4	11/1/1999	6 I	FALSE
MW-4	4/4/2000	17 I	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	10/22/2001	11	FALSE
MW-4	4/29/2002	9.3	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE

MW-4	3/29/2004	6.9	FALSE
MW-4	9/27/2004	ND<2.5 U	FALSE
MW-4	4/11/2005	17	FALSE
MW-4	9/26/2005	ND<2.5 U	FALSE
MW-4	3/27/2007	0.91 J	FALSE
MW-4	9/28/2007	1.7 J	FALSE
MW-4	3/26/2008	ND<0.3 U	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	ND<2.5 U	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4D	4/15/1998	ND<2.5 U	FALSE
MW-4D	11/9/1998	ND<2.5 U	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	ND<2.5 U	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	ND<2.5 U	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	9.3	FALSE
MW-4D	4/29/2002	6.6	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<2.5 U	FALSE
MW-4D	3/29/2004	ND<2.5 U	FALSE
MW-4D	9/27/2004	ND<2.5 U	FALSE
MW-4D	4/11/2005	ND<2.5 U	FALSE
MW-4D	9/26/2005	ND<2.5 U	FALSE
MW-4D	3/27/2007	0.64 J	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.3 U	FALSE
MW-4D	9/29/2008	5.4	FALSE
MW-4D	3/26/2009	ND<2.5 U	FALSE
MW-4D	10/2/2009	ND<2.5 U	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-8	4/17/1998	8 I	FALSE
MW-8	11/10/1998	23	FALSE
MW-8	4/26/1999	ND<2.5 U	FALSE
MW-8	11/1/1999	ND<2.5 U	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	4/30/2001	9.7	FALSE
MW-8	10/22/2001	37	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	17	FALSE
MW-8	10/28/2002	ND<2.5 U	FALSE

MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<2.5 U	FALSE
MW-8	3/30/2004	ND<2.5 U	FALSE
MW-8	9/27/2004	ND<2.5 U	FALSE
MW-8	4/12/2005	ND<2.5 U	FALSE
MW-8	9/27/2005	ND<2.5 U	FALSE
MW-8	3/27/2007	ND<5 U	FALSE
MW-8	9/28/2007	2.6 J	FALSE
MW-8	3/27/2008	ND<0.3 U	FALSE
MW-8	9/29/2008	ND<2.5 U	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	ND<2.5 U	FALSE
MW-8	4/6/2010	ND<2.5 U	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	ND<2.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	ND<2.5 U	FALSE
MW-8D	4/29/2002	ND<2.5 U	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/27/2007	ND<5 U	FALSE
MW-8D	9/28/2007	3.5 J	FALSE
MW-8D	3/27/2008	ND<0.3 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-11	4/29/2002	46	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<2.5 U	FALSE
MW-11	3/30/2004	9.8	FALSE
MW-11	9/27/2004	ND<2.5 U	FALSE
MW-11	4/12/2005	ND<2.5 U	FALSE
MW-11	9/26/2005	5.8	FALSE
MW-11	3/27/2007	1.4 J	FALSE

MW-11	9/27/2007	13.3	FALSE
MW-11	3/27/2008	ND<0.3 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11D	4/29/2002	8.4	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/27/2007	ND<5 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.3 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-10	4/30/2002	5.1	FALSE
MW-10	10/29/2002	17	FALSE
MW-10	3/25/2003	14	FALSE
MW-10	9/30/2003	5.4	FALSE
MW-10	3/30/2004	ND<2.5 U	FALSE
MW-10	9/27/2004	8.5	FALSE
MW-10	4/12/2005	17	FALSE
MW-10	9/27/2005	5.3	FALSE
MW-10	3/27/2007	ND<5 U	FALSE
MW-10	9/27/2007	ND<2.5 U	FALSE
MW-10	3/26/2008	ND<0.3 U	FALSE
MW-10	9/26/2008	ND<2.5 U	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	ND<2.5 U	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10D	4/30/2002	59	FALSE
MW-10D	10/29/2002	8.4	FALSE
MW-10D	3/25/2003	9	FALSE

MW-10D	9/30/2003	ND<2.5 U	FALSE
MW-10D	3/30/2004	ND<2.5 U	FALSE
MW-10D	9/27/2004	ND<2.5 U	FALSE
MW-10D	4/12/2005	5.9	FALSE
MW-10D	9/27/2005	19	FALSE
MW-10D	3/27/2007	ND<5 U	FALSE
MW-10D	9/27/2007	3.6 J	FALSE
MW-10D	3/26/2008	ND<0.3 U	FALSE
MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	18	FALSE
MW-12	9/30/2003	ND<2.5 U	FALSE
MW-12	3/30/2004	ND<2.5 U	FALSE
MW-12	9/27/2004	11	FALSE
MW-12	4/11/2005	10	FALSE
MW-12	9/27/2005	5.7	FALSE
MW-12	3/27/2007	1.1 J	FALSE
MW-12	9/28/2007	11.9	FALSE
MW-12	3/27/2008	ND<0.3 U	FALSE
MW-12	9/30/2008	6.4	FALSE
MW-12	3/26/2009	15.5	FALSE
MW-12	10/2/2009	ND<2.5 U	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	81	FALSE
MW-12D	9/30/2003	ND<2.5 U	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	22	FALSE
MW-12D	4/11/2005	15	FALSE
MW-12D	9/27/2005	ND<2.5 U	FALSE
MW-12D	3/27/2007	1.1 J	FALSE
MW-12D	9/28/2007	28.8	FALSE
MW-12D	3/27/2008	ND<0.3 U	FALSE
MW-12D	9/30/2008	5.7	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE

MW-13	9/27/2005	18	FALSE
MW-13	3/27/2007	21	FALSE
MW-13	9/28/2007	ND<2.5 U	FALSE
MW-13	3/27/2008	ND<0.3 U	FALSE
MW-13	9/29/2008	14.8	FALSE
MW-13	3/26/2009	50	FALSE
MW-13	10/2/2009	32.2	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	45.2	FALSE
MW-13	3/25/2011	17.4	FALSE
MW-13	10/6/2011	32.7	FALSE
MW-13	4/5/2012	46	FALSE
MW-13D	9/27/2005	12	FALSE
MW-13D	3/27/2007	ND<5 U	FALSE
MW-13D	9/28/2007	8.6	FALSE
MW-13D	3/27/2008	10	FALSE
MW-13D	9/29/2008	15.2	FALSE
MW-13D	3/26/2009	17.5	FALSE
MW-13D	10/2/2009	16	FALSE
MW-13D	4/2/2010	18.3	FALSE
MW-13D	10/7/2010	17.8	FALSE
MW-13D	3/25/2011	21.9	FALSE
MW-13D	10/6/2011	22.7	FALSE
MW-13D	4/5/2012	22.2	FALSE
MW-14	3/27/2007	ND<5 U	FALSE
MW-14	9/28/2007	24	FALSE
MW-14	3/27/2008	ND<0.3 U	FALSE
MW-14	9/30/2008	7.5	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.3 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 1

47 background measurements exceed 1
433 compliance measurements exceed 1

p background = 0.94 = 47 / 50
p compliance = 0.949561 = 433 / 456
p total = 0.948617 = 480 / 506

nPs = 433
mPb = 47
n(1-Ps) = 23
m(1-Pb = 3 < 5.0

Zp = 0.290708 = 0.0095614 / 0.0328901
Z critical = 1.64485 at 95% confidence level

0.290708 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

Non-Parametric Tolerance Interval

Parameter: Copper

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 49.0119%
Background measurements (n) = 50
Maximum Background Concentration = 240
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	69	FALSE
MW-5	11/11/1998	36	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	13	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	10/22/2001	ND<2.5 U	FALSE
MW-5	4/29/2002	36	FALSE
MW-5	10/28/2002	3.6	FALSE
MW-5	3/24/2003	2.9	FALSE
MW-5	9/29/2003	3.6	FALSE
MW-5	3/30/2004	5.2	FALSE
MW-5	9/27/2004	2.5	FALSE
MW-5	4/12/2005	ND<1 U	FALSE
MW-5	9/26/2005	2.5	FALSE
MW-5	3/27/2007	2.1 J	FALSE
MW-5	9/27/2007	ND<2.5 U	FALSE
MW-5	3/26/2008	ND<0.15 U	FALSE
MW-5	9/30/2008	15.3	FALSE
MW-5	3/26/2009	ND<2.5 U	FALSE
MW-5	10/2/2009	6	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5D	4/13/1998	ND<2.5 U	FALSE
MW-5D	11/11/1998	ND<2.5 U	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	7 I	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<2.5 U	FALSE
MW-5D	4/29/2002	5.8	FALSE
MW-5D	10/28/2002	3	FALSE
MW-5D	3/24/2003	ND<1 U	FALSE
MW-5D	9/29/2003	2.2	FALSE
MW-5D	3/29/2004	ND<1 U	FALSE
MW-5D	9/27/2004	ND<1 U	FALSE
MW-5D	4/12/2005	ND<1 U	FALSE

MW-5D	9/26/2005	ND<1 U	FALSE
MW-5D	3/27/2007	1.5 J	FALSE
MW-5D	9/27/2007	0.78 J	FALSE
MW-5D	3/26/2008	ND<0.15 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-6	4/13/1998	25	FALSE
MW-6	11/11/1998	30	FALSE
MW-6	4/26/1999	11 I	FALSE
MW-6	11/2/1999	10 I	FALSE
MW-6	4/3/2000	5 I	FALSE
MW-6	11/6/2000	32	FALSE
MW-6	4/30/2001	10	FALSE
MW-6	10/22/2001	210	FALSE
MW-6	4/29/2002	110	FALSE
MW-6	10/28/2002	ND<1 U	FALSE
MW-6	3/25/2003	ND<1 U	FALSE
MW-6	9/29/2003	130	FALSE
MW-6	3/30/2004	ND<1 U	FALSE
MW-6	9/27/2004	14	FALSE
MW-6	4/12/2005	140	FALSE
MW-6	9/26/2005	9	FALSE
MW-6	3/27/2007	ND<5 U	FALSE
MW-6	9/27/2007	2.9 J	FALSE
MW-6	3/26/2008	15.6	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	4/2/2010	11	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-7	4/13/1998	50	FALSE
MW-7	11/11/1998	51	FALSE
MW-7	4/26/1999	6 I	FALSE
MW-7	11/2/1999	6 I	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	11/6/2000	22	FALSE
MW-7	4/30/2001	22	FALSE
MW-7	**10/22/2001**	**300**	**TRUE**
MW-7	4/29/2002	140	FALSE
MW-7	10/28/2002	32	FALSE
MW-7	3/25/2003	5.5	FALSE
MW-7	9/29/2003	74	FALSE
MW-7	3/30/2004	ND<1 U	FALSE
MW-7	9/27/2004	22	FALSE

MW-7	4/12/2005	240	FALSE
MW-7	9/26/2005	28	FALSE
MW-7	3/27/2007	18	FALSE
MW-7	9/27/2007	4.3 J	FALSE
MW-7	3/26/2008	6.2	FALSE
MW-7	9/26/2008	6.4	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	7.2	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE

MW-3	4/14/1998	165	FALSE
MW-3	11/9/1998	143	FALSE
MW-3	4/27/1999	30	FALSE
MW-3	11/1/1999	17 I	FALSE
MW-3	4/3/2000	ND<2.5 U	FALSE
MW-3	11/6/2000	8.2	FALSE
MW-3	4/30/2001	7.8	FALSE
MW-3	10/22/2001	28	FALSE
MW-3	4/29/2002	43	FALSE
MW-3	10/28/2002	15	FALSE
MW-3	3/24/2003	18	FALSE
MW-3	9/29/2003	36	FALSE
MW-3	3/30/2004	9.3	FALSE
MW-3	9/27/2004	13	FALSE
MW-3	4/11/2005	160	FALSE
MW-3	9/26/2005	77	FALSE
MW-3	3/27/2007	8.6 J	FALSE
MW-3	9/28/2007	10.6	FALSE
MW-3	3/26/2008	37.6	FALSE
MW-3	9/30/2008	6.7	FALSE
MW-3	3/26/2009	40.6	FALSE
MW-3	10/1/2009	7.6	FALSE
MW-3	4/2/2010	ND<2.5 U	FALSE
MW-3	10/6/2010	7.5	FALSE
MW-3	3/25/2011	ND<2.5 U	FALSE
MW-3	10/5/2011	ND<2.5 U	FALSE
MW-3	4/4/2012	6.3	FALSE

MW-2	4/15/1998	28	FALSE
MW-2	11/11/1998	23	FALSE
MW-2	4/27/1999	5	FALSE
MW-2	11/2/1999	10 I	FALSE
MW-2	4/4/2000	10 I	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	34	FALSE
MW-2	4/29/2002	50	FALSE
MW-2	10/28/2002	ND<1 U	FALSE
MW-2	3/24/2003	4	FALSE
MW-2	9/29/2003	20	FALSE
MW-2	3/29/2004	13	FALSE

MW-2	9/27/2004	46	FALSE
MW-2	4/11/2005	61	FALSE
MW-2	9/26/2005	28	FALSE
MW-2	3/27/2007	0.58 J	FALSE
MW-2	9/28/2007	50.9	FALSE
MW-2	3/26/2008	ND<0.15 U	FALSE
MW-2	9/29/2008	6.8	FALSE
MW-2	3/26/2009	23.5	FALSE
MW-2	10/1/2009	53	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	6.1	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	7 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	8.5	FALSE
MW-2D	10/28/2002	5	FALSE
MW-2D	3/24/2003	ND<1 U	FALSE
MW-2D	9/29/2003	6.8	FALSE
MW-2D	3/29/2004	3.4	FALSE
MW-2D	9/27/2004	11	FALSE
MW-2D	4/11/2005	ND<1 U	FALSE
MW-2D	9/26/2005	ND<1 U	FALSE
MW-2D	3/27/2007	ND<5 U	FALSE
MW-2D	9/28/2007	ND<2.5 U	FALSE
MW-2D	3/26/2008	ND<0.15 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-4	4/15/1998	171	FALSE
MW-4	11/9/1998	31	FALSE
MW-4	4/26/1999	16 I	FALSE
MW-4	11/1/1999	7 I	FALSE
MW-4	4/4/2000	32	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	10/22/2001	18	FALSE
MW-4	4/29/2002	14	FALSE
MW-4	10/28/2002	4.1	FALSE
MW-4	3/24/2003	8.1	FALSE
MW-4	9/30/2003	2.7	FALSE

MW-4	3/29/2004	19	FALSE
MW-4	9/27/2004	ND<1 U	FALSE
MW-4	4/11/2005	57	FALSE
MW-4	9/26/2005	12	FALSE
MW-4	3/27/2007	1.4 J	FALSE
MW-4	9/28/2007	2.4 J	FALSE
MW-4	3/26/2008	ND<0.15 U	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	5.4	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4D	4/15/1998	5 I	FALSE
MW-4D	11/9/1998	5 I	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	8 I	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	16	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	35	FALSE
MW-4D	4/29/2002	23	FALSE
MW-4D	10/28/2002	5.8	FALSE
MW-4D	3/24/2003	6.7	FALSE
MW-4D	9/29/2003	2.4	FALSE
MW-4D	3/29/2004	13	FALSE
MW-4D	9/27/2004	ND<1 U	FALSE
MW-4D	4/11/2005	ND<1 U	FALSE
MW-4D	9/26/2005	ND<1 U	FALSE
MW-4D	3/27/2007	0.36 J	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.15 U	FALSE
MW-4D	9/29/2008	13.6	FALSE
MW-4D	3/26/2009	8.1	FALSE
MW-4D	10/2/2009	17.4	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-8	4/17/1998	15 I	FALSE
MW-8	11/10/1998	47	FALSE
MW-8	4/26/1999	10 I	FALSE
MW-8	11/1/1999	6 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	4/30/2001	ND<2.5 U	FALSE
MW-8	10/22/2001	99	FALSE
MW-8	1/14/2002	9.8	FALSE
MW-8	4/29/2002	47	FALSE
MW-8	10/28/2002	2.7	FALSE

MW-8	3/25/2003	4.1	FALSE
MW-8	9/30/2003	5.9	FALSE
MW-8	3/30/2004	9.3	FALSE
MW-8	9/27/2004	8.4	FALSE
MW-8	4/12/2005	14	FALSE
MW-8	9/27/2005	ND<1 U	FALSE
MW-8	3/27/2007	2.3 J	FALSE
MW-8	9/28/2007	0.7 J	FALSE
MW-8	3/27/2008	ND<0.15 U	FALSE
MW-8	9/29/2008	ND<2.5 U	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	ND<2.5 U	FALSE
MW-8	4/6/2010	ND<2.5 U	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	6	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	ND<2.5 U	FALSE
MW-8D	4/29/2002	6.3	FALSE
MW-8D	10/28/2002	3.2	FALSE
MW-8D	3/25/2003	ND<1 U	FALSE
MW-8D	9/30/2003	ND<1 U	FALSE
MW-8D	3/30/2004	ND<1 U	FALSE
MW-8D	9/27/2004	4.1	FALSE
MW-8D	4/12/2005	ND<1 U	FALSE
MW-8D	9/27/2005	ND<1 U	FALSE
MW-8D	3/27/2007	1.3 J	FALSE
MW-8D	9/28/2007	2.2 J	FALSE
MW-8D	3/27/2008	ND<0.15 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	6.2	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-11	4/29/2002	84	FALSE
MW-11	10/29/2002	ND<1 U	FALSE
MW-11	3/25/2003	5.9	FALSE
MW-11	9/29/2003	9.7	FALSE
MW-11	3/30/2004	28	FALSE
MW-11	9/27/2004	2.7	FALSE
MW-11	4/12/2005	5.2	FALSE
MW-11	9/26/2005	14	FALSE
MW-11	3/27/2007	3 J	FALSE

MW-11	9/27/2007	67.5	FALSE
MW-11	3/27/2008	46.7	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE

MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<1 U	FALSE
MW-11D	3/25/2003	2.6	FALSE
MW-11D	9/29/2003	3.2	FALSE
MW-11D	3/30/2004	ND<1 U	FALSE
MW-11D	9/27/2004	ND<1 U	FALSE
MW-11D	4/12/2005	ND<1 U	FALSE
MW-11D	9/26/2005	ND<1 U	FALSE
MW-11D	3/27/2007	2.6 J	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.15 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE

MW-10	4/30/2002	9	FALSE
MW-10	10/29/2002	24	FALSE
MW-10	3/25/2003	31	FALSE
MW-10	9/30/2003	24	FALSE
MW-10	3/30/2004	6	FALSE
MW-10	9/27/2004	28	FALSE
MW-10	4/12/2005	170	FALSE
MW-10	9/27/2005	79	FALSE
MW-10	3/27/2007	17	FALSE
MW-10	9/27/2007	17.6	FALSE
MW-10	3/26/2008	10.1	FALSE
MW-10	9/26/2008	17.3	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	10.3	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE

MW-10D	4/30/2002	180	FALSE
MW-10D	10/29/2002	17	FALSE
MW-10D	3/25/2003	21	FALSE

MW-10D	9/30/2003	2.8	FALSE
MW-10D	3/30/2004	3	FALSE
MW-10D	9/27/2004	2	FALSE
MW-10D	4/12/2005	19	FALSE
MW-10D	9/27/2005	43	FALSE
MW-10D	3/27/2007	0.91 J	FALSE
MW-10D	9/27/2007	10.6	FALSE
MW-10D	3/26/2008	ND<0.15 U	FALSE
MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	5.8	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE

MW-12	10/28/2002	ND<1 U	FALSE
MW-12	3/25/2003	22	FALSE
MW-12	9/30/2003	8	FALSE
MW-12	3/30/2004	ND<1 U	FALSE
MW-12	9/27/2004	15	FALSE
MW-12	4/11/2005	15	FALSE
MW-12	9/27/2005	5.2	FALSE
MW-12	3/27/2007	0.91 J	FALSE
MW-12	9/28/2007	62.5	FALSE
MW-12	3/27/2008	ND<0.15 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	12.5	FALSE
MW-12	10/2/2009	6.1	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE

MW-12D	10/28/2002	ND<1 U	FALSE
MW-12D	3/25/2003	200	FALSE
MW-12D	9/30/2003	16	FALSE
MW-12D	3/30/2004	2.2	FALSE
MW-12D	9/27/2004	82	FALSE
MW-12D	4/11/2005	61	FALSE
MW-12D	9/27/2005	12	FALSE
MW-12D	3/27/2007	3 J	FALSE
MW-12D	9/28/2007	43.1	FALSE
MW-12D	3/27/2008	6.1	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	8.1	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE

MW-13	9/27/2005	3.6	FALSE
MW-13	3/27/2007	0.47 J	FALSE
MW-13	9/28/2007	1.4 J	FALSE
MW-13	3/27/2008	ND<0.15 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13D	9/27/2005	34	FALSE
MW-13D	3/27/2007	12	FALSE
MW-13D	9/28/2007	0.3 J	FALSE
MW-13D	3/27/2008	ND<0.15 U	FALSE
MW-13D	9/29/2008	ND<2.5 U	FALSE
MW-13D	3/26/2009	5.6	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-14	3/27/2007	5.2 J	FALSE
MW-14	9/28/2007	42.6	FALSE
MW-14	3/27/2008	19.2	FALSE
MW-14	9/30/2008	6.3	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	30.1	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	0.66 J	FALSE
MW-14D	3/27/2008	ND<0.15 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Copper

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 1000

0 background measurements exceed 1000
0 compliance measurements exceed 1000

p background = 0 = 0 / 50
p compliance = 0 = 0 / 456
p total = 0 = 0 / 506

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 456
m(1-Pb = 50

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 15.1515%
Background measurements (n) = 11
Maximum Background Concentration = 645000
Minimum Coverage = 76.2%
Average Coverage = 91.6667%

Location	Date	Value	Significant
MW-12	9/30/2003	860	FALSE
MW-12	10/2/2009	4810	FALSE
MW-12	4/6/2010	508000	FALSE
MW-12	3/29/2011	1190	FALSE
MW-12	10/6/2011	ND<25 U	FALSE
MW-12	4/5/2012	477	FALSE
MW-4	9/30/2003	260	FALSE
MW-12D	10/2/2009	1280	FALSE
MW-12D	**4/6/2010**	**1.14e+006**	**TRUE**
MW-12D	3/29/2011	4080	FALSE
MW-12D	10/6/2011	500	FALSE
MW-12D	4/5/2012	657	FALSE
MW-14	10/2/2009	4050	FALSE
MW-14	**4/6/2010**	**647000**	**TRUE**
MW-14	3/29/2011	6680	FALSE
MW-14	10/6/2011	2990	FALSE
MW-14	4/5/2012	3010	FALSE
MW-14D	10/2/2009	ND<25 U	FALSE
MW-14D	4/6/2010	ND<25000 U	FALSE
MW-14D	3/29/2011	59.3	FALSE
MW-14D	10/6/2011	ND<25 U	FALSE
MW-14D	4/5/2012	ND<25 U	FALSE

Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 11
Compliance measurements = 22
Comparison Level = 300

11 background measurements exceed 300
16 compliance measurements exceed 300

p background = 1 = 11 / 11
p compliance = 0.727273 = 16 / 22
p total = 0.818182 = 27 / 33

nPs = 16
mPb = 11
n(1-Ps) = 6
m(1-Pb = 0 < 5.0

Zp = -1.91485 = -0.272727 / 0.142427
Z critical = 1.64485 at 95% confidence level

-1.91485 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

Non-Parametric Tolerance Interval

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 18.1818%
Background measurements (n) = 11
Maximum Background Concentration = 11400
Minimum Coverage = 76.2%
Average Coverage = 91.6667%

Location	Date	Value	Significant
MW-12	9/30/2003	51	FALSE
MW-12	10/2/2009	182	FALSE
MW-12	**4/6/2010**	**89800**	**TRUE**
MW-12	3/29/2011	117	FALSE
MW-12	10/6/2011	126	FALSE
MW-12	4/5/2012	61.5	FALSE
MW-4	9/30/2003	9.2	FALSE
MW-12D	10/2/2009	23.5	FALSE
MW-12D	**4/6/2010**	**13000**	**TRUE**
MW-12D	3/29/2011	63.1	FALSE
MW-12D	10/6/2011	8.8	FALSE
MW-12D	4/5/2012	13.6	FALSE
MW-14	10/2/2009	24.9	FALSE
MW-14	4/6/2010	ND<2500 U	FALSE
MW-14	3/29/2011	40.2	FALSE
MW-14	10/6/2011	17.7	FALSE
MW-14	4/5/2012	19.8	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2500 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 11
Compliance measurements = 22
Comparison Level = 50

3 background measurements exceed 50
10 compliance measurements exceed 50

p background = 0.272727 = 3 / 11
p compliance = 0.454545 = 10 / 22
p total = 0.393939 = 13 / 33

nPs = 10
mPb = 3 < 5.0
n(1-Ps) = 12
m(1-Pb = 8

Zp = 1.00766 = 0.181818 / 0.180436
Z critical = 1.64485 at 95% confidence level

1.00766 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 50

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 45.2569%
Background measurements (n) = 50
Maximum Background Concentration = 212
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	88	FALSE
MW-5	11/11/1998	52	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	34	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	10/22/2001	5.1	FALSE
MW-5	4/29/2002	49	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	5.1	FALSE
MW-5	9/27/2004	ND<2.5 U	FALSE
MW-5	4/12/2005	ND<2.5 U	FALSE
MW-5	9/26/2005	ND<2.5 U	FALSE
MW-5	3/27/2007	ND<25 U	FALSE
MW-5	9/27/2007	ND<2.5 U	FALSE
MW-5	3/26/2008	5.1	FALSE
MW-5	9/30/2008	6.2	FALSE
MW-5	3/26/2009	7.3	FALSE
MW-5	10/2/2009	11.8	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5D	4/13/1998	8 I	FALSE
MW-5D	11/11/1998	6 I	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	7.1	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	6	FALSE
MW-5D	4/29/2002	9	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE

MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/27/2007	ND<25 U	FALSE
MW-5D	9/27/2007	2.9 J	FALSE
MW-5D	3/26/2008	ND<0.85 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-6	4/13/1998	24	FALSE
MW-6	11/11/1998	28	FALSE
MW-6	4/26/1999	12 I	FALSE
MW-6	11/2/1999	10 I	FALSE
MW-6	4/3/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	31	FALSE
MW-6	4/30/2001	12	FALSE
MW-6	10/22/2001	170	FALSE
MW-6	4/29/2002	94	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	100	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	12	FALSE
MW-6	4/12/2005	92	FALSE
MW-6	9/26/2005	8	FALSE
MW-6	3/27/2007	ND<25 U	FALSE
MW-6	9/27/2007	1.8 J	FALSE
MW-6	3/26/2008	12.2	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	4/2/2010	10.4	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-7	4/13/1998	85	FALSE
MW-7	11/11/1998	64	FALSE
MW-7	4/26/1999	9 I	FALSE
MW-7	11/2/1999	10 I	FALSE
MW-7	4/3/2000	8 I	FALSE
MW-7	11/6/2000	52	FALSE
MW-7	4/30/2001	36	FALSE
MW-7	**10/22/2001**	**340**	**TRUE**
MW-7	4/29/2002	170	FALSE
MW-7	10/28/2002	41	FALSE
MW-7	3/25/2003	12	FALSE
MW-7	9/29/2003	92	FALSE
MW-7	3/30/2004	13	FALSE
MW-7	9/27/2004	28	FALSE

MW-7	**4/12/2005**	**250**	**TRUE**
MW-7	9/26/2005	42	FALSE
MW-7	3/27/2007	18 J	FALSE
MW-7	9/27/2007	14.2	FALSE
MW-7	3/26/2008	14.2	FALSE
MW-7	9/26/2008	13.3	FALSE
MW-7	3/26/2009	7.3	FALSE
MW-7	10/1/2009	11.8	FALSE
MW-7	4/2/2010	7	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	6	FALSE
MW-7	10/5/2011	10.8	FALSE
MW-7	4/4/2012	8.8	FALSE

MW-3	**4/14/1998**	**293**	**TRUE**
MW-3	**11/9/1998**	**264**	**TRUE**
MW-3	4/27/1999	84	FALSE
MW-3	11/1/1999	66	FALSE
MW-3	4/3/2000	34	FALSE
MW-3	11/6/2000	70	FALSE
MW-3	4/30/2001	53	FALSE
MW-3	10/22/2001	94	FALSE
MW-3	4/29/2002	100	FALSE
MW-3	10/28/2002	54	FALSE
MW-3	3/24/2003	62	FALSE
MW-3	9/29/2003	100	FALSE
MW-3	3/30/2004	55	FALSE
MW-3	9/27/2004	50	FALSE
MW-3	4/11/2005	190	FALSE
MW-3	9/26/2005	120	FALSE
MW-3	3/27/2007	28 J	FALSE
MW-3	9/28/2007	23.5	FALSE
MW-3	3/26/2008	42.2	FALSE
MW-3	9/30/2008	20.8	FALSE
MW-3	3/26/2009	46.3	FALSE
MW-3	10/1/2009	24.3	FALSE
MW-3	4/2/2010	41.1	FALSE
MW-3	10/6/2010	25.6	FALSE
MW-3	3/25/2011	22	FALSE
MW-3	10/5/2011	18.2	FALSE
MW-3	4/4/2012	26.2	FALSE

MW-2	4/15/1998	49	FALSE
MW-2	11/11/1998	40	FALSE
MW-2	4/27/1999	5 I	FALSE
MW-2	11/2/1999	18 I	FALSE
MW-2	4/4/2000	16 I	FALSE
MW-2	11/6/2000	6.5	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	61	FALSE
MW-2	4/29/2002	92	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	6.7	FALSE
MW-2	9/29/2003	32	FALSE
MW-2	3/29/2004	21	FALSE

MW-2	9/27/2004	66	FALSE
MW-2	4/11/2005	97	FALSE
MW-2	9/26/2005	54	FALSE
MW-2	3/27/2007	ND<25 U	FALSE
MW-2	9/28/2007	80.6	FALSE
MW-2	3/26/2008	ND<0.85 U	FALSE
MW-2	9/29/2008	10.1	FALSE
MW-2	3/26/2009	40.9	FALSE
MW-2	10/1/2009	84.8	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	7.5	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	8 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	11	FALSE
MW-2D	10/28/2002	5.5	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	7.2	FALSE
MW-2D	3/29/2004	ND<2.5 U	FALSE
MW-2D	9/27/2004	ND<2.5 U	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/27/2007	ND<25 U	FALSE
MW-2D	9/28/2007	ND<2.5 U	FALSE
MW-2D	3/26/2008	ND<0.85 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-4	4/15/1998	126	FALSE
MW-4	11/9/1998	33	FALSE
MW-4	4/26/1999	15 I	FALSE
MW-4	11/1/1999	13 I	FALSE
MW-4	4/4/2000	20 I	FALSE
MW-4	11/6/2000	6.7	FALSE
MW-4	4/30/2001	6	FALSE
MW-4	10/22/2001	21	FALSE
MW-4	4/29/2002	18	FALSE
MW-4	10/28/2002	8.5	FALSE
MW-4	3/24/2003	5.5	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE

MW-4	3/29/2004	13	FALSE
MW-4	9/27/2004	ND<2.5 U	FALSE
MW-4	4/11/2005	35	FALSE
MW-4	9/26/2005	9.4	FALSE
MW-4	3/27/2007	2.5 J	FALSE
MW-4	9/28/2007	6.5	FALSE
MW-4	3/26/2008	5	FALSE
MW-4	9/29/2008	8.1	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	6.2	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	ND<2.5 U	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4D	4/15/1998	ND<2.5 U	FALSE
MW-4D	11/9/1998	6 I	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	5 I	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	6.5	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	24	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<2.5 U	FALSE
MW-4D	3/29/2004	7	FALSE
MW-4D	9/27/2004	ND<2.5 U	FALSE
MW-4D	4/11/2005	ND<2.5 U	FALSE
MW-4D	9/26/2005	ND<2.5 U	FALSE
MW-4D	3/27/2007	ND<25 U	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.85 U	FALSE
MW-4D	9/29/2008	8	FALSE
MW-4D	3/26/2009	7.1	FALSE
MW-4D	10/2/2009	13.2	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-8	4/17/1998	38	FALSE
MW-8	11/10/1998	40	FALSE
MW-8	4/26/1999	8 I	FALSE
MW-8	11/1/1999	7 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	7.8	FALSE
MW-8	4/30/2001	16	FALSE
MW-8	10/22/2001	65	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	30	FALSE
MW-8	10/28/2002	ND<2.5 U	FALSE

MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<2.5 U	FALSE
MW-8	3/30/2004	5.2	FALSE
MW-8	9/27/2004	ND<2.5 U	FALSE
MW-8	4/12/2005	9.7	FALSE
MW-8	9/27/2005	ND<2.5 U	FALSE
MW-8	3/27/2007	ND<25 U	FALSE
MW-8	9/28/2007	ND<2.5 U	FALSE
MW-8	3/27/2008	ND<0.85 U	FALSE
MW-8	9/29/2008	9.7	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	ND<2.5 U	FALSE
MW-8	4/6/2010	ND<2.5 U	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	5 I	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	12	FALSE
MW-8D	4/29/2002	7.7	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/27/2007	ND<25 U	FALSE
MW-8D	9/28/2007	ND<2.5 U	FALSE
MW-8D	3/27/2008	ND<0.85 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-11	4/29/2002	120	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	21	FALSE
MW-11	9/29/2003	20	FALSE
MW-11	3/30/2004	48	FALSE
MW-11	9/27/2004	19	FALSE
MW-11	4/12/2005	32	FALSE
MW-11	9/26/2005	35	FALSE
MW-11	3/27/2007	23 J	FALSE

MW-11	9/27/2007	80.3	FALSE
MW-11	3/27/2008	59.8	FALSE
MW-11	9/30/2008	26.8	FALSE
MW-11	3/26/2009	48.6	FALSE
MW-11	10/5/2009	31.6	FALSE
MW-11	4/6/2010	10	FALSE
MW-11	10/8/2010	8.3	FALSE
MW-11	3/29/2011	15.7	FALSE
MW-11	10/5/2011	7.9	FALSE
MW-11	4/6/2012	9.2	FALSE
MW-11D	4/29/2002	20	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	13	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/27/2007	ND<25 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.85 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-10	4/30/2002	16	FALSE
MW-10	10/29/2002	35	FALSE
MW-10	3/25/2003	36	FALSE
MW-10	9/30/2003	23	FALSE
MW-10	3/30/2004	8.7	FALSE
MW-10	9/27/2004	18	FALSE
MW-10	4/12/2005	36	FALSE
MW-10	9/27/2005	14	FALSE
MW-10	3/27/2007	1.8 J	FALSE
MW-10	9/27/2007	5.6	FALSE
MW-10	3/26/2008	ND<0.85 U	FALSE
MW-10	9/26/2008	7.3	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	5.9	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10D	**4/30/2002**	**240**	**TRUE**
MW-10D	10/29/2002	48	FALSE
MW-10D	3/25/2003	47	FALSE

MW-10D	9/30/2003	10	FALSE
MW-10D	3/30/2004	8.8	FALSE
MW-10D	9/27/2004	12	FALSE
MW-10D	4/12/2005	35	FALSE
MW-10D	9/27/2005	63	FALSE
MW-10D	3/27/2007	4.8 J	FALSE
MW-10D	9/27/2007	15.2	FALSE
MW-10D	3/26/2008	7.9	FALSE
MW-10D	9/26/2008	5.5	FALSE
MW-10D	3/26/2009	6	FALSE
MW-10D	10/1/2009	9.5	FALSE
MW-10D	4/2/2010	10.2	FALSE
MW-10D	10/7/2010	5.3	FALSE
MW-10D	3/29/2011	5.5	FALSE
MW-10D	10/5/2011	7.4	FALSE
MW-10D	4/4/2012	6.8	FALSE

MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	48	FALSE
MW-12	9/30/2003	9.1	FALSE
MW-12	3/30/2004	5	FALSE
MW-12	9/27/2004	23	FALSE
MW-12	4/11/2005	21	FALSE
MW-12	9/27/2005	22	FALSE
MW-12	3/27/2007	5.9 J	FALSE
MW-12	9/28/2007	61.6	FALSE
MW-12	3/27/2008	11.7	FALSE
MW-12	9/30/2008	10.7	FALSE
MW-12	3/26/2009	21.1	FALSE
MW-12	10/2/2009	14.6	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	13.1	FALSE
MW-12	3/29/2011	7.3	FALSE
MW-12	10/6/2011	12.7	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE

MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	**3/25/2003**	**230**	**TRUE**
MW-12D	9/30/2003	15	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	52	FALSE
MW-12D	4/11/2005	41	FALSE
MW-12D	9/27/2005	9.9	FALSE
MW-12D	3/27/2007	ND<25 U	FALSE
MW-12D	9/28/2007	32.5	FALSE
MW-12D	3/27/2008	6.7	FALSE
MW-12D	9/30/2008	9	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	12.7	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE

MW-13	9/27/2005	ND<2.5 U	FALSE
MW-13	3/27/2007	ND<25 U	FALSE
MW-13	9/28/2007	2.4 J	FALSE
MW-13	3/27/2008	ND<0.85 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	12	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	9	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13D	9/27/2005	58	FALSE
MW-13D	3/27/2007	26 J	FALSE
MW-13D	9/28/2007	24.3	FALSE
MW-13D	3/27/2008	35.6	FALSE
MW-13D	9/29/2008	23.1	FALSE
MW-13D	3/26/2009	26.2	FALSE
MW-13D	10/2/2009	29	FALSE
MW-13D	4/2/2010	22.2	FALSE
MW-13D	10/7/2010	15.3	FALSE
MW-13D	3/25/2011	18.5	FALSE
MW-13D	10/6/2011	23.2	FALSE
MW-13D	4/5/2012	19.3	FALSE
MW-14	3/27/2007	4.8 J	FALSE
MW-14	9/28/2007	35.6	FALSE
MW-14	3/27/2008	20.1	FALSE
MW-14	9/30/2008	6.7	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	5	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14D	3/27/2007	ND<25 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.85 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 100

2 background measurements exceed 100
12 compliance measurements exceed 100

p background = 0.04 = 2 / 50
p compliance = 0.0263158 = 12 / 456
p total = 0.027668 = 14 / 506

nPs = 12
mPb = 2 < 5.0
n(1-Ps) = 444
m(1-Pb = 48

Zp = -0.560036 = -0.0136842 / 0.0244345
Z critical = 1.64485 at 95% confidence level

-0.560036 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 100

Non-Parametric Tolerance Interval

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 2.77778%
Background measurements (n) = 12
Maximum Background Concentration = 47100
Minimum Coverage = 77.9%
Average Coverage = 92.3077%

Location	Date	Value	Significant
MW-12	**10/2/2009**	**53600**	**TRUE**
MW-12	**4/6/2010**	**66400**	**TRUE**
MW-12	**10/7/2010**	**106000**	**TRUE**
MW-12	**3/29/2011**	**77400**	**TRUE**
MW-12	**10/6/2011**	**201000**	**TRUE**
MW-12	**4/5/2012**	**88300**	**TRUE**
MW-12D	10/2/2009	28800	FALSE
MW-12D	4/6/2010	18700	FALSE
MW-12D	10/7/2010	42500	FALSE
MW-12D	3/29/2011	24400	FALSE
MW-12D	10/6/2011	45500	FALSE
MW-12D	4/5/2012	25300	FALSE
MW-14	10/2/2009	28900	FALSE
MW-14	4/6/2010	30100	FALSE
MW-14	10/7/2010	24700	FALSE
MW-14	3/29/2011	27600	FALSE
MW-14	10/6/2011	24200	FALSE
MW-14	4/5/2012	26100	FALSE
MW-14D	10/2/2009	16000	FALSE
MW-14D	4/6/2010	14900	FALSE
MW-14D	10/7/2010	14300	FALSE
MW-14D	3/29/2011	16200	FALSE
MW-14D	10/6/2011	13500	FALSE
MW-14D	4/5/2012	13800	FALSE

Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 12
Compliance measurements = 24
Comparison Level = 250000

0 background measurements exceed 250000
0 compliance measurements exceed 250000

p background = 0 = 0 / 12
p compliance = 0 = 0 / 24
p total = 0 = 0 / 36

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 24
m(1-Pb = 12

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 0%
Background measurements (n) = 6
Maximum Background Concentration = 405000
Minimum Coverage = 60.7%
Average Coverage = 85.7143%

Location	Date	Value	Significant
MW-12	3/29/2011	330000	FALSE
MW-12	**10/6/2011**	**567000**	**TRUE**
MW-12	4/5/2012	343000	FALSE
MW-12D	3/29/2011	253000	FALSE
MW-12D	10/6/2011	204000	FALSE
MW-12D	4/5/2012	186000	FALSE
MW-14	3/29/2011	260000	FALSE
MW-14	10/6/2011	182000	FALSE
MW-14	4/5/2012	167000	FALSE
MW-14D	3/29/2011	201000	FALSE
MW-14D	10/6/2011	185000	FALSE
MW-14D	4/5/2012	162000	FALSE

Two-Sample Test of Proportions

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 6
Compliance measurements = 12
Comparison Level = 500000

0 background measurements exceed 500000
1 compliance measurements exceed 500000

p background = 0 = 0 / 6
p compliance = 0.0833333 = 1 / 12
p total = 0.0555556 = 1 / 18

nPs = 1 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 11
m(1-Pb = 6

Zp = 0.727607 = 0.0833333 / 0.114531
Z critical = 1.64485 at 95% confidence level

0.727607 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 500000

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 38.7352%
Background measurements (n) = 50
Maximum Background Concentration = 420
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	198	FALSE
MW-5	11/11/1998	116	FALSE
MW-5	4/26/1999	50	FALSE
MW-5	11/2/1999	50	FALSE
MW-5	4/3/2000	52	FALSE
MW-5	11/6/2000	55	FALSE
MW-5	4/30/2001	51	FALSE
MW-5	10/22/2001	38	FALSE
MW-5	4/29/2002	130	FALSE
MW-5	10/28/2002	13	FALSE
MW-5	3/24/2003	38	FALSE
MW-5	9/29/2003	28	FALSE
MW-5	3/30/2004	15	FALSE
MW-5	9/27/2004	25	FALSE
MW-5	4/12/2005	13	FALSE
MW-5	9/26/2005	26	FALSE
MW-5	3/27/2007	7.8 J	FALSE
MW-5	9/27/2007	8.3	FALSE
MW-5	3/26/2008	13.7	FALSE
MW-5	9/30/2008	8.8	FALSE
MW-5	3/26/2009	20.7	FALSE
MW-5	10/2/2009	24.2	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	6.4	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5D	4/13/1998	12 I	FALSE
MW-5D	11/11/1998	6 I	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	8.3	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	7.3	FALSE
MW-5D	4/29/2002	15	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE

MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/27/2007	2.4 J	FALSE
MW-5D	9/27/2007	1.9 J	FALSE
MW-5D	3/26/2008	ND<0.1 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	7.5	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-6	4/13/1998	74	FALSE
MW-6	11/11/1998	86	FALSE
MW-6	4/26/1999	35	FALSE
MW-6	11/2/1999	30	FALSE
MW-6	4/3/2000	8 I	FALSE
MW-6	11/6/2000	49	FALSE
MW-6	4/30/2001	15	FALSE
MW-6	**10/22/2001**	**550**	**TRUE**
MW-6	4/29/2002	350	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	380	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	49	FALSE
MW-6	**4/12/2005**	**430**	**TRUE**
MW-6	9/26/2005	29	FALSE
MW-6	3/27/2007	2.2 J	FALSE
MW-6	9/27/2007	7.7	FALSE
MW-6	3/26/2008	48.1	FALSE
MW-6	9/30/2008	6.1	FALSE
MW-6	3/26/2009	8.2	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	4/2/2010	38.3	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-7	4/13/1998	134	FALSE
MW-7	11/11/1998	105	FALSE
MW-7	4/26/1999	7 I	FALSE
MW-7	11/2/1999	10 I	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	11/6/2000	46	FALSE
MW-7	4/30/2001	39	FALSE
MW-7	**10/22/2001**	**620**	**TRUE**
MW-7	4/29/2002	310	FALSE
MW-7	10/28/2002	49	FALSE
MW-7	3/25/2003	11	FALSE
MW-7	9/29/2003	140	FALSE
MW-7	3/30/2004	ND<2.5 U	FALSE
MW-7	9/27/2004	26	FALSE

MW-7	**4/12/2005**	**480**	**TRUE**
MW-7	9/26/2005	48	FALSE
MW-7	3/27/2007	23 J	FALSE
MW-7	9/27/2007	8.3	FALSE
MW-7	3/26/2008	9.6	FALSE
MW-7	9/26/2008	9.9	FALSE
MW-7	3/26/2009	7.7	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	58.4	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE

MW-3	**4/14/1998**	**783**	**TRUE**
MW-3	**11/9/1998**	**600**	**TRUE**
MW-3	4/27/1999	132	FALSE
MW-3	11/1/1999	75	FALSE
MW-3	4/3/2000	6 I	FALSE
MW-3	11/6/2000	35	FALSE
MW-3	4/30/2001	22	FALSE
MW-3	10/22/2001	97	FALSE
MW-3	4/29/2002	140	FALSE
MW-3	10/28/2002	36	FALSE
MW-3	3/24/2003	66	FALSE
MW-3	9/29/2003	94	FALSE
MW-3	3/30/2004	22	FALSE
MW-3	9/27/2004	37	FALSE
MW-3	**4/11/2005**	**540**	**TRUE**
MW-3	9/26/2005	100	FALSE
MW-3	3/27/2007	22 J	FALSE
MW-3	9/28/2007	22.5	FALSE
MW-3	3/26/2008	90.4	FALSE
MW-3	9/30/2008	15.6	FALSE
MW-3	3/26/2009	93	FALSE
MW-3	10/1/2009	18.4	FALSE
MW-3	4/2/2010	12.4	FALSE
MW-3	10/6/2010	17.2	FALSE
MW-3	3/25/2011	9.8	FALSE
MW-3	10/5/2011	6.1	FALSE
MW-3	4/4/2012	12.8	FALSE

MW-2	4/15/1998	47	FALSE
MW-2	11/11/1998	36	FALSE
MW-2	4/27/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	16 I	FALSE
MW-2	4/4/2000	14 I	FALSE
MW-2	11/6/2000	7.8	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	77	FALSE
MW-2	4/29/2002	87	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	6.8	FALSE
MW-2	9/29/2003	30	FALSE
MW-2	3/29/2004	23	FALSE

MW-2	9/27/2004	74	FALSE
MW-2	4/11/2005	98	FALSE
MW-2	9/26/2005	59	FALSE
MW-2	3/27/2007	1.4 J	FALSE
MW-2	9/28/2007	76.1	FALSE
MW-2	3/26/2008	ND<0.1 U	FALSE
MW-2	9/29/2008	11.8	FALSE
MW-2	3/26/2009	37.8	FALSE
MW-2	10/1/2009	96.8	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	12.5	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	14 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	6 I	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	5.3	FALSE
MW-2D	4/30/2001	8.1	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	17	FALSE
MW-2D	10/28/2002	10	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	13	FALSE
MW-2D	3/29/2004	8.2	FALSE
MW-2D	9/27/2004	9.9	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/27/2007	2.6 J	FALSE
MW-2D	9/28/2007	3.1 J	FALSE
MW-2D	3/26/2008	ND<0.1 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-4	4/15/1998	342	FALSE
MW-4	11/9/1998	55	FALSE
MW-4	4/26/1999	22	FALSE
MW-4	11/1/1999	11 I	FALSE
MW-4	4/4/2000	56	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	10/22/2001	23	FALSE
MW-4	4/29/2002	24	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	19	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE

MW-4	3/29/2004	38	FALSE
MW-4	9/27/2004	5.1	FALSE
MW-4	4/11/2005	110	FALSE
MW-4	9/26/2005	31	FALSE
MW-4	3/27/2007	4.3 J	FALSE
MW-4	9/28/2007	4.5 J	FALSE
MW-4	3/26/2008	10.5	FALSE
MW-4	9/29/2008	7	FALSE
MW-4	3/26/2009	6.8	FALSE
MW-4	10/2/2009	6.5	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	7.2	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4D	4/15/1998	6 I	FALSE
MW-4D	11/9/1998	18 I	FALSE
MW-4D	4/26/1999	5 I	FALSE
MW-4D	11/1/1999	ND<2.5 U	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	44	FALSE
MW-4D	4/30/2001	21	FALSE
MW-4D	10/22/2001	100	FALSE
MW-4D	4/29/2002	59	FALSE
MW-4D	10/28/2002	12	FALSE
MW-4D	3/24/2003	22	FALSE
MW-4D	9/29/2003	8.6	FALSE
MW-4D	3/29/2004	39	FALSE
MW-4D	9/27/2004	6.2	FALSE
MW-4D	4/11/2005	6.1	FALSE
MW-4D	9/26/2005	5.1	FALSE
MW-4D	3/27/2007	4.3 J	FALSE
MW-4D	9/28/2007	3.7 J	FALSE
MW-4D	3/26/2008	9.7	FALSE
MW-4D	9/29/2008	46.7	FALSE
MW-4D	3/26/2009	30.5	FALSE
MW-4D	10/2/2009	60.7	FALSE
MW-4D	4/6/2010	8.3	FALSE
MW-4D	10/7/2010	6.9	FALSE
MW-4D	3/29/2011	6.9	FALSE
MW-4D	10/5/2011	7.6	FALSE
MW-4D	4/5/2012	8.5	FALSE
MW-8	4/17/1998	23	FALSE
MW-8	11/10/1998	81	FALSE
MW-8	4/26/1999	12 I	FALSE
MW-8	11/1/1999	8 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	13	FALSE
MW-8	4/30/2001	16	FALSE
MW-8	10/22/2001	160	FALSE
MW-8	1/14/2002	18	FALSE
MW-8	4/29/2002	72	FALSE
MW-8	10/28/2002	ND<2.5 U	FALSE

MW-8	3/25/2003	7	FALSE
MW-8	9/30/2003	7.6	FALSE
MW-8	3/30/2004	15	FALSE
MW-8	9/27/2004	14	FALSE
MW-8	4/12/2005	26	FALSE
MW-8	9/27/2005	ND<2.5 U	FALSE
MW-8	3/27/2007	5.4 J	FALSE
MW-8	9/28/2007	3.1 J	FALSE
MW-8	3/27/2008	11.5	FALSE
MW-8	9/29/2008	6.5	FALSE
MW-8	3/25/2009	5.7	FALSE
MW-8	10/5/2009	10.3	FALSE
MW-8	4/6/2010	7.2	FALSE
MW-8	10/8/2010	5.9	FALSE
MW-8	3/29/2011	5.4	FALSE
MW-8	10/6/2011	6.9	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	ND<2.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	8.5	FALSE
MW-8D	4/29/2002	18	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/27/2007	1.8 J	FALSE
MW-8D	9/28/2007	1.9 J	FALSE
MW-8D	3/27/2008	ND<0.1 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-11	4/29/2002	130	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	7.7	FALSE
MW-11	9/29/2003	7.9	FALSE
MW-11	3/30/2004	19	FALSE
MW-11	9/27/2004	ND<2.5 U	FALSE
MW-11	4/12/2005	ND<2.5 U	FALSE
MW-11	9/26/2005	6.1	FALSE
MW-11	3/27/2007	2 J	FALSE

MW-11	9/27/2007	58.6	FALSE
MW-11	3/27/2008	ND<0.1 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/27/2007	2.1 J	FALSE
MW-11D	9/27/2007	1.4 J	FALSE
MW-11D	3/27/2008	ND<0.1 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-10	4/30/2002	21	FALSE
MW-10	10/29/2002	50	FALSE
MW-10	3/25/2003	69	FALSE
MW-10	9/30/2003	42	FALSE
MW-10	3/30/2004	18	FALSE
MW-10	9/27/2004	46	FALSE
MW-10	4/12/2005	74	FALSE
MW-10	9/27/2005	22	FALSE
MW-10	3/27/2007	7.3 J	FALSE
MW-10	9/27/2007	9	FALSE
MW-10	3/26/2008	7.8	FALSE
MW-10	9/26/2008	15.4	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	9.1	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	6.2	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10D	4/30/2002	190	FALSE
MW-10D	10/29/2002	14	FALSE
MW-10D	3/25/2003	25	FALSE

MW-10D	9/30/2003	ND<2.5 U	FALSE
MW-10D	3/30/2004	ND<2.5 U	FALSE
MW-10D	9/27/2004	ND<2.5 U	FALSE
MW-10D	4/12/2005	9.8	FALSE
MW-10D	9/27/2005	27	FALSE
MW-10D	3/27/2007	3.9 J	FALSE
MW-10D	9/27/2007	5.8	FALSE
MW-10D	3/26/2008	ND<0.1 U	FALSE
MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	45	FALSE
MW-12	9/30/2003	13	FALSE
MW-12	3/30/2004	ND<2.5 U	FALSE
MW-12	9/27/2004	24	FALSE
MW-12	4/11/2005	26	FALSE
MW-12	9/27/2005	9.2	FALSE
MW-12	3/27/2007	2.4 J	FALSE
MW-12	9/28/2007	91.9	FALSE
MW-12	3/27/2008	ND<0.1 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	22.2	FALSE
MW-12	10/2/2009	10.9	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	11.1	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	300	FALSE
MW-12D	9/30/2003	25	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	120	FALSE
MW-12D	4/11/2005	100	FALSE
MW-12D	9/27/2005	16	FALSE
MW-12D	3/27/2007	7.4 J	FALSE
MW-12D	9/28/2007	83.1	FALSE
MW-12D	3/27/2008	15.5	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	7	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	7.3	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE

MW-13	9/27/2005	ND<2.5 U	FALSE
MW-13	3/27/2007	ND<12.5 U	FALSE
MW-13	9/28/2007	0.7 J	FALSE
MW-13	3/27/2008	ND<0.1 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13D	9/27/2005	130	FALSE
MW-13D	3/27/2007	30	FALSE
MW-13D	9/28/2007	0.67 J	FALSE
MW-13D	3/27/2008	9.6	FALSE
MW-13D	9/29/2008	5.2	FALSE
MW-13D	3/26/2009	17.3	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-14	3/27/2007	17 J	FALSE
MW-14	9/28/2007	111	FALSE
MW-14	3/27/2008	56.1	FALSE
MW-14	9/30/2008	20.4	FALSE
MW-14	3/26/2009	10.6	FALSE
MW-14	10/2/2009	10	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	10.1	FALSE
MW-14	3/29/2011	11.3	FALSE
MW-14	10/6/2011	9.1	FALSE
MW-14	4/5/2012	10.3	FALSE
MW-14D	3/27/2007	1.4 J	FALSE
MW-14D	9/28/2007	2 J	FALSE
MW-14D	3/27/2008	ND<0.1 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 0.3

50 background measurements exceed 0.3
446 compliance measurements exceed 0.3

p background = 1 = 50 / 50
p compliance = 0.97807 = 446 / 456
p total = 0.980237 = 496 / 506

nPs = 446
mPb = 50
n(1-Ps) = 10
m(1-Pb = 0 < 5.0

Zp = -1.05764 = -0.0219298 / 0.0207347
Z critical = 1.64485 at 95% confidence level

-1.05764 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

Non-Parametric Tolerance Interval

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 36.9565%
Background measurements (n) = 50
Maximum Background Concentration = 200
Minimum Coverage = 94.2%
Average Coverage = 98.0392%

Location	Date	Value	Significant
MW-5	4/13/1998	180	FALSE
MW-5	11/11/1998	97 I	FALSE
MW-5	4/26/1999	27 I	FALSE
MW-5	11/2/1999	20 I	FALSE
MW-5	4/3/2000	ND<12.5 U	FALSE
MW-5	11/6/2000	75	FALSE
MW-5	4/30/2001	ND<5 U	FALSE
MW-5	10/22/2001	13	FALSE
MW-5	4/29/2002	84	FALSE
MW-5	10/28/2002	ND<5 U	FALSE
MW-5	3/24/2003	ND<5 U	FALSE
MW-5	9/29/2003	ND<5 U	FALSE
MW-5	3/30/2004	13	FALSE
MW-5	9/27/2004	21	FALSE
MW-5	4/12/2005	ND<5 U	FALSE
MW-5	9/26/2005	11	FALSE
MW-5	3/27/2007	7.7 J	FALSE
MW-5	9/27/2007	12.4	FALSE
MW-5	3/26/2008	ND<0.2 U	FALSE
MW-5	9/30/2008	12	FALSE
MW-5	3/26/2009	15.1	FALSE
MW-5	10/2/2009	14.3	FALSE
MW-5	4/2/2010	ND<5 U	FALSE
MW-5	10/6/2010	ND<5 U	FALSE
MW-5	3/25/2011	ND<5 U	FALSE
MW-5	10/5/2011	ND<5 U	FALSE
MW-5	4/5/2012	11.1	FALSE
MW-5D	4/13/1998	30 I	FALSE
MW-5D	11/11/1998	96 I	FALSE
MW-5D	4/26/1999	49 I	FALSE
MW-5D	11/2/1999	70 I	FALSE
MW-5D	4/3/2000	47 I	FALSE
MW-5D	11/6/2000	28	FALSE
MW-5D	4/30/2001	ND<5 U	FALSE
MW-5D	10/22/2001	33	FALSE
MW-5D	4/29/2002	52	FALSE
MW-5D	10/28/2002	11	FALSE
MW-5D	3/24/2003	11	FALSE
MW-5D	9/29/2003	ND<5 U	FALSE
MW-5D	3/29/2004	ND<5 U	FALSE
MW-5D	9/27/2004	79	FALSE
MW-5D	4/12/2005	32	FALSE

MW-5D	9/26/2005	17	FALSE
MW-5D	3/27/2007	15	FALSE
MW-5D	9/27/2007	20.7	FALSE
MW-5D	3/26/2008	22.4	FALSE
MW-5D	9/30/2008	ND<5 U	FALSE
MW-5D	3/26/2009	17.2	FALSE
MW-5D	10/2/2009	10.3	FALSE
MW-5D	4/2/2010	ND<5 U	FALSE
MW-5D	10/6/2010	ND<5 U	FALSE
MW-5D	3/25/2011	17.4	FALSE
MW-5D	10/5/2011	13.7	FALSE
MW-5D	4/5/2012	18.7	FALSE
MW-6	4/13/1998	79	FALSE
MW-6	11/11/1998	63 I	FALSE
MW-6	4/26/1999	55 I	FALSE
MW-6	11/2/1999	50 I	FALSE
MW-6	4/3/2000	34 I	FALSE
MW-6	11/6/2000	73	FALSE
MW-6	4/30/2001	27	FALSE
MW-6	**10/22/2001**	**440**	**TRUE**
MW-6	**4/29/2002**	**260**	**TRUE**
MW-6	10/28/2002	ND<5 U	FALSE
MW-6	3/25/2003	ND<5 U	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	3/30/2004	ND<5 U	FALSE
MW-6	9/27/2004	57	FALSE
MW-6	**4/12/2005**	**320**	**TRUE**
MW-6	9/26/2005	21	FALSE
MW-6	3/27/2007	4.2 J	FALSE
MW-6	9/27/2007	17.1	FALSE
MW-6	3/26/2008	42.9	FALSE
MW-6	9/30/2008	ND<5 U	FALSE
MW-6	3/26/2009	15	FALSE
MW-6	10/2/2009	ND<5 U	FALSE
MW-6	4/2/2010	27.8	FALSE
MW-6	10/6/2010	ND<5 U	FALSE
MW-6	3/25/2011	23	FALSE
MW-6	10/5/2011	ND<5 U	FALSE
MW-6	4/4/2012	ND<5 U	FALSE
MW-7	4/13/1998	90	FALSE
MW-7	11/11/1998	95 I	FALSE
MW-7	4/26/1999	ND<12.5 U	FALSE
MW-7	11/2/1999	40 I	FALSE
MW-7	4/3/2000	ND<12.5 U	FALSE
MW-7	11/6/2000	66	FALSE
MW-7	4/30/2001	42	FALSE
MW-7	**10/22/2001**	**430**	**TRUE**
MW-7	**4/29/2002**	**240**	**TRUE**
MW-7	10/28/2002	47	FALSE
MW-7	3/25/2003	14	FALSE
MW-7	9/29/2003	99	FALSE
MW-7	3/30/2004	ND<5 U	FALSE
MW-7	9/27/2004	23	FALSE

MW-7	**4/12/2005**	**320**	**TRUE**
MW-7	9/26/2005	54	FALSE
MW-7	3/27/2007	37	FALSE
MW-7	9/27/2007	26.5	FALSE
MW-7	3/26/2008	15.6	FALSE
MW-7	9/26/2008	13.3	FALSE
MW-7	3/26/2009	14.4	FALSE
MW-7	10/1/2009	16.5	FALSE
MW-7	4/2/2010	ND<5 U	FALSE
MW-7	10/6/2010	ND<5 U	FALSE
MW-7	3/25/2011	ND<5 U	FALSE
MW-7	10/5/2011	15.9	FALSE
MW-7	4/4/2012	ND<5 U	FALSE

MW-3	**4/14/1998**	**380**	**TRUE**
MW-3	**11/9/1998**	**315**	**TRUE**
MW-3	4/27/1999	88 I	FALSE
MW-3	11/1/1999	60 I	FALSE
MW-3	4/3/2000	ND<12.5 U	FALSE
MW-3	11/6/2000	55	FALSE
MW-3	4/30/2001	30	FALSE
MW-3	10/22/2001	67	FALSE
MW-3	4/29/2002	87	FALSE
MW-3	10/28/2002	38	FALSE
MW-3	3/24/2003	43	FALSE
MW-3	9/29/2003	89	FALSE
MW-3	3/30/2004	32	FALSE
MW-3	9/27/2004	38	FALSE
MW-3	**4/11/2005**	**280**	**TRUE**
MW-3	9/26/2005	150	FALSE
MW-3	3/27/2007	21	FALSE
MW-3	9/28/2007	22.2	FALSE
MW-3	3/26/2008	52.2	FALSE
MW-3	9/30/2008	ND<5 U	FALSE
MW-3	3/26/2009	53.9	FALSE
MW-3	10/1/2009	13.6	FALSE
MW-3	4/2/2010	13.4	FALSE
MW-3	10/6/2010	13.4	FALSE
MW-3	3/25/2011	11.4	FALSE
MW-3	10/5/2011	ND<5 U	FALSE
MW-3	4/4/2012	17.3	FALSE

MW-2	4/15/1998	190	FALSE
MW-2	11/11/1998	145	FALSE
MW-2	4/27/1999	31 I	FALSE
MW-2	11/2/1999	70 I	FALSE
MW-2	4/4/2000	61 I	FALSE
MW-2	11/6/2000	25	FALSE
MW-2	4/30/2001	22	FALSE
MW-2	**10/22/2001**	**230**	**TRUE**
MW-2	**4/29/2002**	**360**	**TRUE**
MW-2	10/28/2002	ND<5 U	FALSE
MW-2	3/24/2003	23	FALSE
MW-2	9/29/2003	120	FALSE
MW-2	3/29/2004	78	FALSE

MW-2	**9/27/2004**	**260**	**TRUE**
MW-2	**4/11/2005**	**330**	**TRUE**
MW-2	9/26/2005	190	FALSE
MW-2	3/27/2007	9 J	FALSE
MW-2	**9/28/2007**	**311**	**TRUE**
MW-2	3/26/2008	ND<0.2 U	FALSE
MW-2	9/29/2008	33.1	FALSE
MW-2	3/26/2009	152	FALSE
MW-2	**10/1/2009**	**316**	**TRUE**
MW-2	4/6/2010	ND<5 U	FALSE
MW-2	10/8/2010	ND<5 U	FALSE
MW-2	3/25/2011	13.4	FALSE
MW-2	10/5/2011	23.5	FALSE
MW-2	4/4/2012	ND<5 U	FALSE

MW-2D	4/15/1998	180	FALSE
MW-2D	11/11/1998	28 I	FALSE
MW-2D	4/27/1999	29 I	FALSE
MW-2D	11/2/1999	20 I	FALSE
MW-2D	4/4/2000	ND<12.5 U	FALSE
MW-2D	11/6/2000	14	FALSE
MW-2D	4/30/2001	37	FALSE
MW-2D	10/22/2001	ND<5 U	FALSE
MW-2D	4/29/2002	33	FALSE
MW-2D	10/28/2002	18	FALSE
MW-2D	3/24/2003	ND<5 U	FALSE
MW-2D	9/29/2003	24	FALSE
MW-2D	3/29/2004	18	FALSE
MW-2D	9/27/2004	16	FALSE
MW-2D	4/11/2005	ND<5 U	FALSE
MW-2D	9/26/2005	ND<5 U	FALSE
MW-2D	3/27/2007	6.6 J	FALSE
MW-2D	9/28/2007	5.6 J	FALSE
MW-2D	3/26/2008	ND<0.2 U	FALSE
MW-2D	9/29/2008	ND<5 U	FALSE
MW-2D	3/26/2009	ND<5 U	FALSE
MW-2D	10/1/2009	16.1	FALSE
MW-2D	4/6/2010	ND<5 U	FALSE
MW-2D	10/8/2010	ND<5 U	FALSE
MW-2D	3/25/2011	ND<5 U	FALSE
MW-2D	10/5/2011	16.8	FALSE
MW-2D	4/4/2012	ND<5 U	FALSE

MW-4	**4/15/1998**	**210**	**TRUE**
MW-4	11/9/1998	46 I	FALSE
MW-4	4/26/1999	42 I	FALSE
MW-4	11/1/1999	ND<12.5 U	FALSE
MW-4	4/4/2000	42 I	FALSE
MW-4	11/6/2000	ND<5 U	FALSE
MW-4	4/30/2001	ND<5 U	FALSE
MW-4	10/22/2001	27	FALSE
MW-4	4/29/2002	19	FALSE
MW-4	10/28/2002	10	FALSE
MW-4	3/24/2003	30	FALSE
MW-4	9/30/2003	ND<5 U	FALSE

MW-4	3/29/2004	27	FALSE
MW-4	9/27/2004	22	FALSE
MW-4	4/11/2005	79	FALSE
MW-4	9/26/2005	24	FALSE
MW-4	3/27/2007	5.4 J	FALSE
MW-4	9/28/2007	12.2	FALSE
MW-4	3/26/2008	ND<0.2 U	FALSE
MW-4	9/29/2008	ND<5 U	FALSE
MW-4	3/26/2009	ND<5 U	FALSE
MW-4	10/2/2009	ND<5 U	FALSE
MW-4	4/6/2010	ND<5 U	FALSE
MW-4	10/7/2010	ND<5 U	FALSE
MW-4	3/29/2011	ND<5 U	FALSE
MW-4	10/5/2011	ND<5 U	FALSE
MW-4	4/5/2012	ND<5 U	FALSE
MW-4D	4/15/1998	110	FALSE
MW-4D	11/9/1998	38 I	FALSE
MW-4D	4/26/1999	140	FALSE
MW-4D	11/1/1999	80 I	FALSE
MW-4D	4/4/2000	ND<12.5 U	FALSE
MW-4D	11/6/2000	18	FALSE
MW-4D	4/30/2001	21	FALSE
MW-4D	10/22/2001	92	FALSE
MW-4D	4/29/2002	20	FALSE
MW-4D	10/28/2002	ND<5 U	FALSE
MW-4D	3/24/2003	ND<5 U	FALSE
MW-4D	9/29/2003	12	FALSE
MW-4D	3/29/2004	14	FALSE
MW-4D	9/27/2004	ND<5 U	FALSE
MW-4D	4/11/2005	18	FALSE
MW-4D	9/26/2005	28	FALSE
MW-4D	3/27/2007	5.3 J	FALSE
MW-4D	9/28/2007	37.9	FALSE
MW-4D	3/26/2008	ND<0.2 U	FALSE
MW-4D	9/29/2008	ND<5 U	FALSE
MW-4D	3/26/2009	10.4	FALSE
MW-4D	10/2/2009	11.9	FALSE
MW-4D	4/6/2010	ND<5 U	FALSE
MW-4D	10/7/2010	ND<5 U	FALSE
MW-4D	3/29/2011	10.8	FALSE
MW-4D	10/5/2011	ND<5 U	FALSE
MW-4D	4/5/2012	ND<5 U	FALSE
MW-8	4/17/1998	40 I	FALSE
MW-8	11/10/1998	84 I	FALSE
MW-8	4/26/1999	45 I	FALSE
MW-8	11/1/1999	40 I	FALSE
MW-8	4/3/2000	ND<12.5 U	FALSE
MW-8	11/7/2000	20	FALSE
MW-8	4/30/2001	39	FALSE
MW-8	10/22/2001	200	FALSE
MW-8	1/14/2002	21	FALSE
MW-8	4/29/2002	75	FALSE
MW-8	10/28/2002	ND<5 U	FALSE

MW-8	3/25/2003	ND<5 U	FALSE
MW-8	9/30/2003	ND<5 U	FALSE
MW-8	3/30/2004	14	FALSE
MW-8	9/27/2004	12	FALSE
MW-8	4/12/2005	21	FALSE
MW-8	9/27/2005	ND<5 U	FALSE
MW-8	3/27/2007	7.8 J	FALSE
MW-8	9/28/2007	10.7	FALSE
MW-8	3/27/2008	12.8	FALSE
MW-8	9/29/2008	ND<5 U	FALSE
MW-8	3/25/2009	19.5	FALSE
MW-8	10/5/2009	ND<5 U	FALSE
MW-8	4/6/2010	11.2	FALSE
MW-8	10/8/2010	ND<5 U	FALSE
MW-8	3/29/2011	13.4	FALSE
MW-8	10/6/2011	11	FALSE
MW-8	4/6/2012	18.3	FALSE

MW-8D	4/17/1998	60 I	FALSE
MW-8D	**11/10/1998**	**248**	**TRUE**
MW-8D	4/26/1999	102 I	FALSE
MW-8D	11/1/1999	30 I	FALSE
MW-8D	4/3/2000	42 I	FALSE
MW-8D	11/7/2000	19	FALSE
MW-8D	4/30/2001	ND<5 U	FALSE
MW-8D	10/22/2001	69	FALSE
MW-8D	4/29/2002	34	FALSE
MW-8D	10/28/2002	32	FALSE
MW-8D	3/25/2003	30	FALSE
MW-8D	9/30/2003	ND<5 U	FALSE
MW-8D	3/30/2004	ND<5 U	FALSE
MW-8D	9/27/2004	ND<5 U	FALSE
MW-8D	4/12/2005	11	FALSE
MW-8D	9/27/2005	18	FALSE
MW-8D	3/27/2007	27	FALSE
MW-8D	9/28/2007	32.3	FALSE
MW-8D	3/27/2008	ND<0.2 U	FALSE
MW-8D	9/29/2008	ND<5 U	FALSE
MW-8D	3/25/2009	ND<5 U	FALSE
MW-8D	10/5/2009	ND<5 U	FALSE
MW-8D	4/6/2010	ND<5 U	FALSE
MW-8D	10/8/2010	10.3	FALSE
MW-8D	3/29/2011	ND<5 U	FALSE
MW-8D	10/6/2011	10.4	FALSE
MW-8D	4/6/2012	29.8	FALSE

MW-11	4/29/2002	91	FALSE
MW-11	10/29/2002	ND<5 U	FALSE
MW-11	3/25/2003	14	FALSE
MW-11	9/29/2003	11	FALSE
MW-11	3/30/2004	21	FALSE
MW-11	9/27/2004	ND<5 U	FALSE
MW-11	4/12/2005	ND<5 U	FALSE
MW-11	9/26/2005	12	FALSE
MW-11	3/27/2007	8.8 J	FALSE

MW-11	9/27/2007	57.6	FALSE
MW-11	3/27/2008	ND<0.2 U	FALSE
MW-11	9/30/2008	ND<5 U	FALSE
MW-11	3/26/2009	ND<5 U	FALSE
MW-11	10/5/2009	ND<5 U	FALSE
MW-11	4/6/2010	10.2	FALSE
MW-11	10/8/2010	ND<5 U	FALSE
MW-11	3/29/2011	22.6	FALSE
MW-11	10/5/2011	ND<5 U	FALSE
MW-11	4/6/2012	ND<5 U	FALSE
MW-11D	4/29/2002	33	FALSE
MW-11D	10/29/2002	ND<5 U	FALSE
MW-11D	3/25/2003	16	FALSE
MW-11D	9/29/2003	ND<5 U	FALSE
MW-11D	3/30/2004	ND<5 U	FALSE
MW-11D	9/27/2004	24	FALSE
MW-11D	4/12/2005	ND<5 U	FALSE
MW-11D	9/26/2005	12	FALSE
MW-11D	3/27/2007	21	FALSE
MW-11D	9/27/2007	13.2	FALSE
MW-11D	3/27/2008	28	FALSE
MW-11D	9/30/2008	ND<5 U	FALSE
MW-11D	3/26/2009	32.8	FALSE
MW-11D	10/5/2009	ND<5 U	FALSE
MW-11D	4/6/2010	ND<5 U	FALSE
MW-11D	10/8/2010	ND<5 U	FALSE
MW-11D	3/29/2011	ND<5 U	FALSE
MW-11D	10/5/2011	ND<5 U	FALSE
MW-11D	4/6/2012	ND<5 U	FALSE
MW-10	4/30/2002	14	FALSE
MW-10	10/29/2002	56	FALSE
MW-10	3/25/2003	62	FALSE
MW-10	9/30/2003	38	FALSE
MW-10	3/30/2004	21	FALSE
MW-10	9/27/2004	40	FALSE
MW-10	**4/12/2005**	**370**	**TRUE**
MW-10	9/27/2005	140	FALSE
MW-10	3/27/2007	37	FALSE
MW-10	9/27/2007	55	FALSE
MW-10	3/26/2008	25.8	FALSE
MW-10	9/26/2008	31.7	FALSE
MW-10	3/26/2009	17	FALSE
MW-10	10/1/2009	28.5	FALSE
MW-10	4/2/2010	ND<5 U	FALSE
MW-10	10/7/2010	ND<5 U	FALSE
MW-10	3/29/2011	15.3	FALSE
MW-10	10/5/2011	ND<5 U	FALSE
MW-10	4/4/2012	13.5	FALSE
MW-10D	**4/30/2002**	**210**	**TRUE**
MW-10D	10/29/2002	30	FALSE
MW-10D	3/25/2003	40	FALSE

MW-10D	9/30/2003	16	FALSE
MW-10D	3/30/2004	ND<5 U	FALSE
MW-10D	9/27/2004	ND<5 U	FALSE
MW-10D	4/12/2005	20	FALSE
MW-10D	9/27/2005	56	FALSE
MW-10D	3/27/2007	6.9 J	FALSE
MW-10D	9/27/2007	21.9	FALSE
MW-10D	3/26/2008	11.2	FALSE
MW-10D	9/26/2008	ND<5 U	FALSE
MW-10D	3/26/2009	ND<5 U	FALSE
MW-10D	10/1/2009	ND<5 U	FALSE
MW-10D	4/2/2010	ND<5 U	FALSE
MW-10D	10/7/2010	ND<5 U	FALSE
MW-10D	3/29/2011	19.2	FALSE
MW-10D	10/5/2011	ND<5 U	FALSE
MW-10D	4/4/2012	ND<5 U	FALSE
MW-12	10/28/2002	ND<5 U	FALSE
MW-12	3/25/2003	130	FALSE
MW-12	9/30/2003	16	FALSE
MW-12	3/30/2004	ND<5 U	FALSE
MW-12	9/27/2004	26	FALSE
MW-12	4/11/2005	53	FALSE
MW-12	9/27/2005	ND<5 U	FALSE
MW-12	3/27/2007	6.7 J	FALSE
MW-12	9/28/2007	105	FALSE
MW-12	3/27/2008	ND<0.2 U	FALSE
MW-12	9/30/2008	ND<5 U	FALSE
MW-12	3/26/2009	21.7	FALSE
MW-12	10/2/2009	ND<5 U	FALSE
MW-12	4/6/2010	ND<5 U	FALSE
MW-12	10/7/2010	ND<5 U	FALSE
MW-12	3/29/2011	10.1	FALSE
MW-12	10/6/2011	ND<5 U	FALSE
MW-12	4/5/2012	ND<5 U	FALSE
MW-12D	10/28/2002	ND<5 U	FALSE
MW-12D	**3/25/2003**	**320**	**TRUE**
MW-12D	9/30/2003	20	FALSE
MW-12D	3/30/2004	ND<5 U	FALSE
MW-12D	9/27/2004	95	FALSE
MW-12D	4/11/2005	79	FALSE
MW-12D	9/27/2005	12	FALSE
MW-12D	3/27/2007	7.8 J	FALSE
MW-12D	9/28/2007	64.5	FALSE
MW-12D	3/27/2008	10.1	FALSE
MW-12D	9/30/2008	ND<5 U	FALSE
MW-12D	3/26/2009	ND<5 U	FALSE
MW-12D	10/2/2009	12.2	FALSE
MW-12D	4/6/2010	ND<5 U	FALSE
MW-12D	10/7/2010	ND<5 U	FALSE
MW-12D	3/29/2011	23.2	FALSE
MW-12D	10/6/2011	ND<5 U	FALSE
MW-12D	4/5/2012	ND<5 U	FALSE

MW-13	9/27/2005	ND<5 U	FALSE
MW-13	3/27/2007	19	FALSE
MW-13	9/28/2007	24.7	FALSE
MW-13	3/27/2008	23.6	FALSE
MW-13	9/29/2008	ND<5 U	FALSE
MW-13	3/26/2009	ND<5 U	FALSE
MW-13	10/2/2009	ND<5 U	FALSE
MW-13	4/2/2010	ND<5 U	FALSE
MW-13	10/7/2010	ND<5 U	FALSE
MW-13	3/25/2011	ND<5 U	FALSE
MW-13	10/6/2011	ND<5 U	FALSE
MW-13	4/5/2012	ND<5 U	FALSE
MW-13D	9/27/2005	39	FALSE
MW-13D	3/27/2007	26	FALSE
MW-13D	9/28/2007	40.6	FALSE
MW-13D	3/27/2008	16.4	FALSE
MW-13D	9/29/2008	ND<5 U	FALSE
MW-13D	3/26/2009	ND<5 U	FALSE
MW-13D	10/2/2009	ND<5 U	FALSE
MW-13D	4/2/2010	ND<5 U	FALSE
MW-13D	10/7/2010	ND<5 U	FALSE
MW-13D	3/25/2011	ND<5 U	FALSE
MW-13D	10/6/2011	ND<5 U	FALSE
MW-13D	4/5/2012	13	FALSE
MW-14	3/27/2007	16	FALSE
MW-14	9/28/2007	56.1	FALSE
MW-14	3/27/2008	30.3	FALSE
MW-14	9/30/2008	ND<5 U	FALSE
MW-14	3/26/2009	ND<5 U	FALSE
MW-14	10/2/2009	10.7	FALSE
MW-14	4/6/2010	ND<5 U	FALSE
MW-14	10/7/2010	ND<5 U	FALSE
MW-14	3/29/2011	35.4	FALSE
MW-14	10/6/2011	ND<5 U	FALSE
MW-14	4/5/2012	ND<5 U	FALSE
MW-14D	3/27/2007	6.7 J	FALSE
MW-14D	9/28/2007	23.2	FALSE
MW-14D	3/27/2008	ND<0.2 U	FALSE
MW-14D	9/30/2008	ND<5 U	FALSE
MW-14D	3/26/2009	ND<5 U	FALSE
MW-14D	10/2/2009	11.1	FALSE
MW-14D	4/6/2010	ND<5 U	FALSE
MW-14D	10/7/2010	ND<5 U	FALSE
MW-14D	3/29/2011	ND<5 U	FALSE
MW-14D	10/6/2011	ND<5 U	FALSE
MW-14D	4/5/2012	ND<5 U	FALSE

Two-Sample Test of Proportions

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 50
Compliance measurements = 456
Comparison Level = 1000

0 background measurements exceed 1000
0 compliance measurements exceed 1000

p background = 0 = 0 / 50
p compliance = 0 = 0 / 456
p total = 0 = 0 / 506

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 456
m(1-Pb = 50

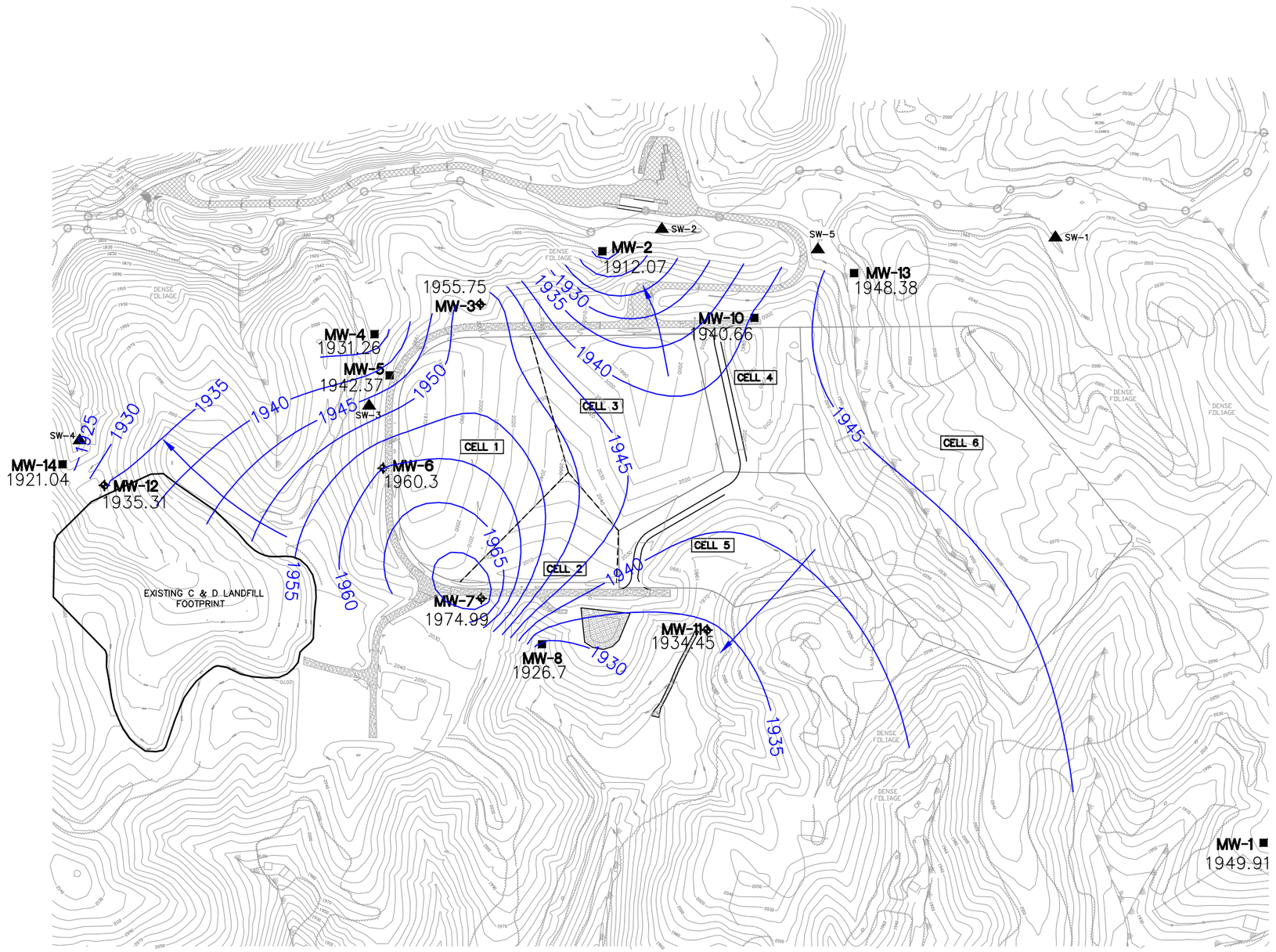
Divide by zero error.

Table 1. April 2012 Groundwater Velocity Calcuations, New Buncombe County Landfill, Buncombe County, North Carolina.

MW-ID	Hydraulic Conductivity (feet/day)	Change in head (dh) (feet)	Distance between wells (dl)(feet)	Hydraulic Gradient (dh/dl) (feet)	Porosity (n_e)	Velocity (feet/day) (V)	Comments
MW-1	0.117	5	569	0.01	0.05	0.02	Between 1940.0 and 1945.0 contour
MW-2	5.67	10	109	0.09	0.05	10.40	Between 1915.0 and 1925.0 contour
MW-3	1.84	10	155	0.06	0.05	2.37	Between 1940.0 and 1950.0 contour
MW-4	1.42	15	235	0.06	0.05	1.81	Between 1935.0 and 1950.0 contour
MW-5	2.75	5	75	0.07	0.05	3.67	Between 1940.0 and 1945.0 contour
MW-6	0.414	10	177	0.06	0.05	0.47	Between 1950.0 and 1960.0 contour
MW-7	0.201	40	243	0.16	0.05	0.66	Between 1930.0 and 1970.0 contour
MW-8	0.0358	40	243	0.16	0.05	0.12	Between 1930.0 and 1970.0 contour
MW-10	0.07	10	239	0.04	0.05	0.06	Between 1930.0 and 1940.0 contour
MW-11	0.915	5	366	0.01	0.05	0.25	Between 1935.0 and 1940.0 contour
MW-12	0.33	10	137	0.07	0.05	0.48	Between 1925.0 and 1935.0 contour
MW-13	0.77	5	153	0.03	0.3	0.08	Between 1940.0 and 1945.0 contour
MW-14	0.33	10	137	0.07	0.05	0.48	Between 1925.0 and 1935.0 contour
MW-1D	0.0327	2	396	0.01	0.05	0.003	Between 1946.0 and 1948.0 contour
MW-2D	0.159	4	94	0.04	0.05	0.14	Between 1914.0 and 1918.0 contour
MW-4D	0.833	4	77	0.05	0.05	0.87	Between 1932.0 and 1936.0 contour
MW-5D	0.329	4	78	0.05	0.05	0.34	Between 1934.0 and 1938.0 contour
MW-8D	3.35	5.2	582	0.01	0.05	0.60	Between MW-8D to MW-11D
MW-10D	0.176	4	100	0.04	0.05	0.14	Between 1936.0 and 1940.0 contour
MW-11D	1.35	5.2	582	0.01	0.05	0.24	Between MW-8D to MW-11D
MW-12D					0.05		
MW-13D	0.28	2	82	0.02	0.05	0.14	Between 1944.0 and 1946.0 contour
MW-14D	0.04	13.91	150	0.09	0.05	0.07	Between MW-12D and MW-14D

Notes:

1. dh calculations used nearest monitoring well water level data or a representative contour elevation values from Figures 1 (shallow) and 2 (deep) lying closest to the monitoring well for which groundwater velocity is listed.
2. Velocity calculation based on mondified Darcy equation.



MW-1	MONITORING WELL
MW-2 MW-2D	MONITORING WELL CLUSTER
M-1	METHANE GAS WELL
1911.44	WATER LEVEL ELEVATION (FT. AMSL)
1950.0	WATER LEVEL CONTOUR (FT. AMSL) (DASHED WHERE INFERRED)
→	GROUNDWATER FLOW DIRECTION

REV	DATE	DESCRIPTION	BY

CERTIFICATE NO.

DRAWING TITLE
GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP

PROJECT TITLE
APRIL 2012
NEW BUNCOMBE COUNTY LANDFILL
SHALLOW MONITORING WELLS

CLIENT
BUNCOMBE COUNTY
NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
PH (813) 621-0080 FAX NO. (813) 622-4757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

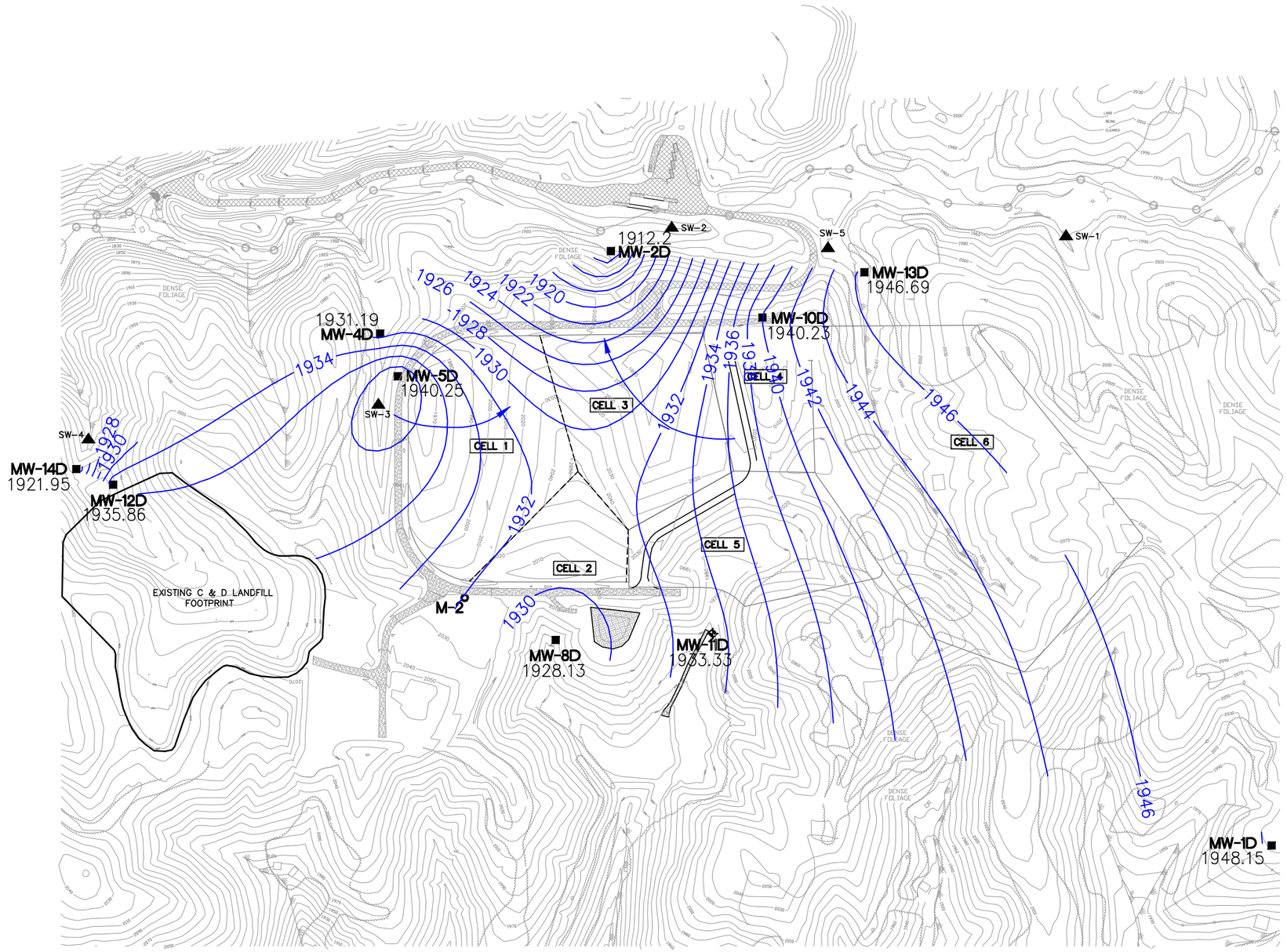
PROJ. NO. 09204072.05 | DWN. BY: AEL | Q/A RVW BY: KEG
DSN. BY: PBS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: JANUARY 2012

SCALE: AS SHOWN

DRAWING NO.
1 of 1



LEGEND

MW-1	MONITORING WELL
MW-2 MW-2D	MONITORING WELL CLUSTER
M-1	METHANE GAS WELL
1948.45	WATER LEVEL ELEVATION (FT. AMSL)
1926	WATER LEVEL CONTOUR (FT. AMSL) (DASHED WHERE INFERRED)
	GROUNDWATER FLOW DIRECTION

REV	DATE	DESCRIPTION	BY

CERTIFICATE NO.

DRAWING TITLE
GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP

PROJECT TITLE
APRIL 2012
NEW BUNCOMBE COUNTY LANDFILL DEEP MONITORING WELLS

CLIENT
BUNCOMBE COUNTY NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
PH (813) 621-0080 FAX NO. (813) 623-6757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

PROJ. NO. 09204072.05 | DWN. BY: AEL | Q/A RVW BY: KEG
DSN. BY: PBS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: JANUARY 2012

SCALE: AS SHOWN

DRAWING NO.
1 of 1

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

April 19, 2012

Mr. Ed Hilton
SCS Engineers
4041 Park Oaks Blvd.
Suite 100
Tampa, FL 33610

RE: Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between April 04, 2012 and April 05, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tom Williams

tom.williams@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92115810001	**MW-1**	EPA 6010	JMW	2	PASI-A
		EPA 7470	DMB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92115810002	**MW-1D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	DMB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92115810003	**MW-12**	EPA 6010	JDA	2	PASI-A
		EPA 7470	DMB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92115810004	**MW-12D**	EPA 6010	JDA	2	PASI-A
		EPA 7470	DMB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92115810005	**MW-14**	EPA 6010	JDA	2	PASI-A
		EPA 7470	DMB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92115810006	**MW-14D**	EPA 6010	SHB	2	PASI-A
		EPA 7470	DMB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	LMD	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Sample: MW-1 **Lab ID: 92115810001** Collected: 04/04/12 12:00 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/16/12 15:40		
Collected Date	**04/04/12**			1		04/16/12 15:40		
Collected Time	**12:00**			1		04/16/12 15:40		
Field pH	**6.5**	Std. Units	0.10	1		04/16/12 15:40		
Field Temperature	**15.1**	deg C	0.50	1		04/16/12 15:40		
Static Water Level	**71.31**	feet		1		04/16/12 15:40		
Field Specific Conductance	**169**	umhos/cm	1.0	1		04/16/12 15:40		
Oxygen, Dissolved	**7.09**	mg/L		1		04/16/12 15:40	7782-44-7	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**1600**	ug/L	50.0	1	04/11/12 11:15	04/13/12 04:56	7439-89-6	
Manganese	**17.7**	ug/L	5.0	1	04/11/12 11:15	04/13/12 04:56	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/17/12 09:45	04/18/12 13:19	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**39.3**	mg/L	5.0	1		04/12/12 14:50		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**110**	mg/L	25.0	1		04/09/12 10:11		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**15.4**	mg/L	5.0	1		04/13/12 13:30	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		04/13/12 14:38	16887-00-6	

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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ANALYTICAL RESULTS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Sample: MW-1D **Lab ID: 92115810002** Collected: 04/04/12 12:10 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/16/12 16:12		
Collected Date	**04/04/12**			1		04/16/12 16:12		
Collected Time	**12:10**			1		04/16/12 16:12		
Field pH	**709**	Std. Units	0.10	1		04/16/12 16:12		
Field Temperature	**15.6**	deg C	0.50	1		04/16/12 16:12		
Static Water Level	**73.42**	feet		1		04/16/12 16:12		
Field Specific Conductance	**243**	umhos/cm	1.0	1		04/16/12 16:12		
Oxygen, Dissolved	**6.57**	mg/L		1		04/16/12 16:12	7782-44-7	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**858**	ug/L	50.0	1	04/11/12 11:15	04/13/12 05:00	7439-89-6	
Manganese	**9.8**	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:00	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/17/12 09:45	04/18/12 13:22	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**86.8**	mg/L	5.0	1		04/12/12 14:50		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**302**	mg/L	25.0	1		04/09/12 10:16		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**40.0**	mg/L	5.0	1		04/13/12 14:11	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		04/13/12 14:39	16887-00-6	

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Sample: MW-12 **Lab ID: 92115810003** Collected: 04/05/12 15:20 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/16/12 16:13		
Collected Date	**04/05/12**			1		04/16/12 16:13		
Collected Time	**15:20**			1		04/16/12 16:13		
Field pH	**6.0**	Std. Units	0.10	1		04/16/12 16:13		
Field Temperature	**13.2**	deg C	0.50	1		04/16/12 16:13		
Static Water Level	**12.08**	feet		1		04/16/12 16:13		
Field Specific Conductance	**564**	umhos/cm	1.0	1		04/16/12 16:13		
Oxygen, Dissolved	**3.90**	mg/L		1		04/16/12 16:13	7782-44-7	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**477**	ug/L	50.0	1	04/12/12 11:10	04/14/12 01:40	7439-89-6	
Manganese	**61.5**	ug/L	5.0	1	04/12/12 11:10	04/14/12 01:40	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/17/12 09:45	04/18/12 14:27	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**129**	mg/L	5.0	1		04/18/12 12:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**343**	mg/L	25.0	1		04/11/12 01:50		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**88.3**	mg/L	25.0	5		04/16/12 08:35	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**15.3**	mg/L	5.0	1		04/16/12 13:24	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Sample: MW-12D **Lab ID: 92115810004** Collected: 04/05/12 15:35 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/16/12 16:14		
Collected Date	**04/05/12**			1		04/16/12 16:14		
Collected Time	**15:35**			1		04/16/12 16:14		
Field pH	**6.6**	Std. Units	0.10	1		04/16/12 16:14		
Field Temperature	**13.2**	deg C	0.50	1		04/16/12 16:14		
Static Water Level	**11.24**	feet		1		04/16/12 16:14		
Field Specific Conductance	**326**	umhos/cm	1.0	1		04/16/12 16:14		
Oxygen, Dissolved	**3.11**	mg/L		1		04/16/12 16:14	7782-44-7	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**657**	ug/L	50.0	1	04/12/12 11:10	04/14/12 01:44	7439-89-6	
Manganese	**13.6**	ug/L	5.0	1	04/12/12 11:10	04/14/12 01:44	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/17/12 09:45	04/18/12 14:30	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**125**	mg/L	5.0	1		04/18/12 12:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**186**	mg/L	25.0	1		04/11/12 01:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**25.3**	mg/L	5.0	1		04/13/12 17:21	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**7.8**	mg/L	5.0	1		04/16/12 13:25	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Sample: MW-14 **Lab ID: 92115810005** Collected: 04/05/12 15:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/16/12 16:15		
Collected Date	**4/5/12**			1		04/16/12 16:15		
Collected Time	**15:00**			1		04/16/12 16:15		
Field pH	**6.1**	Std. Units	0.10	1		04/16/12 16:15		
Field Temperature	**14.8**	deg C	0.50	1		04/16/12 16:15		
Static Water Level	**31.73**	feet		1		04/16/12 16:15		
Field Specific Conductance	**212**	umhos/cm	1.0	1		04/16/12 16:15		
Oxygen, Dissolved	**5.56**	mg/L		1		04/16/12 16:15	7782-44-7	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**3010**	ug/L	50.0	1	04/12/12 11:10	04/14/12 01:47	7439-89-6	
Manganese	**19.8**	ug/L	5.0	1	04/12/12 11:10	04/14/12 01:47	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/17/12 09:45	04/18/12 14:33	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**63.5**	mg/L	5.0	1		04/18/12 12:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**167**	mg/L	25.0	1		04/11/12 01:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**26.1**	mg/L	5.0	1		04/17/12 11:52	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		04/16/12 13:25	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Sample: MW-14D **Lab ID: 92115810006** Collected: 04/05/12 15:10 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/16/12 16:15		
Collected Date	**04/05/12**			1		04/16/12 16:15		
Collected Time	**15:10**			1		04/16/12 16:15		
Field pH	**6.9**	Std. Units	0.10	1		04/16/12 16:15		
Field Temperature	**13.8**	deg C	0.50	1		04/16/12 16:15		
Static Water Level	**31.81**	feet		1		04/16/12 16:15		
Field Specific Conductance	**281**	umhos/cm	1.0	1		04/16/12 16:15		
Oxygen, Dissolved	**8.71**	mg/L		1		04/16/12 16:15	7782-44-7	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	50.0	1	04/13/12 12:20	04/17/12 16:02	7439-89-6	
Manganese	ND	ug/L	5.0	1	04/13/12 12:20	04/16/12 21:56	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/17/12 09:45	04/18/12 14:35	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**119**	mg/L	5.0	1		04/18/12 12:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**162**	mg/L	25.0	1		04/11/12 01:52		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**13.8**	mg/L	5.0	1		04/17/12 12:33	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		04/16/12 13:26	16887-00-6	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: MERP/4175 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92115810001, 92115810002, 92115810003, 92115810004, 92115810005, 92115810006

METHOD BLANK: 750523 Matrix: Water
Associated Lab Samples: 92115810001, 92115810002, 92115810003, 92115810004, 92115810005, 92115810006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/18/12 13:14	

LABORATORY CONTROL SAMPLE: 750524

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.2	90	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 750525 750526

Parameter	Units	92115895003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	1.8	1.9	70	74	75-125	4	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 750527 750528

Parameter	Units	92115955001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	ND	2.5	2.5	2.3	2.3	90	91	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: MPRP/10345
Analysis Method: EPA 6010
QC Batch Method: EPA 3010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115810001, 92115810002

METHOD BLANK: 748338
Matrix: Water
Associated Lab Samples: 92115810001, 92115810002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	04/13/12 04:06	
Manganese	ug/L	ND	5.0	04/13/12 04:06	

LABORATORY CONTROL SAMPLE: 748339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4940	99	80-120	
Manganese	ug/L	500	493	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748340 748341

Parameter	Units	92115725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	5180	5000	5000	9090	8910	78	75	75-125	2	
Manganese	ug/L	9610	500	500	9800	9900	37	57	75-125	1	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748342 748343

Parameter	Units	92115895003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	1140	5000	5000	5970	5980	96	97	75-125	0	
Manganese	ug/L	490	500	500	969	961	96	94	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: MPRP/10352 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115810003, 92115810004, 92115810005

METHOD BLANK: 748934 | Matrix: Water
Associated Lab Samples: 92115810003, 92115810004, 92115810005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	04/14/12 00:13	
Manganese	ug/L	ND	5.0	04/14/12 00:13	

LABORATORY CONTROL SAMPLE: 748935

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4970	99	80-120	
Manganese	ug/L	500	491	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748936 748937

Parameter	Units	92115727004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	ND	5000	5000	4860	4960	96	98	75-125	2	
Manganese	ug/L	25.5J	500	500	501	511	95	97	75-125	2	

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(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: MPRP/10365
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115810006

METHOD BLANK: 749878
Matrix: Water
Associated Lab Samples: 92115810006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	04/16/12 21:50	
Manganese	ug/L	ND	5.0	04/16/12 21:50	

LABORATORY CONTROL SAMPLE: 749879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5510	110	80-120	
Manganese	ug/L	500	533	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749880 749881

Parameter	Units	92115909002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	52.6	5000	5000	4980	4970	99	98	75-125	0	
Manganese	ug/L	ND	500	500	484	484	96	96	75-125	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749882 749883

Parameter	Units	92115955001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	243	5000	5000	5080	5120	97	98	75-125	1	
Manganese	ug/L	63.2	500	500	535	539	94	95	75-125	1	

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(336)623-8921

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WET/20435 | Analysis Method: SM 2320B
QC Batch Method: SM 2320B | Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92115810001, 92115810002

METHOD BLANK: 749519 | Matrix: Water
Associated Lab Samples: 92115810001, 92115810002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	04/12/12 14:50	

LABORATORY CONTROL SAMPLE: 749520

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.1	98	90-110	

SAMPLE DUPLICATE: 749521

Parameter	Units	92116106001 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	45.4	45.4	0	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WET/20504 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92115810003, 92115810004, 92115810005, 92115810006

METHOD BLANK: 751514 Matrix: Water
Associated Lab Samples: 92115810003, 92115810004, 92115810005, 92115810006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	04/18/12 12:55	

LABORATORY CONTROL SAMPLE: 751515

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.5	99	90-110	

SAMPLE DUPLICATE: 751516

Parameter	Units	92115810003 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	129	131	2	

SAMPLE DUPLICATE: 751517

Parameter	Units	92116352001 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	27.1	26.0	4	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WET/20383 | Analysis Method: SM 2540C
QC Batch Method: SM 2540C | Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92115810001, 92115810002

METHOD BLANK: 747782 | Matrix: Water
Associated Lab Samples: 92115810001, 92115810002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	04/09/12 10:05	

LABORATORY CONTROL SAMPLE: 747783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	256	102	80-120	

SAMPLE DUPLICATE: 747784

Parameter	Units	92115798001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	396	381	4	

SAMPLE DUPLICATE: 747785

Parameter	Units	92115908001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	107	111	4	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WET/20402 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92115810003, 92115810004, 92115810005, 92115810006

METHOD BLANK: 748586 Matrix: Water
Associated Lab Samples: 92115810003, 92115810004, 92115810005, 92115810006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	04/11/12 01:50	

LABORATORY CONTROL SAMPLE: 748587

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	236	94	80-120	

SAMPLE DUPLICATE: 748588

Parameter	Units	92115810003 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	343	324	6	

SAMPLE DUPLICATE: 748589

Parameter	Units	92116099001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	9500	8280	14	D6

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WETA/11912 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92115810001, 92115810002, 92115810003, 92115810004

METHOD BLANK: 748221 Matrix: Water
Associated Lab Samples: 92115810001, 92115810002, 92115810003, 92115810004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	04/13/12 11:28	

LABORATORY CONTROL SAMPLE: 748222

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.9	100	90-110	

MATRIX SPIKE SAMPLE: 748223

Parameter	Units	92115798001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	131	20	179	240	90-110	M6

MATRIX SPIKE SAMPLE: 748225

Parameter	Units	92115908004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	10.9	20	30.6	98	90-110	

SAMPLE DUPLICATE: 748224

Parameter	Units	92115798001 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	131	131	0	

SAMPLE DUPLICATE: 748226

Parameter	Units	92115908004 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	10.9	11.1	2	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WETA/11945 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92115810005, 92115810006

METHOD BLANK: 750475 | Matrix: Water
Associated Lab Samples: 92115810005, 92115810006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	04/17/12 11:25	

LABORATORY CONTROL SAMPLE: 750476

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.6	98	90-110	

MATRIX SPIKE SAMPLE: 750477

Parameter	Units	92115810005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	26.1	20	44.8	93	90-110	

MATRIX SPIKE SAMPLE: 750479

Parameter	Units	92115953003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	37.2	20	59.7	112	90-110	M1

SAMPLE DUPLICATE: 750478

Parameter	Units	92115810005 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	26.1	26.2	0	

SAMPLE DUPLICATE: 750480

Parameter	Units	92115953003 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	37.2	40.5	8	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WETA/11932 | Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E | Analysis Description: 4500 Chloride
Associated Lab Samples: 92115810001, 92115810002

METHOD BLANK: 749844 | Matrix: Water
Associated Lab Samples: 92115810001, 92115810002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	04/13/12 13:17	

LABORATORY CONTROL SAMPLE: 749845

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.1	101	90-110	

MATRIX SPIKE SAMPLE: 749846

Parameter	Units	92115798001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	28.5	20	50.6	110	75-125	

SAMPLE DUPLICATE: 749847

Parameter	Units	92115959002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	109	109	1	

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9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

QC Batch: WETA/11942 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 92115810003, 92115810004, 92115810005, 92115810006

METHOD BLANK: 750459 Matrix: Water
Associated Lab Samples: 92115810003, 92115810004, 92115810005, 92115810006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	04/16/12 13:14	

LABORATORY CONTROL SAMPLE: 750460

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.3	101	90-110	

MATRIX SPIKE SAMPLE: 750461

Parameter	Units	92115908001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	14.3	20	34.1	99	75-125	

SAMPLE DUPLICATE: 750462

Parameter	Units	92115908002 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	32.6	32.6	0	

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QUALIFIERS

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. C&D Spring 2012
Pace Project No.: 92115810

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92115810001	**MW-1**		FLD/		
92115810002	**MW-1D**		FLD/		
92115810003	**MW-12**		FLD/		
92115810004	**MW-12D**		FLD/		
92115810005	**MW-14**		FLD/		
92115810006	**MW-14D**		FLD/		
92115810001	**MW-1**	EPA 3010	MPRP/10345	EPA 6010	ICP/9533
92115810002	**MW-1D**	EPA 3010	MPRP/10345	EPA 6010	ICP/9533
92115810003	**MW-12**	EPA 3010	MPRP/10352	EPA 6010	ICP/9539
92115810004	**MW-12D**	EPA 3010	MPRP/10352	EPA 6010	ICP/9539
92115810005	**MW-14**	EPA 3010	MPRP/10352	EPA 6010	ICP/9539
92115810006	**MW-14D**	EPA 3010	MPRP/10365	EPA 6010	ICP/9547
92115810001	**MW-1**	EPA 7470	MERP/4175	EPA 7470	MERC/4098
92115810002	**MW-1D**	EPA 7470	MERP/4175	EPA 7470	MERC/4098
92115810003	**MW-12**	EPA 7470	MERP/4175	EPA 7470	MERC/4098
92115810004	**MW-12D**	EPA 7470	MERP/4175	EPA 7470	MERC/4098
92115810005	**MW-14**	EPA 7470	MERP/4175	EPA 7470	MERC/4098
92115810006	**MW-14D**	EPA 7470	MERP/4175	EPA 7470	MERC/4098
92115810001	**MW-1**	SM 2320B	WET/20435		
92115810002	**MW-1D**	SM 2320B	WET/20435		
92115810003	**MW-12**	SM 2320B	WET/20504		
92115810004	**MW-12D**	SM 2320B	WET/20504		
92115810005	**MW-14**	SM 2320B	WET/20504		
92115810006	**MW-14D**	SM 2320B	WET/20504		
92115810001	**MW-1**	SM 2540C	WET/20383		
92115810002	**MW-1D**	SM 2540C	WET/20383		
92115810003	**MW-12**	SM 2540C	WET/20402		
92115810004	**MW-12D**	SM 2540C	WET/20402		
92115810005	**MW-14**	SM 2540C	WET/20402		
92115810006	**MW-14D**	SM 2540C	WET/20402		
92115810001	**MW-1**	EPA 300.0	WETA/11912		
92115810002	**MW-1D**	EPA 300.0	WETA/11912		
92115810003	**MW-12**	EPA 300.0	WETA/11912		
92115810004	**MW-12D**	EPA 300.0	WETA/11912		
92115810005	**MW-14**	EPA 300.0	WETA/11945		
92115810006	**MW-14D**	EPA 300.0	WETA/11945		
92115810001	**MW-1**	SM 4500-Cl-E	WETA/11932		
92115810002	**MW-1D**	SM 4500-Cl-E	WETA/11932		
92115810003	**MW-12**	SM 4500-Cl-E	WETA/11942		
92115810004	**MW-12D**	SM 4500-Cl-E	WETA/11942		
92115810005	**MW-14**	SM 4500-Cl-E	WETA/11942		
92115810006	**MW-14D**	SM 4500-Cl-E	WETA/11942		

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
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May 04, 2012

Mr. Ed Hilton
SCS Engineers
4041 Park Oaks Blvd.
Suite 100
Tampa, FL 33610

RE: Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between April 03, 2012 and April 06, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Tom Williams

tom.williams@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

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CERTIFICATIONS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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SAMPLE ANALYTE COUNT

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92115613001	**11-07 SW-1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613002	**11-07 SW-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613003	**11-07 SW-3**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613004	**11-07 SW-4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613005	**11-07 SW-5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613006	**11-07 LEACHATE**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613007	**11-07 LD-1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613008	**11-07 LD-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613009	**11-07 LD-3**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613010	**11-07 LD-4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613011	**11-07 LD-5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613012	**11-07 LD-6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613014	**11-07 MW-1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613015	**11-07 MW-1D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613016	**11-07 MW-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613017	**11-07 MW-2D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613018	**11-07 MW-3**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613019	**11-07 MW-6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613020	**11-07 MW-7**	EPA 6010	JMW	15	PASI-A

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	53	PASI-C
92115613021	**11-07 MW-10**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613022	**11-07 MW-10D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613023	**11-07 MW-4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613024	**11-07 MW-4D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613025	**11-07 MW-5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613026	**11-07 MW-5D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613027	**11-07 MW-12**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613028	**11-07 MW-12D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613029	**11-07 MW-13**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613030	**11-07 MW-13D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613031	**11-07 MW-14**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613032	**11-07 MW-14D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613033	**11-07 TRAVEL BLANK**	EPA 8260	MCK	53	PASI-C
92115613034	**11-07 EQUIP BLANK**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613035	**11-07 MW-8**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613036	**11-07 MW-8D**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613037	**11-07 MW-11**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92115613038	**11-07 MW-11D**	EPA 6010	SHB	15	PASI-A
		EPA 8260	MCK	53	PASI-C

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-1 **Lab ID: 92115613001** Collected: 04/02/12 13:50 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:00		
Collected Date	**4/3/12**			1		04/17/12 18:00		
Collected Time	**13:50**			1		04/17/12 18:00		
Field pH	**6.9**	Std. Units	0.10	1		04/17/12 18:00		
Field Temperature	**19.2**	deg C	0.50	1		04/17/12 18:00		
Field Specific Conductance	**137**	umhos/cm	1.0	1		04/17/12 18:00		
Turbidity	**5.02**	NTU	1.0	1		04/17/12 18:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-38-2	
Barium	**109**	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/12/12 14:23	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/12/12 14:23	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/12/12 14:23	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/12/12 14:23	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:23	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/12 12:20	04/12/12 14:23	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 15:32	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 15:32	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 15:32	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 15:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 15:32	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 15:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 15:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 15:32	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 15:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 15:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 15:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 15:32	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 15:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 15:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 15:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 15:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 15:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 15:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 15:32	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 15:32	106-46-7	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-1 **Lab ID: 92115613001** Collected: 04/02/12 13:50 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 15:32	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 15:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 15:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 15:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 15:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 15:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 15:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 15:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 15:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 15:32	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 15:32	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 15:32	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 15:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 15:32	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 15:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 15:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 15:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 15:32	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 15:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 15:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 15:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 15:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 15:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 15:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 15:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 15:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 15:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 15:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 15:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/06/12 15:32	460-00-4	
Dibromofluoromethane (S)	102	%	70-130	1		04/06/12 15:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/06/12 15:32	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/06/12 15:32	2037-26-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-2 **Lab ID: 92115613002** Collected: 04/02/12 14:20 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:01		
Collected Date	**4/3/12**			1		04/17/12 18:01		
Collected Time	**14:20**			1		04/17/12 18:01		
Field pH	**8.4**	Std. Units	0.10	1		04/17/12 18:01		
Field Temperature	**16.6**	deg C	0.50	1		04/17/12 18:01		
Field Specific Conductance	**141**	umhos/cm	1.0	1		04/17/12 18:01		
Turbidity	**8.40**	NTU	1.0	1		04/17/12 18:01		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-38-2	
Barium	**53.5**	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/12/12 14:26	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/12/12 14:26	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/12/12 14:26	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/12/12 14:26	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:26	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/12 12:20	04/12/12 14:26	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 15:48	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 15:48	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 15:48	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 15:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 15:48	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 15:48	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 15:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 15:48	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 15:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 15:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 15:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 15:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 15:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 15:48	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 15:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 15:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 15:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 15:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 15:48	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 15:48	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-2 **Lab ID: 92115613002** Collected: 04/02/12 14:20 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 15:48	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 15:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 15:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 15:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 15:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 15:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 15:48	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 15:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 15:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 15:48	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 15:48	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 15:48	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 15:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 15:48	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 15:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 15:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 15:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 15:48	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 15:48	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 15:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 15:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 15:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 15:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 15:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 15:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 15:48	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 15:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 15:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 15:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/06/12 15:48	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		04/06/12 15:48	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/06/12 15:48	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/06/12 15:48	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-3 **Lab ID: 92115613003** Collected: 04/02/12 15:15 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:02		
Collected Date	**4/3/12**			1		04/17/12 18:02		
Collected Time	**15:15**			1		04/17/12 18:02		
Field pH	**9.2**	Std. Units	0.10	1		04/17/12 18:02		
Field Temperature	**29.6**	deg C	0.50	1		04/17/12 18:02		
Field Specific Conductance	**173**	umhos/cm	1.0	1		04/17/12 18:02		
Turbidity	**7.19**	NTU	1.0	1		04/17/12 18:02		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-38-2	
Barium	**40.4**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:23	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:23	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:23	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/11/12 21:23	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:23	7440-62-2	
Zinc	**10.4**	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:23	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 16:05	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 16:05	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 16:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 16:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 16:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 16:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 16:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 16:05	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 16:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 16:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 16:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 16:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 16:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 16:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 16:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 16:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 16:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 16:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:05	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:05	106-46-7	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-3 **Lab ID: 92115613003** Collected: 04/02/12 15:15 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 16:05	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 16:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 16:05	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 16:05	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 16:05	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 16:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 16:05	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 16:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 16:05	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 16:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 16:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 16:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 16:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 16:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 16:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 16:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 16:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 16:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/06/12 16:05	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/06/12 16:05	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/06/12 16:05	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/06/12 16:05	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-4 **Lab ID: 92115613004** Collected: 04/02/12 16:00 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:03		
Collected Date	**4/3/12**			1		04/17/12 18:03		
Collected Time	**16:00**			1		04/17/12 18:03		
Field pH	**7.8**	Std. Units	0.10	1		04/17/12 18:03		
Field Temperature	**20.5**	deg C	0.50	1		04/17/12 18:03		
Field Oxidation Potential	**266**	mV		1		04/17/12 18:03		
Turbidity	**11.0**	NTU	1.0	1		04/17/12 18:03		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-38-2	
Barium	**95.3**	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/12/12 14:29	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/12/12 14:29	7440-43-9	
Chromium	**7.1**	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-50-8	
Lead	**19.8**	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/12/12 14:29	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/12/12 14:29	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/12/12 14:29	7440-62-2	
Zinc	**24.0**	ug/L	10.0	1	04/10/12 12:20	04/12/12 14:29	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 16:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 16:22	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 16:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 16:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 16:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 16:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 16:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 16:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 16:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 16:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 16:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 16:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 16:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 16:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 16:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 16:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 16:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 16:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:22	106-46-7	

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-4 **Lab ID: 92115613004** Collected: 04/02/12 16:00 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 16:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 16:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 16:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 16:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 16:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 16:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 16:22	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 16:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 16:22	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 16:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 16:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 16:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 16:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 16:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 16:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 16:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 16:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 16:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/06/12 16:22	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		04/06/12 16:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/06/12 16:22	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/06/12 16:22	2037-26-5	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-5 **Lab ID: 92115613005** Collected: 04/02/12 14:55 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:04		
Collected Date	**4/3/12**			1		04/17/12 18:04		
Collected Time	**14:55**			1		04/17/12 18:04		
Field pH	**8.2**	Std. Units	0.10	1		04/17/12 18:04		
Field Temperature	**17.3**	deg C	0.50	1		04/17/12 18:04		
Field Specific Conductance	**663**	umhos/cm	1.0	1		04/17/12 18:04		
Turbidity	**2.2**	NTU	1.0	1		04/17/12 18:04		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-38-2	
Barium	**63.4**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:39	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:39	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:39	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/11/12 21:39	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:39	7440-62-2	
Zinc	**11.9**	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:39	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 16:38	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 16:38	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 16:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 16:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 16:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 16:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 16:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 16:38	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 16:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 16:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 16:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 16:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 16:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 16:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 16:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 16:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 16:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 16:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:38	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:38	106-46-7	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 SW-5 **Lab ID: 92115613005** Collected: 04/02/12 14:55 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 16:38	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 16:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 16:38	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 16:38	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 16:38	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 16:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 16:38	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 16:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 16:38	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 16:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 16:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 16:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 16:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 16:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 16:38	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 16:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 16:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 16:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/06/12 16:38	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		04/06/12 16:38	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/06/12 16:38	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/06/12 16:38	2037-26-5	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LEACHATE **Lab ID: 92115613006** Collected: 04/02/12 16:35 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:05		
Collected Date	**4/3/12**			1		04/17/12 18:05		
Collected Time	**16:35**			1		04/17/12 18:05		
Field pH	**8.4**	Std. Units	0.10	1		04/17/12 18:05		
Field Temperature	**24.2**	deg C	0.50	1		04/17/12 18:05		
Field Specific Conductance	**2992**	umhos/cm	1.0	1		04/17/12 18:05		
Turbidity	**21.9**	NTU	1.0	1		04/17/12 18:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-38-2	
Barium	**78.2**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:42	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:42	7440-43-9	
Chromium	**10.0**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7439-92-1	
Nickel	**36.2**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:42	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/11/12 21:42	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:42	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:42	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**105**	ug/L	25.0	1		04/06/12 16:55	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 16:55	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 16:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 16:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 16:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 16:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 16:55	74-83-9	
2-Butanone (MEK)	**38.3**	ug/L	5.0	1		04/06/12 16:55	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 16:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 16:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 16:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 16:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 16:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 16:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 16:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 16:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 16:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:55	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 16:55	106-46-7	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LEACHATE **Lab ID: 92115613006** Collected: 04/02/12 16:35 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 16:55	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 16:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 16:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 16:55	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 16:55	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 16:55	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 16:55	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 16:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 16:55	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 16:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 16:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 16:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 16:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 16:55	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 16:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 16:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 16:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/06/12 16:55	460-00-4	
Dibromofluoromethane (S)	114	%	70-130	1		04/06/12 16:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/06/12 16:55	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/06/12 16:55	2037-26-5	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-1 **Lab ID: 92115613007** Collected: 04/02/12 15:50 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:06		
Collected Date	**4/3/12**			1		04/17/12 18:06		
Collected Time	**15:30**			1		04/17/12 18:06		
Field pH	**5.1**	Std. Units	0.10	1		04/17/12 18:06		
Field Temperature	**20.3**	deg C	0.50	1		04/17/12 18:06		
Field Specific Conductance	**226**	umhos/cm	1.0	1		04/17/12 18:06		
Turbidity	**5.68**	NTU	1.0	1		04/17/12 18:06		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-38-2	
Barium	**65.3**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:46	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-47-3	
Cobalt	**152**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-48-4	
Copper	**5.8**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7439-92-1	
Nickel	**48.6**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:46	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/11/12 21:46	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:46	7440-62-2	
Zinc	**17.8**	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:46	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 17:11	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 17:11	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 17:11	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 17:11	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 17:11	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 17:11	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 17:11	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 17:11	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 17:11	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 17:11	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 17:11	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 17:11	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 17:11	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 17:11	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 17:11	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 17:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 17:11	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 17:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 17:11	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 17:11	106-46-7	

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(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-1 **Lab ID: 92115613007** Collected: 04/02/12 15:50 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 17:11	110-57-6	
1,1-Dichloroethane	**2.6**	ug/L	1.0	1		04/06/12 17:11	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 17:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:11	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 17:11	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 17:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 17:11	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 17:11	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 17:11	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 17:11	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 17:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 17:11	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 17:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 17:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 17:11	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 17:11	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 17:11	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 17:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 17:11	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 17:11	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 17:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 17:11	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 17:11	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 17:11	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 17:11	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 17:11	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 17:11	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/06/12 17:11	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		04/06/12 17:11	1868-53-7	
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		04/06/12 17:11	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/06/12 17:11	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-2 **Lab ID: 92115613008** Collected: 04/02/12 16:55 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:08		
Collected Date	**4/3/12**			1		04/17/12 18:08		
Collected Time	**16:55**			1		04/17/12 18:08		
Field pH	**5.8**	Std. Units	0.10	1		04/17/12 18:08		
Field Temperature	**17.4**	deg C	0.50	1		04/17/12 18:08		
Field Specific Conductance	**373**	umhos/cm	1.0	1		04/17/12 18:08		
Turbidity	**2.21**	NTU	1.0	1		04/17/12 18:08		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-38-2	
Barium	**72.8**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:49	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:49	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7439-92-1	
Nickel	**5.5**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:49	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/11/12 21:49	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:49	7440-62-2	
Zinc	**10.4**	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:49	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 17:28	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 17:28	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 17:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 17:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 17:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 17:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 17:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 17:28	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 17:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 17:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 17:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 17:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 17:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 17:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 17:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 17:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 17:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 17:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 17:28	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 17:28	106-46-7	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-2 **Lab ID: 92115613008** Collected: 04/02/12 16:55 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 17:28	110-57-6	
1,1-Dichloroethane	**4.0**	ug/L	1.0	1		04/06/12 17:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 17:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 17:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 17:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 17:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 17:28	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 17:28	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 17:28	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 17:28	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 17:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 17:28	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 17:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 17:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 17:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 17:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 17:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 17:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 17:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 17:28	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 17:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 17:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 17:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/06/12 17:28	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/06/12 17:28	1868-53-7	
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		04/06/12 17:28	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/06/12 17:28	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-3 **Lab ID: 92115613009** Collected: 04/02/12 17:15 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:09		
Collected Date	**4/3/12**			1		04/17/12 18:09		
Collected Time	**17:15**			1		04/17/12 18:09		
Field pH	**6.4**	Std. Units	0.10	1		04/17/12 18:09		
Field Temperature	**19.2**	deg C	0.50	1		04/17/12 18:09		
Field Specific Conductance	**550**	umhos/cm	1.0	1		04/17/12 18:09		
Turbidity	**19.0**	NTU	1.0	1		04/17/12 18:09		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-38-2	
Barium	**304**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:52	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/12 12:20	04/11/12 21:52	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-47-3	
Cobalt	**29.0**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7439-92-1	
Nickel	**8.4**	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:52	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/12 12:20	04/11/12 21:52	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/12 12:20	04/11/12 21:52	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/12 12:20	04/11/12 21:52	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 17:45	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 17:45	107-13-1	
Benzene	**1.7**	ug/L	1.0	1		04/06/12 17:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 17:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 17:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 17:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 17:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 17:45	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 17:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 17:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 17:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 17:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 17:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 17:45	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 17:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 17:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 17:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 17:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 17:45	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 17:45	106-46-7	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-3 **Lab ID: 92115613009** Collected: 04/02/12 17:15 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 17:45	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 17:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 17:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 17:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 17:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 17:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 17:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 17:45	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 17:45	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 17:45	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 17:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 17:45	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 17:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 17:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 17:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 17:45	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 17:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 17:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 17:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 17:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 17:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 17:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 17:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 17:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 17:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 17:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 17:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/06/12 17:45	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		04/06/12 17:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	114	%	70-130	1		04/06/12 17:45	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/06/12 17:45	2037-26-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-4 **Lab ID: 92115613010** Collected: 04/02/12 17:35 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:10		
Collected Date	**4/3/12**			1		04/17/12 18:10		
Collected Time	**17:35**			1		04/17/12 18:10		
Field pH	**2.2**	Std. Units	0.10	1		04/17/12 18:10		
Field Temperature	**19.6**	deg C	0.50	1		04/17/12 18:10		
Field Specific Conductance	**1484**	umhos/cm	1.0	1		04/17/12 18:10		
Turbidity	**15.7**	NTU	1.0	1		04/17/12 18:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**58.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-36-0	
Arsenic	**52.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 16:45	7440-38-2	
Barium	**66.2**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-39-3	
Beryllium	**13.4**	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:11	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:11	7440-43-9	
Chromium	**1380**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-47-3	
Cobalt	**340**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-48-4	
Copper	**5140**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7439-92-1	
Nickel	**701**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:11	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:11	7440-28-0	
Vanadium	**66.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:11	7440-62-2	
Zinc	**354**	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:11	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**7630**	ug/L	2500	100		04/09/12 19:21	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 18:02	107-13-1	
Benzene	**4.1**	ug/L	1.0	1		04/06/12 18:02	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 18:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 18:02	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 18:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 18:02	74-83-9	
2-Butanone (MEK)	**7520**	ug/L	500	100		04/09/12 19:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 18:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 18:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 18:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 18:02	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 18:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 18:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 18:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 18:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 18:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 18:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 18:02	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 18:02	106-46-7	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-4 **Lab ID: 92115613010** Collected: 04/02/12 17:35 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 18:02	110-57-6	
1,1-Dichloroethane	**1.2**	ug/L	1.0	1		04/06/12 18:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 18:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 18:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 18:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 18:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 18:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 18:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 18:02	10061-02-6	
Ethylbenzene	**2.9**	ug/L	1.0	1		04/06/12 18:02	100-41-4	
2-Hexanone	**7.0**	ug/L	5.0	1		04/06/12 18:02	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 18:02	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 18:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	**99.1**	ug/L	5.0	1		04/06/12 18:02	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 18:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 18:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 18:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 18:02	127-18-4	
Toluene	**12.7**	ug/L	1.0	1		04/06/12 18:02	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 18:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 18:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 18:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 18:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 18:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 18:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 18:02	75-01-4	
Xylene (Total)	**6.3**	ug/L	2.0	1		04/06/12 18:02	1330-20-7	
m&p-Xylene	**4.1**	ug/L	2.0	1		04/06/12 18:02	179601-23-1	
o-Xylene	**2.2**	ug/L	1.0	1		04/06/12 18:02	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/06/12 18:02	460-00-4	
Dibromofluoromethane (S)	136	%	70-130	1		04/06/12 18:02	1868-53-7	S2
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/06/12 18:02	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		04/06/12 18:02	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-5 **Lab ID: 92115613011** Collected: 04/02/12 16:20 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:10		
Collected Date	**4/3/12**			1		04/17/12 18:10		
Collected Time	**16:20**			1		04/17/12 18:10		
Field pH	**6.2**	Std. Units	0.10	1		04/17/12 18:10		
Field Temperature	**18.3**	deg C	0.50	1		04/17/12 18:10		
Field Specific Conductance	**702**	umhos/cm	1.0	1		04/17/12 18:10		
Turbidity	**20.1**	NTU	1.0	1		04/17/12 18:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-38-2	
Barium	**338**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:33	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:33	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-47-3	
Cobalt	**139**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7439-92-1	
Nickel	**38.6**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:33	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:33	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:33	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:33	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 14:43	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 14:43	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 14:43	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 14:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 14:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 14:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 14:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 14:43	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 14:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 14:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 14:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 14:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 14:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 14:43	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 14:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 14:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 14:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 14:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 14:43	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 14:43	106-46-7	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-5 **Lab ID: 92115613011** Collected: 04/02/12 16:20 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 14:43	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 14:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 14:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 14:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 14:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 14:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 14:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 14:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 14:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 14:43	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 14:43	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 14:43	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 14:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 14:43	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 14:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 14:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 14:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 14:43	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 14:43	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 14:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 14:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 14:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 14:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 14:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 14:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 14:43	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 14:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 14:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 14:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/12/12 14:43	460-00-4	
Dibromofluoromethane (S)	112	%	70-130	1		04/12/12 14:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/12/12 14:43	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/12/12 14:43	2037-26-5	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-6 **Lab ID: 92115613012** Collected: 04/02/12 17:55 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:11		
Collected Date	**4/3/12**			1		04/17/12 18:11		
Collected Time	**17:55**			1		04/17/12 18:11		
Field pH	**6.5**	Std. Units	0.10	1		04/17/12 18:11		
Field Temperature	**18.4**	deg C	0.50	1		04/17/12 18:11		
Field Specific Conductance	**663**	umhos/cm	1.0	1		04/17/12 18:11		
Turbidity	**17.8**	NTU	1.0	1		04/17/12 18:11		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-38-2	
Barium	**323**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:37	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:37	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-47-3	
Cobalt	**66.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:37	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:37	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:37	7440-62-2	
Zinc	**15.8**	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:37	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/06/12 18:35	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/06/12 18:35	107-13-1	
Benzene	ND	ug/L	1.0	1		04/06/12 18:35	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/06/12 18:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/06/12 18:35	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/06/12 18:35	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/06/12 18:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/06/12 18:35	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/06/12 18:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/06/12 18:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/06/12 18:35	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/06/12 18:35	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/06/12 18:35	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/06/12 18:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/06/12 18:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/06/12 18:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/06/12 18:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/06/12 18:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 18:35	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/06/12 18:35	106-46-7	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LD-6 **Lab ID: 92115613012** Collected: 04/02/12 17:55 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/06/12 18:35	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/06/12 18:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/06/12 18:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/06/12 18:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 18:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/06/12 18:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/06/12 18:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 18:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/06/12 18:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/06/12 18:35	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/06/12 18:35	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/06/12 18:35	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/06/12 18:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/06/12 18:35	108-10-1	
Styrene	ND	ug/L	1.0	1		04/06/12 18:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 18:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/06/12 18:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/06/12 18:35	127-18-4	
Toluene	ND	ug/L	1.0	1		04/06/12 18:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/06/12 18:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/06/12 18:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/06/12 18:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/06/12 18:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/06/12 18:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/06/12 18:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/06/12 18:35	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/06/12 18:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/06/12 18:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/06/12 18:35	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/06/12 18:35	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/06/12 18:35	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/06/12 18:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/06/12 18:35	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 LEACHATE LD DRY **Lab ID: 92115613013** Collected: 04/02/12 16:45 Received: 04/03/12 10:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		04/17/12 18:12		
Collected Date	**4/3/12**			1		04/17/12 18:12		
Collected Time	**16:45**			1		04/17/12 18:12		
Field pH	**DRY**	Std. Units	0.10	1		04/17/12 18:12		
Field Temperature	**DRY**	deg C	0.50	1		04/17/12 18:12		
Field Specific Conductance	**DRY**	umhos/cm	1.0	1		04/17/12 18:12		
Turbidity	**DRY**	NTU	1.0	1		04/17/12 18:12		

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(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-1 **Lab ID: 92115613014** Collected: 04/04/12 12:00 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:01		
Collected Date	**4/4/12**			1		04/24/12 18:01		
Collected Time	**12:00**			1		04/24/12 18:01		
Field pH	**6.5**	Std. Units	0.10	1		04/24/12 18:01		
Field Temperature	**15.1**	deg C	0.50	1		04/24/12 18:01		
Static Water Level	**71.31**	feet		1		04/24/12 18:01		
Field Specific Conductance	**169**	umhos/cm	1.0	1		04/24/12 18:01		
Turbidity	**16.4**	NTU	1.0	1		04/24/12 18:01		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-38-2	
Barium	**119**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:41	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:41	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:41	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:41	7440-28-0	
Vanadium	**6.8**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:41	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:41	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 15:00	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 15:00	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 15:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 15:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 15:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 15:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 15:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 15:00	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 15:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 15:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 15:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 15:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 15:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 15:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 15:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 15:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 15:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 15:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:00	95-50-1	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-1 **Lab ID: 92115613014** Collected: 04/04/12 12:00 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 15:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 15:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 15:00	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 15:00	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 15:00	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 15:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 15:00	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 15:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 15:00	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 15:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 15:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 15:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 15:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 15:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 15:00	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 15:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 15:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 15:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/12/12 15:00	460-00-4	
Dibromofluoromethane (S)	114	%	70-130	1		04/12/12 15:00	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/12/12 15:00	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/12/12 15:00	2037-26-5	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-1D **Lab ID: 92115613015** Collected: 04/04/12 12:10 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:02		
Collected Date	**4/4/12**			1		04/24/12 18:02		
Collected Time	**12:10**			1		04/24/12 18:02		
Field pH	**7.9**	Std. Units	0.10	1		04/24/12 18:02		
Field Temperature	**15.6**	deg C	0.50	1		04/24/12 18:02		
Static Water Level	**73.42**	feet		1		04/24/12 18:02		
Field Specific Conductance	**243**	umhos/cm	1.0	1		04/24/12 18:02		
Turbidity	**54.4**	NTU	1.0	1		04/24/12 18:02		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-38-2	
Barium	**29.7**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:44	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:44	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:44	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:44	7440-28-0	
Vanadium	**5.4**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:44	7440-62-2	
Zinc	**12.2**	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:44	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 15:16	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 15:16	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 15:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 15:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 15:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 15:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 15:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 15:16	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 15:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 15:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 15:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 15:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 15:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 15:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 15:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 15:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 15:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 15:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:16	95-50-1	

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(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-1D **Lab ID: 92115613015** Collected: 04/04/12 12:10 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 15:16	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 15:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 15:16	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 15:16	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 15:16	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 15:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 15:16	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 15:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 15:16	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 15:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 15:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 15:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 15:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 15:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 15:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 15:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 15:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 15:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/12/12 15:16	460-00-4	
Dibromofluoromethane (S)	110	%	70-130	1		04/12/12 15:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/12/12 15:16	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		04/12/12 15:16	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-2 **Lab ID: 92115613016** Collected: 04/04/12 10:40 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:02		
Collected Date	**4/4/12**			1		04/24/12 18:02		
Collected Time	**10:40**			1		04/24/12 18:02		
Field pH	**6.0**	Std. Units	0.10	1		04/24/12 18:02		
Field Temperature	**12.5**	deg C	0.50	1		04/24/12 18:02		
Static Water Level	**8.79**	feet		1		04/24/12 18:02		
Field Specific Conductance	**167**	umhos/cm	1.0	1		04/24/12 18:02		
Turbidity	**10.48**	NTU	1.0	1		04/24/12 18:02		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-38-2	
Barium	**63.0**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:48	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:48	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:48	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:48	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 15:33	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 15:33	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 15:33	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 15:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 15:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 15:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 15:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 15:33	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 15:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 15:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 15:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 15:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 15:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 15:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 15:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 15:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 15:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 15:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:33	95-50-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-2 **Lab ID: 92115613016** Collected: 04/04/12 10:40 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 15:33	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 15:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 15:33	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 15:33	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 15:33	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 15:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 15:33	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 15:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 15:33	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 15:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 15:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 15:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 15:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 15:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 15:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 15:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 15:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 15:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/12/12 15:33	460-00-4	
Dibromofluoromethane (S)	113	%	70-130	1		04/12/12 15:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/12/12 15:33	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		04/12/12 15:33	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-2D **Lab ID: 92115613017** Collected: 04/04/12 10:45 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:03		
Collected Date	**4/4/12**			1		04/24/12 18:03		
Collected Time	**10:45**			1		04/24/12 18:03		
Field pH	**6.8**	Std. Units	0.10	1		04/24/12 18:03		
Field Temperature	**11.6**	deg C	0.50	1		04/24/12 18:03		
Static Water Level	**8.31**	feet		1		04/24/12 18:03		
Field Specific Conductance	**248**	umhos/cm	1.0	1		04/24/12 18:03		
Turbidity	**1.77**	NTU	1.0	1		04/24/12 18:03		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-38-2	
Barium	**82.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:51	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:51	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:51	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:51	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:51	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:51	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 15:50	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 15:50	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 15:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 15:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 15:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 15:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 15:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 15:50	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 15:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 15:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 15:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 15:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 15:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 15:50	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 15:50	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 15:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 15:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 15:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:50	95-50-1	

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ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-2D **Lab ID: 92115613017** Collected: 04/04/12 10:45 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 15:50	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 15:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 15:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 15:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 15:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 15:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 15:50	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 15:50	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 15:50	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 15:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 15:50	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 15:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 15:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 15:50	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 15:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 15:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 15:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 15:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 15:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 15:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 15:50	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 15:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 15:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 15:50	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/12/12 15:50	460-00-4	
Dibromofluoromethane (S)	110	%	70-130	1		04/12/12 15:50	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/12/12 15:50	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/12/12 15:50	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-3 **Lab ID: 92115613018** Collected: 04/04/12 13:20 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:04		
Collected Date	**4/4/12**			1		04/24/12 18:04		
Collected Time	**13:20**			1		04/24/12 18:04		
Field pH	**6.0**	Std. Units	0.10	1		04/24/12 18:04		
Field Temperature	**15.9**	deg C	0.50	1		04/24/12 18:04		
Static Water Level	**31.91**	feet		1		04/24/12 18:04		
Field Specific Conductance	**277**	umhos/cm	1.0	1		04/24/12 18:04		
Turbidity	**55.7**	NTU	1.0	1		04/24/12 18:04		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-38-2	
Barium	**177**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:55	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:55	7440-43-9	
Chromium	**7.6**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-47-3	
Cobalt	**11.3**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-48-4	
Copper	**6.3**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7439-92-1	
Nickel	**26.2**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:55	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:55	7440-28-0	
Vanadium	**12.8**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:55	7440-62-2	
Zinc	**17.3**	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:55	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 16:07	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 16:07	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 16:07	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 16:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 16:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 16:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 16:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 16:07	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 16:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 16:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 16:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 16:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 16:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 16:07	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 16:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 16:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 16:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 16:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:07	95-50-1	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-3 **Lab ID: 92115613018** Collected: 04/04/12 13:20 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 16:07	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 16:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 16:07	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 16:07	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 16:07	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 16:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 16:07	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 16:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 16:07	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 16:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 16:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 16:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 16:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 16:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 16:07	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 16:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 16:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 16:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/12/12 16:07	460-00-4	
Dibromofluoromethane (S)	113	%	70-130	1		04/12/12 16:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/12/12 16:07	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/12/12 16:07	2037-26-5	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-6 **Lab ID: 92115613019** Collected: 04/04/12 13:00 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:05		
Collected Date	**4/4/12**			1		04/24/12 18:05		
Collected Time	**13:00**			1		04/24/12 18:05		
Field pH	**6.0**	Std. Units	0.10	1		04/24/12 18:05		
Field Temperature	**16.4**	deg C	0.50	1		04/24/12 18:05		
Static Water Level	**27.04**	feet		1		04/24/12 18:05		
Field Specific Conductance	**149**	umhos/cm	1.0	1		04/24/12 18:05		
Turbidity	**10.53**	NTU	1.0	1		04/24/12 18:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-38-2	
Barium	**55.0**	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 02:58	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:58	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 02:58	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 02:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 02:58	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 16:23	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 16:23	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 16:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 16:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 16:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 16:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 16:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 16:23	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 16:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 16:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 16:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 16:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 16:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 16:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 16:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 16:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 16:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 16:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:23	95-50-1	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-6 **Lab ID: 92115613019** Collected: 04/04/12 13:00 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 16:23	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 16:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 16:23	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 16:23	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 16:23	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 16:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 16:23	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 16:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 16:23	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 16:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 16:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 16:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 16:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 16:23	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 16:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 16:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 16:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		04/12/12 16:23	460-00-4	
Dibromofluoromethane (S)	111	%	70-130	1		04/12/12 16:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/12/12 16:23	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/12/12 16:23	2037-26-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-7 **Lab ID: 92115613020** Collected: 04/04/12 12:50 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:06		
Collected Date	**4/4/12**			1		04/24/12 18:06		
Collected Time	**12:50**			1		04/24/12 18:06		
Field pH	**6.2**	Std. Units	0.10	1		04/24/12 18:06		
Field Temperature	**16.4**	deg C	0.50	1		04/24/12 18:06		
Static Water Level	**47.84**	feet		1		04/24/12 18:06		
Field Specific Conductance	**719**	umhos/cm	1.0	1		04/24/12 18:06		
Turbidity	**6.42**	NTU	1.0	1		04/24/12 18:06		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-38-2	
Barium	**132**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:02	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:02	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7439-92-1	
Nickel	**8.8**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:02	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:02	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:02	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:02	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 16:40	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 16:40	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 16:40	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 16:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 16:40	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 16:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 16:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 16:40	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 16:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 16:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 16:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 16:40	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 16:40	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 16:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 16:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 16:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 16:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 16:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:40	95-50-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-7 **Lab ID: 92115613020** Collected: 04/04/12 12:50 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 16:40	110-57-6	
1,1-Dichloroethane	**2.1**	ug/L	1.0	1		04/12/12 16:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 16:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 16:40	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 16:40	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 16:40	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 16:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 16:40	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 16:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 16:40	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 16:40	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 16:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 16:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 16:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 16:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 16:40	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 16:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 16:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 16:40	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/12/12 16:40	460-00-4	
Dibromofluoromethane (S)	114	%	70-130	1		04/12/12 16:40	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/12/12 16:40	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/12/12 16:40	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-10 **Lab ID: 92115613021** Collected: 04/04/12 11:20 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:07		
Collected Date	**4/4/12**			1		04/24/12 18:07		
Collected Time	**11:20**			1		04/24/12 18:07		
Field pH	**6.1**	Std. Units	0.10	1		04/24/12 18:07		
Field Temperature	**15.2**	deg C	0.50	1		04/24/12 18:07		
Static Water Level	**69.88**	feet		1		04/24/12 18:07		
Field Specific Conductance	**308**	umhos/cm	1.0	1		04/24/12 18:07		
Turbidity	**4.53**	NTU	1.0	1		04/24/12 18:07		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-38-2	
Barium	**125**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:05	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:05	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:05	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:05	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:05	7440-62-2	
Zinc	**13.5**	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:05	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 16:57	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 16:57	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 16:57	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 16:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 16:57	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 16:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 16:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 16:57	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 16:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 16:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 16:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 16:57	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 16:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 16:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 16:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 16:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 16:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 16:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:57	95-50-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-10 **Lab ID: 92115613021** Collected: 04/04/12 11:20 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 16:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 16:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 16:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 16:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 16:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 16:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 16:57	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 16:57	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 16:57	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 16:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 16:57	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 16:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 16:57	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 16:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 16:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 16:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 16:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 16:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 16:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 16:57	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 16:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 16:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 16:57	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/12/12 16:57	460-00-4	
Dibromofluoromethane (S)	111	%	70-130	1		04/12/12 16:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/12/12 16:57	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/12/12 16:57	2037-26-5	

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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-10D **Lab ID: 92115613022** Collected: 04/04/12 11:30 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:08		
Collected Date	**4/4/12**			1		04/24/12 18:08		
Collected Time	**11:30**			1		04/24/12 18:08		
Field pH	**6.6**	Std. Units	0.10	1		04/24/12 18:08		
Field Temperature	**16.0**	deg C	0.50	1		04/24/12 18:08		
Static Water Level	**70.33**	feet		1		04/24/12 18:08		
Field Specific Conductance	**258**	umhos/cm	1.0	1		04/24/12 18:08		
Turbidity	**4.19**	NTU	1.0	1		04/24/12 18:08		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-38-2	
Barium	**16.9**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:19	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:19	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7439-92-1	
Nickel	**6.8**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:19	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:19	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:19	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:19	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 17:13	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 17:13	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 17:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 17:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 17:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 17:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 17:13	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 17:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 17:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 17:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 17:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 17:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 17:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 17:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 17:13	95-50-1	

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Pace Analytical Services, Inc.
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-10D **Lab ID: 92115613022** Collected: 04/04/12 11:30 Received: 04/04/12 17:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 17:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 17:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 17:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 17:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 17:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 17:13	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 17:13	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 17:13	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 17:13	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 17:13	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 17:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 17:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 17:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 17:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 17:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 17:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 17:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 17:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/12/12 17:13	460-00-4	
Dibromofluoromethane (S)	111	%	70-130	1		04/12/12 17:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/12/12 17:13	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/12/12 17:13	2037-26-5	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-4 **Lab ID: 92115613023** Collected: 04/05/12 14:30 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:12		
Collected Date	**4/5/12**			1		04/24/12 18:12		
Collected Time	**14:45**			1		04/24/12 18:12		
Field pH	**6.0**	Std. Units	0.10	1		04/24/12 18:12		
Field Temperature	**14.0**	deg C	0.50	1		04/24/12 18:12		
Static Water Level	**13.09**	feet		1		04/24/12 18:12		
Field Specific Conductance	**189**	umhos/cm	1.0	1		04/24/12 18:12		
Turbidity	**3.20**	NTU	1.0	1		04/24/12 18:12		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-38-2	
Barium	**59.4**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:22	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:22	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:22	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:22	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:22	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:22	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 17:30	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 17:30	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 17:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 17:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 17:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 17:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 17:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 17:30	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 17:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 17:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 17:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 17:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 17:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 17:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 17:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 17:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 17:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 17:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 17:30	95-50-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-4 **Lab ID: 92115613023** Collected: 04/05/12 14:30 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 17:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 17:30	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 17:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 17:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 17:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 17:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 17:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 17:30	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 17:30	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 17:30	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 17:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 17:30	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 17:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 17:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 17:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 17:30	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 17:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 17:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 17:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 17:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 17:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 17:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 17:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 17:30	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 17:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 17:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 17:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/12/12 17:30	460-00-4	
Dibromofluoromethane (S)	112	%	70-130	1		04/12/12 17:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/12/12 17:30	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/12/12 17:30	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-4D **Lab ID: 92115613024** Collected: 04/05/12 14:45 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:13		
Collected Date	**4/5/12**			1		04/24/12 18:13		
Collected Time	**14:45**			1		04/24/12 18:13		
Field pH	**6.2**	Std. Units	0.10	1		04/24/12 18:13		
Field Temperature	**14.2**	deg C	0.50	1		04/24/12 18:13		
Static Water Level	**13.45**	feet		1		04/24/12 18:13		
Field Specific Conductance	**259**	umhos/cm	1.0	1		04/24/12 18:13		
Turbidity	**18.6**	NTU	1.0	1		04/24/12 18:13		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-38-2	
Barium	**33.3**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:26	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:26	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:26	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:26	7440-28-0	
Vanadium	**8.5**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:26	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:26	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 17:46	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 17:46	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 17:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 17:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 17:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 17:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 17:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 17:46	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 17:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 17:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 17:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 17:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 17:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 17:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 17:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 17:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 17:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 17:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 17:46	95-50-1	

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ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-4D **Lab ID: 92115613024** Collected: 04/05/12 14:45 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 17:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 17:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 17:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 17:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 17:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 17:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 17:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 17:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 17:46	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 17:46	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 17:46	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 17:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 17:46	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 17:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 17:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 17:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 17:46	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 17:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 17:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 17:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 17:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 17:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 17:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 17:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 17:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 17:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 17:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 17:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/12/12 17:46	460-00-4	
Dibromofluoromethane (S)	112	%	70-130	1		04/12/12 17:46	1868-53-7	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/12/12 17:46	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/12/12 17:46	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-5 **Lab ID: 92115613025** Collected: 04/05/12 13:40 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:14		
Collected Date	**4/5/12**			1		04/24/12 18:14		
Collected Time	**13:40**			1		04/24/12 18:14		
Field pH	**6.2**	Std. Units	0.10	1		04/24/12 18:14		
Field Temperature	**16.9**	deg C	0.50	1		04/24/12 18:14		
Static Water Level	**34.75**	feet		1		04/24/12 18:14		
Field Specific Conductance	**115**	umhos/cm	1.0	1		04/24/12 18:14		
Turbidity	**4.84**	NTU	1.0	1		04/24/12 18:14		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-38-2	
Barium	**96.6**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:29	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:29	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:29	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:29	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:29	7440-62-2	
Zinc	**11.1**	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:29	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/12/12 18:03	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/12/12 18:03	107-13-1	
Benzene	ND	ug/L	1.0	1		04/12/12 18:03	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/12/12 18:03	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/12/12 18:03	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/12/12 18:03	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/12/12 18:03	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/12/12 18:03	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/12/12 18:03	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/12/12 18:03	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/12/12 18:03	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/12/12 18:03	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/12/12 18:03	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/12/12 18:03	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/12/12 18:03	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/12/12 18:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/12/12 18:03	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/12/12 18:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 18:03	95-50-1	

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2225 Riverside Dr.
Asheville, NC 28804
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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-5 **Lab ID: 92115613025** Collected: 04/05/12 13:40 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/12/12 18:03	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/12/12 18:03	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/12/12 18:03	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/12/12 18:03	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/12/12 18:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 18:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/12/12 18:03	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/12/12 18:03	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 18:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/12/12 18:03	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/12/12 18:03	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/12/12 18:03	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/12/12 18:03	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/12/12 18:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/12/12 18:03	108-10-1	
Styrene	ND	ug/L	1.0	1		04/12/12 18:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 18:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/12/12 18:03	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/12/12 18:03	127-18-4	
Toluene	ND	ug/L	1.0	1		04/12/12 18:03	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/12/12 18:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/12/12 18:03	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/12/12 18:03	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/12/12 18:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/12/12 18:03	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/12/12 18:03	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/12/12 18:03	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/12/12 18:03	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/12/12 18:03	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/12/12 18:03	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/12/12 18:03	460-00-4	
Dibromofluoromethane (S)	113	%	70-130	1		04/12/12 18:03	1868-53-7	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/12/12 18:03	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/12/12 18:03	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-5D **Lab ID: 92115613026** Collected: 04/05/12 13:45 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:15		
Collected Date	**4/5/12**			1		04/24/12 18:15		
Collected Time	**13:45**			1		04/24/12 18:15		
Field pH	**6.2**	Std. Units	0.10	1		04/24/12 18:15		
Field Temperature	**16.0**	deg C	0.50	1		04/24/12 18:15		
Static Water Level	**36.67**	feet		1		04/24/12 18:15		
Field Specific Conductance	**196**	umhos/cm	1.0	1		04/24/12 18:15		
Turbidity	**3.20**	NTU	1.0	1		04/24/12 18:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-38-2	
Barium	**57.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:33	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:33	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:33	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:33	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:33	7440-62-2	
Zinc	**18.7**	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:33	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 16:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 16:42	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 16:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 16:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 16:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 16:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 16:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 16:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 16:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 16:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 16:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 16:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 16:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 16:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 16:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 16:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 16:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 16:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 16:42	95-50-1	

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Pace Analytical Services, Inc.
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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-5D **Lab ID: 92115613026** Collected: 04/05/12 13:45 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 16:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 16:42	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 16:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 16:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 16:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 16:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 16:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 16:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 16:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 16:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 16:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 16:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 16:42	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 16:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 16:42	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 16:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 16:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 16:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 16:42	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 16:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 16:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 16:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 16:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 16:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 16:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 16:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 16:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 16:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 16:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 16:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/13/12 16:42	460-00-4	
Dibromofluoromethane (S)	107	%	70-130	1		04/13/12 16:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 16:42	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 16:42	2037-26-5	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-12 **Lab ID: 92115613027** Collected: 04/05/12 15:20 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:16		
Collected Date	**4/5/12**			1		04/24/12 18:16		
Collected Time	**15:20**			1		04/24/12 18:16		
Field pH	**6.0**	Std. Units	0.10	1		04/24/12 18:16		
Field Temperature	**13.2**	deg C	0.50	1		04/24/12 18:16		
Static Water Level	**12.08**	feet		1		04/24/12 18:16		
Field Specific Conductance	**564**	umhos/cm	1.0	1		04/24/12 18:16		
Turbidity	**3.88**	NTU	1.0	1		04/24/12 18:16		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-38-2	
Barium	**101**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:36	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:36	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:36	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:36	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:36	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:36	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 16:59	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 16:59	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 16:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 16:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 16:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 16:59	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 16:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 16:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 16:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 16:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 16:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 16:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 16:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 16:59	95-50-1	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-12 **Lab ID: 92115613027** Collected: 04/05/12 15:20 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 16:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 16:59	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 16:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 16:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 16:59	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 16:59	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 16:59	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 16:59	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 16:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 16:59	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 16:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 16:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 16:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 16:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 16:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 16:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 16:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 16:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/13/12 16:59	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		04/13/12 16:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		04/13/12 16:59	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		04/13/12 16:59	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-12D **Lab ID: 92115613028** Collected: 04/05/12 15:35 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:17		
Collected Date	**4/5/12**			1		04/24/12 18:17		
Collected Time	**15:35**			1		04/24/12 18:17		
Field pH	**6.6**	Std. Units	0.10	1		04/24/12 18:17		
Field Temperature	**13.2**	deg C	0.50	1		04/24/12 18:17		
Static Water Level	**11.24**	feet		1		04/24/12 18:17		
Field Specific Conductance	**326**	umhos/cm	1.0	1		04/24/12 18:17		
Turbidity	**14.7**	NTU	1.0	1		04/24/12 18:17		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-38-2	
Barium	**43.5**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:40	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:40	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:40	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:40	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:40	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:40	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 17:16	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 17:16	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 17:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 17:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 17:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 17:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 17:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 17:16	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 17:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 17:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 17:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 17:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 17:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 17:16	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 17:16	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 17:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 17:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 17:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 17:16	95-50-1	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-12D **Lab ID: 92115613028** Collected: 04/05/12 15:35 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 17:16	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 17:16	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 17:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 17:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 17:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 17:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 17:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 17:16	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 17:16	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 17:16	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 17:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 17:16	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 17:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 17:16	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 17:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 17:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 17:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 17:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 17:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 17:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 17:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 17:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 17:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 17:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 17:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/13/12 17:16	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		04/13/12 17:16	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		04/13/12 17:16	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/13/12 17:16	2037-26-5	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-13 **Lab ID: 92115613029** Collected: 04/05/12 14:10 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:18		
Collected Date	**4/5/12**			1		04/24/12 18:18		
Collected Time	**14:10**			1		04/24/12 18:18		
Field pH	**6.5**	Std. Units	0.10	1		04/24/12 18:18		
Field Temperature	**15.6**	deg C	0.50	1		04/24/12 18:18		
Static Water Level	**5.54**	feet		1		04/24/12 18:18		
Field Specific Conductance	**396**	umhos/cm	1.0	1		04/24/12 18:18		
Turbidity	**14.9**	NTU	1.0	1		04/24/12 18:18		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-38-2	
Barium	**158**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:44	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:44	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-47-3	
Cobalt	**46.0**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:44	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:44	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:44	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:44	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 17:32	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 17:32	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 17:32	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 17:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 17:32	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 17:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 17:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 17:32	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 17:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 17:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 17:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 17:32	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 17:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 17:32	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 17:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 17:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 17:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 17:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 17:32	95-50-1	

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ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-13 **Lab ID: 92115613029** Collected: 04/05/12 14:10 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 17:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 17:32	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 17:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 17:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 17:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 17:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 17:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 17:32	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 17:32	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 17:32	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 17:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 17:32	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 17:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 17:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 17:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 17:32	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 17:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 17:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 17:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 17:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 17:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 17:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 17:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 17:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 17:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 17:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 17:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/13/12 17:32	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/13/12 17:32	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 17:32	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/13/12 17:32	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-13D **Lab ID: 92115613030** Collected: 04/05/12 14:15 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:19		
Collected Date	**4/5/12**			1		04/24/12 18:19		
Collected Time	**14:15**			1		04/24/12 18:19		
Field pH	**6.0**	Std. Units	0.10	1		04/24/12 18:19		
Field Temperature	**14.3**	deg C	0.50	1		04/24/12 18:19		
Static Water Level	**7.13**	feet		1		04/24/12 18:19		
Field Specific Conductance	**357**	umhos/cm	1.0	1		04/24/12 18:19		
Turbidity	**9.55**	NTU	1.0	1		04/24/12 18:19		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-38-2	
Barium	**248**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 03:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-47-3	
Cobalt	**22.2**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7439-92-1	
Nickel	**19.3**	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:48	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 03:48	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 03:48	7440-62-2	
Zinc	**13.0**	ug/L	10.0	1	04/11/12 11:15	04/13/12 03:48	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 17:49	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 17:49	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 17:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 17:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 17:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 17:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 17:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 17:49	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 17:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 17:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 17:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 17:49	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 17:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 17:49	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 17:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 17:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 17:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 17:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 17:49	95-50-1	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-13D **Lab ID: 92115613030** Collected: 04/05/12 14:15 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 17:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 17:49	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 17:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 17:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 17:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 17:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 17:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 17:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 17:49	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 17:49	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 17:49	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 17:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 17:49	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 17:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 17:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 17:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 17:49	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 17:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 17:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 17:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 17:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 17:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 17:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 17:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 17:49	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 17:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 17:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 17:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/13/12 17:49	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		04/13/12 17:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 17:49	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/13/12 17:49	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-14 **Lab ID: 92115613031** Collected: 04/05/12 15:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:20		
Collected Date	**4/5/12**			1		04/24/12 18:20		
Collected Time	**15:00**			1		04/24/12 18:20		
Field pH	**6.1**	Std. Units	0.10	1		04/24/12 18:20		
Field Temperature	**14.8**	deg C	0.50	1		04/24/12 18:20		
Static Water Level	**31.73**	feet		1		04/24/12 18:20		
Field Specific Conductance	**212**	umhos/cm	1.0	1		04/24/12 18:20		
Turbidity	**41.0**	NTU	1.0	1		04/24/12 18:20		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-38-2	
Barium	**58.1**	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 05:52	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 05:52	7440-43-9	
Chromium	**5.3**	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 05:52	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 05:52	7440-28-0	
Vanadium	**10.3**	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:52	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 05:52	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 18:06	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 18:06	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 18:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 18:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 18:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 18:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 18:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 18:06	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 18:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 18:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 18:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 18:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 18:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 18:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 18:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 18:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 18:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 18:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:06	95-50-1	

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ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-14 **Lab ID: 92115613031** Collected: 04/05/12 15:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 18:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 18:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 18:06	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 18:06	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 18:06	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 18:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 18:06	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 18:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 18:06	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 18:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 18:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 18:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 18:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 18:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 18:06	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 18:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 18:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 18:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/13/12 18:06	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/13/12 18:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 18:06	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/13/12 18:06	2037-26-5	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-14D **Lab ID: 92115613032** Collected: 04/05/12 15:10 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/24/12 18:34		
Collected Date	**4/5/12**			1		04/24/12 18:34		
Collected Time	**15:10**			1		04/24/12 18:34		
Field pH	**6.9**	Std. Units	0.10	1		04/24/12 18:34		
Field Temperature	**13.8**	deg C	0.50	1		04/24/12 18:34		
Static Water Level	**31.81**	feet		1		04/24/12 18:34		
Field Specific Conductance	**281**	umhos/cm	1.0	1		04/24/12 18:34		
Turbidity	**1.51**	NTU	1.0	1		04/24/12 18:34		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-38-2	
Barium	**11.9**	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 05:56	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 05:56	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 05:56	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 05:56	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 05:56	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 05:56	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 18:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 18:22	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 18:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 18:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 18:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 18:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 18:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 18:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 18:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 18:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 18:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 18:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 18:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 18:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 18:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 18:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 18:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 18:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:22	95-50-1	

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Eden, NC 27288
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2225 Riverside Dr.
Asheville, NC 28804
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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-14D **Lab ID: 92115613032** Collected: 04/05/12 15:10 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 18:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 18:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 18:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 18:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 18:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 18:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 18:22	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 18:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 18:22	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 18:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 18:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 18:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 18:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 18:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 18:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 18:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 18:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 18:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/13/12 18:22	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/13/12 18:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 18:22	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 18:22	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 TRAVEL BLANK **Lab ID: 92115613033** Collected: 04/02/12 00:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 18:39	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 18:39	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 18:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 18:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 18:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 18:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 18:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 18:39	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 18:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 18:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 18:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 18:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 18:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 18:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 18:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 18:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 18:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 18:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 18:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 18:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 18:39	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 18:39	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 18:39	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 18:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 18:39	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 18:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 18:39	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 18:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 18:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 18:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 18:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 18:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 18:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 18:39	1330-20-7	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 TRAVEL BLANK **Lab ID: 92115613033** Collected: 04/02/12 00:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 18:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 18:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/13/12 18:39	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		04/13/12 18:39	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 18:39	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 18:39	2037-26-5	

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 EQUIP BLANK **Lab ID: 92115613034** Collected: 04/04/12 00:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-38-2	
Barium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 06:00	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/11/12 11:15	04/13/12 06:00	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-48-4	
Copper	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-50-8	
Lead	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 06:00	7782-49-2	
Silver	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/11/12 11:15	04/13/12 06:00	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/11/12 11:15	04/13/12 06:00	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/11/12 11:15	04/13/12 06:00	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 18:55	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 18:55	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 18:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 18:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 18:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 18:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 18:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 18:55	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 18:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 18:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 18:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 18:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 18:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 18:55	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 18:55	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 18:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 18:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 18:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:55	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 18:55	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 18:55	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 18:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 18:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 18:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 18:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 18:55	100-41-4	

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Eden, NC 27288
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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 EQUIP BLANK **Lab ID: 92115613034** Collected: 04/04/12 00:00 Received: 04/05/12 16:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
2-Hexanone	ND	ug/L	5.0	1		04/13/12 18:55	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 18:55	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 18:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 18:55	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 18:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 18:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 18:55	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 18:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 18:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 18:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 18:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 18:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 18:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 18:55	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 18:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 18:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 18:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/13/12 18:55	460-00-4	
Dibromofluoromethane (S)	108	%	70-130	1		04/13/12 18:55	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/13/12 18:55	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		04/13/12 18:55	2037-26-5	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-8 **Lab ID: 92115613035** Collected: 04/06/12 11:10 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/25/12 16:21		
Collected Date	**4/6/12**			1		04/25/12 16:21		
Collected Time	**11:10**			1		04/25/12 16:21		
Field pH	**6.7**	Std. Units	0.10	1		04/25/12 16:21		
Field Temperature	**13.6**	deg C	0.50	1		04/25/12 16:21		
Static Water Level	**35.36**	feet		1		04/25/12 16:21		
Field Specific Conductance	**278**	umhos/cm	1.0	1		04/25/12 16:21		
Turbidity	**11.0**	NTU	1.0	1		04/25/12 16:21		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-38-2	
Barium	**96.0**	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:02	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:02	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-48-4	
Copper	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-50-8	
Lead	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:02	7782-49-2	
Silver	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/13/12 12:20	04/17/12 17:02	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:02	7440-62-2	
Zinc	**18.3**	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:02	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 19:12	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 19:12	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 19:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 19:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 19:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 19:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 19:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 19:12	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 19:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 19:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 19:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 19:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 19:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 19:12	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 19:12	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 19:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 19:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 19:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 19:12	95-50-1	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-8 **Lab ID: 92115613035** Collected: 04/06/12 11:10 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 19:12	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 19:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 19:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 19:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 19:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 19:12	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 19:12	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 19:12	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 19:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 19:12	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 19:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 19:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 19:12	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 19:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 19:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 19:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 19:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 19:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 19:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 19:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 19:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 19:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 19:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/13/12 19:12	460-00-4	
Dibromofluoromethane (S)	107	%	70-130	1		04/13/12 19:12	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 19:12	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 19:12	2037-26-5	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-8D **Lab ID: 92115613036** Collected: 04/06/12 11:20 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/25/12 16:21		
Collected Date	**4/6/12**			1		04/25/12 16:21		
Collected Time	**11:20**			1		04/25/12 16:21		
Field pH	**6.5**	Std. Units	0.10	1		04/25/12 16:21		
Field Temperature	**14.2**	deg C	0.50	1		04/25/12 16:21		
Static Water Level	**34.34**	feet		1		04/25/12 16:21		
Field Specific Conductance	**3.6**	umhos/cm	1.0	1		04/25/12 16:21		
Turbidity	**2.42**	NTU	1.0	1		04/25/12 16:21		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-38-2	
Barium	**119**	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:05	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:05	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-48-4	
Copper	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-50-8	
Lead	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:05	7782-49-2	
Silver	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/13/12 12:20	04/17/12 17:05	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:05	7440-62-2	
Zinc	**29.8**	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:05	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 19:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 19:29	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 19:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 19:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 19:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 19:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 19:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 19:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 19:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 19:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 19:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 19:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 19:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 19:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 19:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 19:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 19:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 19:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 19:29	95-50-1	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-8D **Lab ID: 92115613036** Collected: 04/06/12 11:20 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 19:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 19:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 19:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 19:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 19:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 19:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 19:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 19:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 19:29	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 19:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 19:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 19:29	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 19:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 19:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 19:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 19:29	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 19:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 19:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 19:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 19:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 19:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 19:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 19:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 19:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 19:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 19:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 19:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/13/12 19:29	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		04/13/12 19:29	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		04/13/12 19:29	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 19:29	2037-26-5	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-11 **Lab ID: 92115613037** Collected: 04/06/12 10:30 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/25/12 16:23		
Collected Date	**4/6/12**			1		04/25/12 16:23		
Collected Time	**10:30**			1		04/25/12 16:23		
Field pH	**6.8**	Std. Units	0.10	1		04/25/12 16:23		
Field Temperature	**14.0**	deg C	0.50	1		04/25/12 16:23		
Static Water Level	**32.26**	feet		1		04/25/12 16:23		
Field Specific Conductance	**363**	umhos/cm	1.0	1		04/25/12 16:23		
Turbidity	**1.84**	NTU	1.0	1		04/25/12 16:23		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-38-2	
Barium	**68.4**	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:08	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:08	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-48-4	
Copper	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-50-8	
Lead	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7439-92-1	
Nickel	**9.2**	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:08	7782-49-2	
Silver	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/13/12 12:20	04/17/12 17:08	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:08	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:08	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 19:45	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 19:45	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 19:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 19:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 19:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 19:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 19:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 19:45	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 19:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 19:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 19:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 19:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 19:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 19:45	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 19:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 19:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 19:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 19:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 19:45	95-50-1	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-11 **Lab ID: 92115613037** Collected: 04/06/12 10:30 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 19:45	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 19:45	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 19:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 19:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 19:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 19:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 19:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 19:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 19:45	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 19:45	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 19:45	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 19:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 19:45	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 19:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 19:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 19:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 19:45	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 19:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 19:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 19:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 19:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 19:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 19:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 19:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 19:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 19:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 19:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 19:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/13/12 19:45	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		04/13/12 19:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/13/12 19:45	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 19:45	2037-26-5	

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Eden, NC 27288
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Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-11D **Lab ID: 92115613038** Collected: 04/06/12 10:45 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		04/25/12 16:23		
Collected Date	**4/6/12**			1		04/25/12 16:23		
Collected Time	**10:45**			1		04/25/12 16:23		
Field pH	**6.6**	Std. Units	0.10	1		04/25/12 16:23		
Field Temperature	**14.1**	deg C	0.50	1		04/25/12 16:23		
Static Water Level	**32.82**	feet		1		04/25/12 16:23		
Field Specific Conductance	**347**	umhos/cm	1.0	1		04/25/12 16:23		
Turbidity	**2.80**	NTU	1.0	1		04/25/12 16:23		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-36-0	
Arsenic	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-38-2	
Barium	**13.2**	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:11	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/13/12 12:20	04/17/12 17:11	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-48-4	
Copper	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-50-8	
Lead	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:11	7782-49-2	
Silver	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/13/12 12:20	04/17/12 17:11	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/13/12 12:20	04/17/12 17:11	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/13/12 12:20	04/17/12 17:11	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/13/12 20:02	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/13/12 20:02	107-13-1	
Benzene	ND	ug/L	1.0	1		04/13/12 20:02	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/13/12 20:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/13/12 20:02	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/13/12 20:02	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/13/12 20:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/13/12 20:02	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/13/12 20:02	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/13/12 20:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/13/12 20:02	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/13/12 20:02	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/13/12 20:02	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/13/12 20:02	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		04/13/12 20:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/13/12 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/13/12 20:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/13/12 20:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 20:02	95-50-1	

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Sample: 11-07 MW-11D **Lab ID: 92115613038** Collected: 04/06/12 10:45 Received: 04/06/12 12:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/13/12 20:02	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/13/12 20:02	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/13/12 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/13/12 20:02	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/13/12 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/13/12 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/13/12 20:02	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/13/12 20:02	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/13/12 20:02	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/13/12 20:02	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/13/12 20:02	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		04/13/12 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/13/12 20:02	108-10-1	
Styrene	ND	ug/L	1.0	1		04/13/12 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/13/12 20:02	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/13/12 20:02	127-18-4	
Toluene	ND	ug/L	1.0	1		04/13/12 20:02	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/13/12 20:02	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/13/12 20:02	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/13/12 20:02	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/13/12 20:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/13/12 20:02	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/13/12 20:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/13/12 20:02	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/13/12 20:02	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/13/12 20:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/13/12 20:02	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/13/12 20:02	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		04/13/12 20:02	1868-53-7	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/13/12 20:02	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/13/12 20:02	2037-26-5	

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(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MPRP/10334 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115613001, 92115613002, 92115613003, 92115613004, 92115613005, 92115613006, 92115613007, 92115613008, 92115613009

METHOD BLANK: 748002 | Matrix: Water
Associated Lab Samples: 92115613001, 92115613002, 92115613003, 92115613004, 92115613005, 92115613006, 92115613007, 92115613008, 92115613009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/11/12 20:16	
Arsenic	ug/L	ND	5.0	04/11/12 20:16	
Barium	ug/L	ND	5.0	04/11/12 20:16	
Beryllium	ug/L	ND	1.0	04/11/12 20:16	
Cadmium	ug/L	ND	1.0	04/11/12 20:16	
Chromium	ug/L	ND	5.0	04/11/12 20:16	
Cobalt	ug/L	ND	5.0	04/11/12 20:16	
Copper	ug/L	ND	5.0	04/11/12 20:16	
Lead	ug/L	ND	5.0	04/11/12 20:16	
Nickel	ug/L	ND	5.0	04/11/12 20:16	
Selenium	ug/L	ND	10.0	04/11/12 20:16	
Silver	ug/L	ND	5.0	04/11/12 20:16	
Thallium	ug/L	ND	5.4	04/11/12 20:16	
Vanadium	ug/L	ND	5.0	04/11/12 20:16	
Zinc	ug/L	ND	10.0	04/11/12 20:16	

LABORATORY CONTROL SAMPLE: 748003

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	486	97	80-120	
Arsenic	ug/L	500	477	95	80-120	
Barium	ug/L	500	489	98	80-120	
Beryllium	ug/L	500	504	101	80-120	
Cadmium	ug/L	500	489	98	80-120	
Chromium	ug/L	500	493	99	80-120	
Cobalt	ug/L	500	481	96	80-120	
Copper	ug/L	500	483	97	80-120	
Lead	ug/L	500	485	97	80-120	
Nickel	ug/L	500	482	96	80-120	
Selenium	ug/L	500	481	96	80-120	
Silver	ug/L	250	245	98	80-120	
Thallium	ug/L	500	464	93	80-120	
Vanadium	ug/L	500	489	98	80-120	
Zinc	ug/L	500	473	95	80-120	

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205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748004 748005

Parameter	Units	92115451002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	482	479	96	95	75-125	1	
Arsenic	ug/L	ND	500	500	485	478	97	95	75-125	1	
Barium	ug/L	102	500	500	583	581	96	96	75-125	0	
Beryllium	ug/L	ND	500	500	499	497	100	99	75-125	0	
Cadmium	ug/L	ND	500	500	481	476	96	95	75-125	1	
Chromium	ug/L	16.7	500	500	508	504	98	97	75-125	1	
Cobalt	ug/L	56.0	500	500	528	524	94	94	75-125	1	
Copper	ug/L	8.5J	500	500	495	492	97	97	75-125	1	
Lead	ug/L	ND	500	500	470	466	93	92	75-125	1	
Nickel	ug/L	15.3J	500	500	489	487	95	94	75-125	0	
Selenium	ug/L	ND	500	500	475	468	95	93	75-125	1	
Silver	ug/L	ND	250	250	245	243	98	97	75-125	1	
Thallium	ug/L	ND	500	500	449	452	89	89	75-125	1	
Vanadium	ug/L	9.0J	500	500	496	493	97	97	75-125	1	
Zinc	ug/L	87.9	500	500	556	552	94	93	75-125	1	

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(828)254-7176

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MPRP/10344 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115613010, 92115613011, 92115613012, 92115613014, 92115613015, 92115613016, 92115613017, 92115613018, 92115613019, 92115613020, 92115613021, 92115613022, 92115613023, 92115613024, 92115613025, 92115613026, 92115613027, 92115613028, 92115613029, 92115613030

METHOD BLANK: 748333 Matrix: Water
Associated Lab Samples: 92115613010, 92115613011, 92115613012, 92115613014, 92115613015, 92115613016, 92115613017, 92115613018, 92115613019, 92115613020, 92115613021, 92115613022, 92115613023, 92115613024, 92115613025, 92115613026, 92115613027, 92115613028, 92115613029, 92115613030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/13/12 02:04	
Arsenic	ug/L	ND	5.0	04/13/12 02:04	
Barium	ug/L	ND	5.0	04/13/12 02:04	
Beryllium	ug/L	ND	1.0	04/13/12 02:04	
Cadmium	ug/L	ND	1.0	04/13/12 02:04	
Chromium	ug/L	ND	5.0	04/13/12 02:04	
Cobalt	ug/L	ND	5.0	04/13/12 02:04	
Copper	ug/L	ND	5.0	04/13/12 02:04	
Lead	ug/L	ND	5.0	04/13/12 02:04	
Nickel	ug/L	ND	5.0	04/13/12 02:04	
Selenium	ug/L	ND	10.0	04/13/12 02:04	
Silver	ug/L	ND	5.0	04/13/12 02:04	
Thallium	ug/L	ND	5.4	04/13/12 02:04	
Vanadium	ug/L	ND	5.0	04/13/12 02:04	
Zinc	ug/L	ND	10.0	04/13/12 02:04	

LABORATORY CONTROL SAMPLE: 748334

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	486	97	80-120	
Arsenic	ug/L	500	489	98	80-120	
Barium	ug/L	500	477	95	80-120	
Beryllium	ug/L	500	505	101	80-120	
Cadmium	ug/L	500	499	100	80-120	
Chromium	ug/L	500	501	100	80-120	
Cobalt	ug/L	500	493	99	80-120	
Copper	ug/L	500	491	98	80-120	
Lead	ug/L	500	493	99	80-120	
Nickel	ug/L	500	491	98	80-120	
Selenium	ug/L	500	489	98	80-120	
Silver	ug/L	250	247	99	80-120	
Thallium	ug/L	500	479	96	80-120	
Vanadium	ug/L	500	494	99	80-120	
Zinc	ug/L	500	491	98	80-120	

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Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748335 748336

Parameter	Units	92115613010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	58.1	500	500	528	518	94	92	75-125	2	
Arsenic	ug/L	52.1	500	500	536	522	97	94	75-125	3	
Barium	ug/L	66.2	500	500	516	511	90	89	75-125	1	
Beryllium	ug/L	13.4	500	500	493	480	96	93	75-125	3	
Cadmium	ug/L	ND	500	500	467	457	93	91	75-125	2	
Chromium	ug/L	1380	500	500	1800	1790	85	84	75-125	0	
Cobalt	ug/L	340	500	500	795	785	91	89	75-125	1	
Copper	ug/L	5140	500	500	5580	5600	87	93	75-125	0	
Lead	ug/L	ND	500	500	450	438	89	87	75-125	3	
Nickel	ug/L	701	500	500	1150	1190	89	99	75-125	4	
Selenium	ug/L	ND	500	500	489	481	97	95	75-125	2	
Silver	ug/L	ND	250	250	237	232	95	93	75-125	2	
Thallium	ug/L	ND	500	500	427	422	85	84	75-125	1	
Vanadium	ug/L	66.1	500	500	538	530	94	93	75-125	1	
Zinc	ug/L	354	500	500	820	812	93	92	75-125	1	

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2225 Riverside Dr.
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(828)254-7176

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9800 Kincey Ave. Suite 100
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(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MPRP/10345 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115613031, 92115613032, 92115613034

METHOD BLANK: 748338 — Matrix: Water
Associated Lab Samples: 92115613031, 92115613032, 92115613034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/13/12 04:06	
Arsenic	ug/L	ND	5.0	04/13/12 04:06	
Barium	ug/L	ND	5.0	04/13/12 04:06	
Beryllium	ug/L	ND	1.0	04/13/12 04:06	
Cadmium	ug/L	ND	1.0	04/13/12 04:06	
Chromium	ug/L	ND	5.0	04/13/12 04:06	
Cobalt	ug/L	ND	5.0	04/13/12 04:06	
Copper	ug/L	ND	5.0	04/13/12 04:06	
Lead	ug/L	ND	5.0	04/13/12 04:06	
Nickel	ug/L	ND	5.0	04/13/12 04:06	
Selenium	ug/L	ND	10.0	04/13/12 04:06	
Silver	ug/L	ND	5.0	04/13/12 04:06	
Thallium	ug/L	ND	5.4	04/13/12 04:06	
Vanadium	ug/L	ND	5.0	04/13/12 04:06	
Zinc	ug/L	ND	10.0	04/13/12 04:06	

LABORATORY CONTROL SAMPLE: 748339

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	488	98	80-120	
Arsenic	ug/L	500	484	97	80-120	
Barium	ug/L	500	475	95	80-120	
Beryllium	ug/L	500	502	100	80-120	
Cadmium	ug/L	500	498	100	80-120	
Chromium	ug/L	500	501	100	80-120	
Cobalt	ug/L	500	491	98	80-120	
Copper	ug/L	500	489	98	80-120	
Lead	ug/L	500	492	98	80-120	
Nickel	ug/L	500	489	98	80-120	
Selenium	ug/L	500	484	97	80-120	
Silver	ug/L	250	247	99	80-120	
Thallium	ug/L	500	475	95	80-120	
Vanadium	ug/L	500	493	99	80-120	
Zinc	ug/L	500	485	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748340 — 748341

Parameter	Units	92115725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	483	483	96	96	75-125	0	

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(828)254-7176

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QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748340 748341

Parameter	Units	92115725001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	ND	500	500	490	489	97	97	75-125	0	
Barium	ug/L	102	500	500	566	569	93	93	75-125	1	
Beryllium	ug/L	ND	500	500	496	501	99	100	75-125	1	
Cadmium	ug/L	ND	500	500	490	494	98	99	75-125	1	
Chromium	ug/L	ND	500	500	499	503	99	100	75-125	1	
Cobalt	ug/L	6.4J	500	500	491	495	97	98	75-125	1	
Copper	ug/L	ND	500	500	494	496	98	99	75-125	0	
Lead	ug/L	9.4J	500	500	488	490	96	96	75-125	0	
Nickel	ug/L	ND	500	500	483	486	96	97	75-125	1	
Selenium	ug/L	ND	500	500	485	486	96	96	75-125	0	
Silver	ug/L	ND	250	250	245	246	98	98	75-125	0	
Thallium	ug/L	ND	500	500	464	469	92	93	75-125	1	
Vanadium	ug/L	6.7J	500	500	497	499	98	98	75-125	0	
Zinc	ug/L	58.4	500	500	533	534	95	95	75-125	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 748342 748343

Parameter	Units	92115895003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	488	493	97	98	75-125	1	
Arsenic	ug/L	ND	500	500	490	499	98	99	75-125	2	
Barium	ug/L	54.4	500	500	520	521	93	93	75-125	0	
Beryllium	ug/L	ND	500	500	497	502	99	100	75-125	1	
Cadmium	ug/L	ND	500	500	487	493	97	99	75-125	1	
Chromium	ug/L	ND	500	500	494	499	99	100	75-125	1	
Cobalt	ug/L	9.6	500	500	490	494	96	97	75-125	1	
Copper	ug/L	ND	500	500	492	495	98	98	75-125	1	
Lead	ug/L	ND	500	500	473	480	95	96	75-125	1	
Nickel	ug/L	19.4	500	500	496	501	95	96	75-125	1	
Selenium	ug/L	ND	500	500	483	490	97	98	75-125	1	
Silver	ug/L	ND	250	250	244	247	98	99	75-125	1	
Thallium	ug/L	ND	500	500	461	471	92	94	75-125	2	
Vanadium	ug/L	ND	500	500	489	494	98	99	75-125	1	
Zinc	ug/L	ND	500	500	486	490	96	96	75-125	1	

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(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MPRP/10365 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92115613035, 92115613036, 92115613037, 92115613038

METHOD BLANK: 749878 | Matrix: Water
Associated Lab Samples: 92115613035, 92115613036, 92115613037, 92115613038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/16/12 21:50	
Arsenic	ug/L	ND	5.0	04/16/12 21:50	
Barium	ug/L	ND	5.0	04/16/12 21:50	
Beryllium	ug/L	ND	1.0	04/16/12 21:50	
Cadmium	ug/L	ND	1.0	04/16/12 21:50	
Chromium	ug/L	ND	5.0	04/16/12 21:50	
Cobalt	ug/L	ND	5.0	04/16/12 21:50	
Copper	ug/L	ND	5.0	04/16/12 21:50	
Lead	ug/L	ND	5.0	04/16/12 21:50	
Nickel	ug/L	ND	5.0	04/16/12 21:50	
Selenium	ug/L	ND	10.0	04/16/12 21:50	
Silver	ug/L	ND	5.0	04/16/12 21:50	
Thallium	ug/L	ND	5.4	04/16/12 21:50	
Vanadium	ug/L	ND	5.0	04/16/12 21:50	
Zinc	ug/L	ND	10.0	04/16/12 21:50	

LABORATORY CONTROL SAMPLE: 749879

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	522	104	80-120	
Arsenic	ug/L	500	522	104	80-120	
Barium	ug/L	500	528	106	80-120	
Beryllium	ug/L	500	532	106	80-120	
Cadmium	ug/L	500	536	107	80-120	
Chromium	ug/L	500	536	107	80-120	
Cobalt	ug/L	500	530	106	80-120	
Copper	ug/L	500	524	105	80-120	
Lead	ug/L	500	532	106	80-120	
Nickel	ug/L	500	528	106	80-120	
Selenium	ug/L	500	522	104	80-120	
Silver	ug/L	250	265	106	80-120	
Thallium	ug/L	500	495	99	80-120	
Vanadium	ug/L	500	532	106	80-120	
Zinc	ug/L	500	525	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749880 749881

Parameter	Units	92115909002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	488	487	98	97	75-125	0	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749880 749881

Parameter	Units	92115909002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	ND	500	500	500	495	100	99	75-125	1	
Barium	ug/L	19.2	500	500	496	493	95	95	75-125	1	
Beryllium	ug/L	ND	500	500	486	486	97	97	75-125	0	
Cadmium	ug/L	ND	500	500	484	484	97	97	75-125	0	
Chromium	ug/L	ND	500	500	483	483	97	97	75-125	0	
Cobalt	ug/L	ND	500	500	483	482	97	96	75-125	0	
Copper	ug/L	ND	500	500	500	497	100	99	75-125	1	
Lead	ug/L	ND	500	500	483	481	97	96	75-125	0	
Nickel	ug/L	ND	500	500	483	482	96	96	75-125	0	
Selenium	ug/L	ND	500	500	488	484	98	97	75-125	1	
Silver	ug/L	ND	250	250	243	243	97	97	75-125	0	
Thallium	ug/L	ND	500	500	453	459	91	92	75-125	1	
Vanadium	ug/L	ND	500	500	497	495	99	99	75-125	0	
Zinc	ug/L	27.7	500	500	500	500	94	94	75-125	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749882 749883

Parameter	Units	92115955001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Antimony	ug/L	ND	500	500	495	497	99	99	75-125	0	
Arsenic	ug/L	ND	500	500	512	523	102	104	75-125	2	
Barium	ug/L	86.8	500	500	559	564	94	95	75-125	1	
Beryllium	ug/L	ND	500	500	487	491	97	98	75-125	1	
Cadmium	ug/L	17.7	500	500	499	503	96	97	75-125	1	
Chromium	ug/L	ND	500	500	479	483	95	96	75-125	1	
Cobalt	ug/L	ND	500	500	478	482	95	96	75-125	1	
Copper	ug/L	ND	500	500	509	515	101	102	75-125	1	
Lead	ug/L	ND	500	500	486	492	97	98	75-125	1	
Nickel	ug/L	55.0	500	500	528	533	95	96	75-125	1	
Selenium	ug/L	ND	500	500	485	493	97	99	75-125	2	
Silver	ug/L	ND	250	250	247	248	99	99	75-125	0	
Thallium	ug/L	ND	500	500	456	469	91	94	75-125	3	
Vanadium	ug/L	ND	500	500	498	502	100	100	75-125	1	
Zinc	ug/L	406	500	500	897	895	98	98	75-125	0	

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2225 Riverside Dr.
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(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MSV/18716 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92115613001, 92115613002, 92115613003, 92115613004, 92115613005, 92115613006, 92115613007, 92115613008, 92115613009, 92115613010, 92115613012

METHOD BLANK: 746252 Matrix: Water
Associated Lab Samples: 92115613001, 92115613002, 92115613003, 92115613004, 92115613005, 92115613006, 92115613007, 92115613008, 92115613009, 92115613010, 92115613012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/06/12 14:59	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/06/12 14:59	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/06/12 14:59	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/06/12 14:59	
1,1-Dichloroethane	ug/L	ND	1.0	04/06/12 14:59	
1,1-Dichloroethene	ug/L	ND	1.0	04/06/12 14:59	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/06/12 14:59	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	04/06/12 14:59	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/06/12 14:59	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/06/12 14:59	
1,2-Dichloroethane	ug/L	ND	1.0	04/06/12 14:59	
1,2-Dichloropropane	ug/L	ND	1.0	04/06/12 14:59	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/06/12 14:59	
2-Butanone (MEK)	ug/L	ND	5.0	04/06/12 14:59	
2-Hexanone	ug/L	ND	5.0	04/06/12 14:59	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/06/12 14:59	
Acetone	ug/L	ND	25.0	04/06/12 14:59	
Acrylonitrile	ug/L	ND	10.0	04/06/12 14:59	
Benzene	ug/L	ND	1.0	04/06/12 14:59	
Bromochloromethane	ug/L	ND	1.0	04/06/12 14:59	
Bromodichloromethane	ug/L	ND	1.0	04/06/12 14:59	
Bromoform	ug/L	ND	1.0	04/06/12 14:59	
Bromomethane	ug/L	ND	2.0	04/06/12 14:59	
Carbon disulfide	ug/L	ND	2.0	04/06/12 14:59	
Carbon tetrachloride	ug/L	ND	1.0	04/06/12 14:59	
Chlorobenzene	ug/L	ND	1.0	04/06/12 14:59	
Chloroethane	ug/L	ND	1.0	04/06/12 14:59	
Chloroform	ug/L	ND	1.0	04/06/12 14:59	
Chloromethane	ug/L	ND	1.0	04/06/12 14:59	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/06/12 14:59	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/06/12 14:59	
Dibromochloromethane	ug/L	ND	1.0	04/06/12 14:59	
Dibromomethane	ug/L	ND	1.0	04/06/12 14:59	
Ethylbenzene	ug/L	ND	1.0	04/06/12 14:59	
Iodomethane	ug/L	ND	5.0	04/06/12 14:59	
m&p-Xylene	ug/L	ND	2.0	04/06/12 14:59	
Methylene Chloride	ug/L	ND	2.0	04/06/12 14:59	
o-Xylene	ug/L	ND	1.0	04/06/12 14:59	
Styrene	ug/L	ND	1.0	04/06/12 14:59	
Tetrachloroethene	ug/L	ND	1.0	04/06/12 14:59	
Toluene	ug/L	ND	1.0	04/06/12 14:59	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

METHOD BLANK: 746252 Matrix: Water

Associated Lab Samples: 92115613001, 92115613002, 92115613003, 92115613004, 92115613005, 92115613006, 92115613007, 92115613008, 92115613009, 92115613010, 92115613012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/06/12 14:59	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/06/12 14:59	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/06/12 14:59	
Trichloroethene	ug/L	ND	1.0	04/06/12 14:59	
Trichlorofluoromethane	ug/L	ND	1.0	04/06/12 14:59	
Vinyl acetate	ug/L	ND	2.0	04/06/12 14:59	
Vinyl chloride	ug/L	ND	1.0	04/06/12 14:59	
Xylene (Total)	ug/L	ND	2.0	04/06/12 14:59	
1,2-Dichloroethane-d4 (S)	%	111	70-130	04/06/12 14:59	
4-Bromofluorobenzene (S)	%	107	70-130	04/06/12 14:59	
Dibromofluoromethane (S)	%	103	70-130	04/06/12 14:59	
Toluene-d8 (S)	%	100	70-130	04/06/12 14:59	

LABORATORY CONTROL SAMPLE: 746253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.4	93	70-130	
1,1,1-Trichloroethane	ug/L	50	42.6	85	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	44.1	88	70-130	
1,1,2-Trichloroethane	ug/L	50	50.1	100	70-130	
1,1-Dichloroethane	ug/L	50	41.3	83	70-130	
1,1-Dichloroethene	ug/L	50	52.2	104	70-132	
1,2,3-Trichloropropane	ug/L	50	50.1	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	43.8	88	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	48.7	97	70-130	
1,2-Dichlorobenzene	ug/L	50	44.7	89	70-130	
1,2-Dichloroethane	ug/L	50	53.0	106	70-130	
1,2-Dichloropropane	ug/L	50	46.5	93	70-130	
1,4-Dichlorobenzene	ug/L	50	45.0	90	70-130	
2-Butanone (MEK)	ug/L	100	90.4	90	70-145	
2-Hexanone	ug/L	100	95.1	95	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.2	97	70-140	
Acetone	ug/L	100	59.9	60	50-175	F3
Acrylonitrile	ug/L	250	288	115	70-143	
Benzene	ug/L	50	47.4	95	70-130	
Bromochloromethane	ug/L	50	54.2	108	70-130	
Bromodichloromethane	ug/L	50	45.8	92	70-130	
Bromoform	ug/L	50	50.1	100	70-130	
Bromomethane	ug/L	50	64.5	129	54-130	
Carbon disulfide	ug/L	50	55.4	111	70-131	
Carbon tetrachloride	ug/L	50	48.6	97	70-132	
Chlorobenzene	ug/L	50	45.0	90	70-130	
Chloroethane	ug/L	50	53.3	107	64-134	
Chloroform	ug/L	50	52.7	105	70-130	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

LABORATORY CONTROL SAMPLE: 746253

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	41.5	83	64-130	
cis-1,2-Dichloroethene	ug/L	50	52.4	105	70-131	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Dibromochloromethane	ug/L	50	47.9	96	70-130	
Dibromomethane	ug/L	50	48.8	98	70-131	
Ethylbenzene	ug/L	50	45.3	91	70-130	
Iodomethane	ug/L	100	74.4	74	49-180	
m&p-Xylene	ug/L	100	90.7	91	70-130	
Methylene Chloride	ug/L	50	50.7	101	63-130	
o-Xylene	ug/L	50	44.7	89	70-130	
Styrene	ug/L	50	47.6	95	70-130	
Tetrachloroethene	ug/L	50	46.4	93	70-130	
Toluene	ug/L	50	45.2	90	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.6	87	70-130	
trans-1,3-Dichloropropene	ug/L	50	48.2	96	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	60.4	121	70-141	
Trichloroethene	ug/L	50	47.1	94	70-130	
Trichlorofluoromethane	ug/L	50	49.4	99	62-133	
Vinyl acetate	ug/L	100	97.4	97	66-157	
Vinyl chloride	ug/L	50	44.5	89	69-130	
Xylene (Total)	ug/L	150	135	90	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 746254 746255

Parameter	Units	92115613004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	77.9	71.0	156	142	70-166	9	
Benzene	ug/L	ND	50	50	57.2	52.6	114	105	70-148	8	
Chlorobenzene	ug/L	ND	50	50	54.3	49.4	109	99	70-146	9	
Toluene	ug/L	ND	50	50	55.1	50.5	110	101	70-155	9	
Trichloroethene	ug/L	ND	50	50	53.4	48.8	107	98	69-151	9	
1,2-Dichloroethane-d4 (S)	%						109	110	70-130		
4-Bromofluorobenzene (S)	%						102	101	70-130		
Dibromofluoromethane (S)	%						98	99	70-130		
Toluene-d8 (S)	%						99	100	70-130		

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(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MSV/18782 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92115613011, 92115613014, 92115613015, 92115613016, 92115613017, 92115613018, 92115613019, 92115613020, 92115613021, 92115613022, 92115613023, 92115613024, 92115613025

METHOD BLANK: 749007 Matrix: Water
Associated Lab Samples: 92115613011, 92115613014, 92115613015, 92115613016, 92115613017, 92115613018, 92115613019, 92115613020, 92115613021, 92115613022, 92115613023, 92115613024, 92115613025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/12/12 08:36	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/12/12 08:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/12/12 08:36	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/12/12 08:36	
1,1-Dichloroethane	ug/L	ND	1.0	04/12/12 08:36	
1,1-Dichloroethene	ug/L	ND	1.0	04/12/12 08:36	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/12/12 08:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	04/12/12 08:36	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/12/12 08:36	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/12/12 08:36	
1,2-Dichloroethane	ug/L	ND	1.0	04/12/12 08:36	
1,2-Dichloropropane	ug/L	ND	1.0	04/12/12 08:36	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/12/12 08:36	
2-Butanone (MEK)	ug/L	ND	5.0	04/12/12 08:36	
2-Hexanone	ug/L	ND	5.0	04/12/12 08:36	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/12/12 08:36	
Acetone	ug/L	ND	25.0	04/12/12 08:36	
Acrylonitrile	ug/L	ND	10.0	04/12/12 08:36	
Benzene	ug/L	ND	1.0	04/12/12 08:36	
Bromochloromethane	ug/L	ND	1.0	04/12/12 08:36	
Bromodichloromethane	ug/L	ND	1.0	04/12/12 08:36	
Bromoform	ug/L	ND	1.0	04/12/12 08:36	
Bromomethane	ug/L	ND	2.0	04/12/12 08:36	
Carbon disulfide	ug/L	ND	2.0	04/12/12 08:36	
Carbon tetrachloride	ug/L	ND	1.0	04/12/12 08:36	
Chlorobenzene	ug/L	ND	1.0	04/12/12 08:36	
Chloroethane	ug/L	ND	1.0	04/12/12 08:36	
Chloroform	ug/L	ND	1.0	04/12/12 08:36	
Chloromethane	ug/L	ND	1.0	04/12/12 08:36	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/12/12 08:36	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/12/12 08:36	
Dibromochloromethane	ug/L	ND	1.0	04/12/12 08:36	
Dibromomethane	ug/L	ND	1.0	04/12/12 08:36	
Ethylbenzene	ug/L	ND	1.0	04/12/12 08:36	
Iodomethane	ug/L	ND	5.0	04/12/12 08:36	
m&p-Xylene	ug/L	ND	2.0	04/12/12 08:36	
Methylene Chloride	ug/L	ND	2.0	04/12/12 08:36	
o-Xylene	ug/L	ND	1.0	04/12/12 08:36	
Styrene	ug/L	ND	1.0	04/12/12 08:36	
Tetrachloroethene	ug/L	ND	1.0	04/12/12 08:36	
Toluene	ug/L	ND	1.0	04/12/12 08:36	

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(336)623-8921

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

METHOD BLANK: 749007 Matrix: Water

Associated Lab Samples: 92115613011, 92115613014, 92115613015, 92115613016, 92115613017, 92115613018, 92115613019, 92115613020, 92115613021, 92115613022, 92115613023, 92115613024, 92115613025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/12/12 08:36	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/12/12 08:36	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/12/12 08:36	
Trichloroethene	ug/L	ND	1.0	04/12/12 08:36	
Trichlorofluoromethane	ug/L	ND	1.0	04/12/12 08:36	
Vinyl acetate	ug/L	ND	2.0	04/12/12 08:36	
Vinyl chloride	ug/L	ND	1.0	04/12/12 08:36	
Xylene (Total)	ug/L	ND	2.0	04/12/12 08:36	
1,2-Dichloroethane-d4 (S)	%	111	70-130	04/12/12 08:36	
4-Bromofluorobenzene (S)	%	101	70-130	04/12/12 08:36	
Dibromofluoromethane (S)	%	109	70-130	04/12/12 08:36	
Toluene-d8 (S)	%	101	70-130	04/12/12 08:36	

LABORATORY CONTROL SAMPLE: 749008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.6	99	70-130	
1,1,1-Trichloroethane	ug/L	50	48.9	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.1	102	70-130	
1,1,2-Trichloroethane	ug/L	50	50.4	101	70-130	
1,1-Dichloroethane	ug/L	50	48.6	97	70-130	
1,1-Dichloroethene	ug/L	50	55.7	111	70-132	
1,2,3-Trichloropropane	ug/L	50	50.0	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.1	104	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.0	104	70-130	
1,2-Dichlorobenzene	ug/L	50	50.1	100	70-130	
1,2-Dichloroethane	ug/L	50	52.6	105	70-130	
1,2-Dichloropropane	ug/L	50	50.8	102	70-130	
1,4-Dichlorobenzene	ug/L	50	50.4	101	70-130	
2-Butanone (MEK)	ug/L	100	98.2	98	70-145	
2-Hexanone	ug/L	100	97.7	98	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	95.1	95	70-140	
Acetone	ug/L	100	103	103	50-175	
Acrylonitrile	ug/L	250	260	104	70-143	
Benzene	ug/L	50	48.6	97	70-130	
Bromochloromethane	ug/L	50	48.6	97	70-130	
Bromodichloromethane	ug/L	50	48.2	96	70-130	
Bromoform	ug/L	50	48.6	97	70-130	
Bromomethane	ug/L	50	61.7	123	54-130	F3
Carbon disulfide	ug/L	50	56.4	113	70-131	
Carbon tetrachloride	ug/L	50	47.4	95	70-132	
Chlorobenzene	ug/L	50	48.6	97	70-130	
Chloroethane	ug/L	50	72.1	144	64-134	L3
Chloroform	ug/L	50	51.9	104	70-130	

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

LABORATORY CONTROL SAMPLE: 749008

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	34.9	70	64-130	
cis-1,2-Dichloroethene	ug/L	50	49.4	99	70-131	
cis-1,3-Dichloropropene	ug/L	50	47.2	94	70-130	
Dibromochloromethane	ug/L	50	50.7	101	70-130	
Dibromomethane	ug/L	50	49.1	98	70-131	
Ethylbenzene	ug/L	50	46.9	94	70-130	
Iodomethane	ug/L	100	70.7	71	49-180	
m&p-Xylene	ug/L	100	94.7	95	70-130	
Methylene Chloride	ug/L	50	55.1	110	63-130	
o-Xylene	ug/L	50	46.4	93	70-130	
Styrene	ug/L	50	48.4	97	70-130	
Tetrachloroethene	ug/L	50	48.4	97	70-130	
Toluene	ug/L	50	46.2	92	70-130	
trans-1,2-Dichloroethene	ug/L	50	48.8	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.6	95	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	37.8	76	70-141	
Trichloroethene	ug/L	50	50.3	101	70-130	
Trichlorofluoromethane	ug/L	50	63.9	128	62-133	
Vinyl chloride	ug/L	50	49.7	99	69-130	
Xylene (Total)	ug/L	150	141	94	70-130	
1,2-Dichloroethane-d4 (S)	%			107	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			106	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749009 749010

Parameter	Units	92115613014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	70.7	73.4	141	147	70-166	4	
Benzene	ug/L	ND	50	50	52.3	57.8	105	116	70-148	10	
Chlorobenzene	ug/L	ND	50	50	51.7	55.7	103	111	70-146	7	
Toluene	ug/L	ND	50	50	50.6	56.0	101	112	70-155	10	
Trichloroethene	ug/L	ND	50	50	50.3	54.4	101	109	69-151	8	
1,2-Dichloroethane-d4 (S)	%						111	109	70-130		
4-Bromofluorobenzene (S)	%						100	100	70-130		
Dibromofluoromethane (S)	%						109	108	70-130		
Toluene-d8 (S)	%						100	101	70-130		

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(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

QC Batch: MSV/18792 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92115613026, 92115613027, 92115613028, 92115613029, 92115613030, 92115613031, 92115613032, 92115613033, 92115613034, 92115613035, 92115613036, 92115613037, 92115613038

METHOD BLANK: 749561 Matrix: Water
Associated Lab Samples: 92115613026, 92115613027, 92115613028, 92115613029, 92115613030, 92115613031, 92115613032, 92115613033, 92115613034, 92115613035, 92115613036, 92115613037, 92115613038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/13/12 16:25	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/13/12 16:25	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/13/12 16:25	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/13/12 16:25	
1,1-Dichloroethane	ug/L	ND	1.0	04/13/12 16:25	
1,1-Dichloroethene	ug/L	ND	1.0	04/13/12 16:25	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/13/12 16:25	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	04/13/12 16:25	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/13/12 16:25	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/13/12 16:25	
1,2-Dichloroethane	ug/L	ND	1.0	04/13/12 16:25	
1,2-Dichloropropane	ug/L	ND	1.0	04/13/12 16:25	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/13/12 16:25	
2-Butanone (MEK)	ug/L	ND	5.0	04/13/12 16:25	
2-Hexanone	ug/L	ND	5.0	04/13/12 16:25	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/13/12 16:25	
Acetone	ug/L	ND	25.0	04/13/12 16:25	
Acrylonitrile	ug/L	ND	10.0	04/13/12 16:25	
Benzene	ug/L	ND	1.0	04/13/12 16:25	
Bromochloromethane	ug/L	ND	1.0	04/13/12 16:25	
Bromodichloromethane	ug/L	ND	1.0	04/13/12 16:25	
Bromoform	ug/L	ND	1.0	04/13/12 16:25	
Bromomethane	ug/L	ND	2.0	04/13/12 16:25	
Carbon disulfide	ug/L	ND	2.0	04/13/12 16:25	
Carbon tetrachloride	ug/L	ND	1.0	04/13/12 16:25	
Chlorobenzene	ug/L	ND	1.0	04/13/12 16:25	
Chloroethane	ug/L	ND	1.0	04/13/12 16:25	
Chloroform	ug/L	ND	1.0	04/13/12 16:25	
Chloromethane	ug/L	ND	1.0	04/13/12 16:25	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/13/12 16:25	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/13/12 16:25	
Dibromochloromethane	ug/L	ND	1.0	04/13/12 16:25	
Dibromomethane	ug/L	ND	1.0	04/13/12 16:25	
Ethylbenzene	ug/L	ND	1.0	04/13/12 16:25	
Iodomethane	ug/L	ND	5.0	04/13/12 16:25	
m&p-Xylene	ug/L	ND	2.0	04/13/12 16:25	
Methylene Chloride	ug/L	ND	2.0	04/13/12 16:25	
o-Xylene	ug/L	ND	1.0	04/13/12 16:25	
Styrene	ug/L	ND	1.0	04/13/12 16:25	
Tetrachloroethene	ug/L	ND	1.0	04/13/12 16:25	
Toluene	ug/L	ND	1.0	04/13/12 16:25	

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Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

METHOD BLANK: 749561 Matrix: Water

Associated Lab Samples: 92115613026, 92115613027, 92115613028, 92115613029, 92115613030, 92115613031, 92115613032, 92115613033, 92115613034, 92115613035, 92115613036, 92115613037, 92115613038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/13/12 16:25	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/13/12 16:25	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/13/12 16:25	
Trichloroethene	ug/L	ND	1.0	04/13/12 16:25	
Trichlorofluoromethane	ug/L	ND	1.0	04/13/12 16:25	
Vinyl acetate	ug/L	ND	2.0	04/13/12 16:25	
Vinyl chloride	ug/L	ND	1.0	04/13/12 16:25	
Xylene (Total)	ug/L	ND	2.0	04/13/12 16:25	
1,2-Dichloroethane-d4 (S)	%	107	70-130	04/13/12 16:25	
4-Bromofluorobenzene (S)	%	108	70-130	04/13/12 16:25	
Dibromofluoromethane (S)	%	104	70-130	04/13/12 16:25	
Toluene-d8 (S)	%	101	70-130	04/13/12 16:25	

LABORATORY CONTROL SAMPLE: 749562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,1-Trichloroethane	ug/L	50	49.5	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	46.7	93	70-130	
1,1,2-Trichloroethane	ug/L	50	49.3	99	70-130	
1,1-Dichloroethane	ug/L	50	47.9	96	70-130	
1,1-Dichloroethene	ug/L	50	52.6	105	70-132	
1,2,3-Trichloropropane	ug/L	50	48.4	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.2	92	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.4	99	70-130	
1,2-Dichlorobenzene	ug/L	50	48.4	97	70-130	
1,2-Dichloroethane	ug/L	50	48.9	98	70-130	
1,2-Dichloropropane	ug/L	50	51.4	103	70-130	
1,4-Dichlorobenzene	ug/L	50	48.8	98	70-130	
2-Butanone (MEK)	ug/L	100	98.0	98	70-145	
2-Hexanone	ug/L	100	95.9	96	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.3	98	70-140	
Acetone	ug/L	100	85.2	85	50-175	
Acrylonitrile	ug/L	250	250	100	70-143	
Benzene	ug/L	50	50.3	101	70-130	
Bromochloromethane	ug/L	50	56.2	112	70-130	
Bromodichloromethane	ug/L	50	50.0	100	70-130	
Bromoform	ug/L	50	53.4	107	70-130	
Bromomethane	ug/L	50	68.3	137	54-130	F3,L3
Carbon disulfide	ug/L	50	56.4	113	70-131	
Carbon tetrachloride	ug/L	50	53.3	107	70-132	
Chlorobenzene	ug/L	50	48.9	98	70-130	
Chloroethane	ug/L	50	46.1	92	64-134	
Chloroform	ug/L	50	50.9	102	70-130	

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Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

LABORATORY CONTROL SAMPLE: 749562

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	50.5	101	64-130	
cis-1,2-Dichloroethene	ug/L	50	47.5	95	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.6	103	70-130	
Dibromochloromethane	ug/L	50	51.4	103	70-130	
Dibromomethane	ug/L	50	50.5	101	70-131	
Ethylbenzene	ug/L	50	48.2	96	70-130	
Iodomethane	ug/L	100	83.3	83	49-180	
m&p-Xylene	ug/L	100	97.6	98	70-130	
Methylene Chloride	ug/L	50	53.9	108	63-130	
o-Xylene	ug/L	50	47.6	95	70-130	
Styrene	ug/L	50	49.4	99	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-130	
Toluene	ug/L	50	48.8	98	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.4	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.3	105	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	49.1	98	70-141	
Trichloroethene	ug/L	50	54.5	109	70-130	
Trichlorofluoromethane	ug/L	50	53.8	108	62-133	
Vinyl chloride	ug/L	50	55.0	110	69-130	
Xylene (Total)	ug/L	150	145	97	70-130	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 749563 749564

Parameter	Units	92115613038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	64.4	65.9	129	132	70-166	2	
Benzene	ug/L	ND	50	50	58.1	59.6	116	119	70-148	2	
Chlorobenzene	ug/L	ND	50	50	55.3	56.1	111	112	70-146	2	
Toluene	ug/L	ND	50	50	55.6	56.8	111	114	70-155	2	
Trichloroethene	ug/L	ND	50	50	58.8	60.4	118	121	69-151	3	
1,2-Dichloroethane-d4 (S)	%						100	102	70-130		
4-Bromofluorobenzene (S)	%						106	106	70-130		
Dibromofluoromethane (S)	%						100	101	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

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TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92115613001	**11-07 SW-1**		FLD/		
92115613002	**11-07 SW-2**		FLD/		
92115613003	**11-07 SW-3**		FLD/		
92115613004	**11-07 SW-4**		FLD/		
92115613005	**11-07 SW-5**		FLD/		
92115613006	**11-07 LEACHATE**		FLD/		
92115613007	**11-07 LD-1**		FLD/		
92115613008	**11-07 LD-2**		FLD/		
92115613009	**11-07 LD-3**		FLD/		
92115613010	**11-07 LD-4**		FLD/		
92115613011	**11-07 LD-5**		FLD/		
92115613012	**11-07 LD-6**		FLD/		
92115613014	**11-07 MW-1**		FLD/		
92115613015	**11-07 MW-1D**		FLD/		
92115613016	**11-07 MW-2**		FLD/		
92115613017	**11-07 MW-2D**		FLD/		
92115613018	**11-07 MW-3**		FLD/		
92115613019	**11-07 MW-6**		FLD/		
92115613020	**11-07 MW-7**		FLD/		
92115613021	**11-07 MW-10**		FLD/		
92115613022	**11-07 MW-10D**		FLD/		
92115613023	**11-07 MW-4**		FLD/		
92115613024	**11-07 MW-4D**		FLD/		
92115613025	**11-07 MW-5**		FLD/		
92115613026	**11-07 MW-5D**		FLD/		
92115613027	**11-07 MW-12**		FLD/		
92115613028	**11-07 MW-12D**		FLD/		
92115613029	**11-07 MW-13**		FLD/		
92115613030	**11-07 MW-13D**		FLD/		
92115613031	**11-07 MW-14**		FLD/		
92115613032	**11-07 MW-14D**		FLD/		
92115613035	**11-07 MW-8**		FLD/		
92115613036	**11-07 MW-8D**		FLD/		
92115613037	**11-07 MW-11**		FLD/		
92115613038	**11-07 MW-11D**		FLD/		
92115613013	**11-07 LEACHATE LD DRY**		FLD/		
92115613001	**11-07 SW-1**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613002	**11-07 SW-2**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613003	**11-07 SW-3**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613004	**11-07 SW-4**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613005	**11-07 SW-5**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613006	**11-07 LEACHATE**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613007	**11-07 LD-1**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613008	**11-07 LD-2**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613009	**11-07 LD-3**	EPA 3010	MPRP/10334	EPA 6010	ICP/9522
92115613010	**11-07 LD-4**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613011	**11-07 LD-5**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613012	**11-07 LD-6**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530

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(336)623-8921

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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92115613014	**11-07 MW-1**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613015	**11-07 MW-1D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613016	**11-07 MW-2**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613017	**11-07 MW-2D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613018	**11-07 MW-3**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613019	**11-07 MW-6**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613020	**11-07 MW-7**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613021	**11-07 MW-10**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613022	**11-07 MW-10D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613023	**11-07 MW-4**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613024	**11-07 MW-4D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613025	**11-07 MW-5**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613026	**11-07 MW-5D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613027	**11-07 MW-12**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613028	**11-07 MW-12D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613029	**11-07 MW-13**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613030	**11-07 MW-13D**	EPA 3010	MPRP/10344	EPA 6010	ICP/9530
92115613031	**11-07 MW-14**	EPA 3010	MPRP/10345	EPA 6010	ICP/9533
92115613032	**11-07 MW-14D**	EPA 3010	MPRP/10345	EPA 6010	ICP/9533
92115613034	**11-07 EQUIP BLANK**	EPA 3010	MPRP/10345	EPA 6010	ICP/9533
92115613035	**11-07 MW-8**	EPA 3010	MPRP/10365	EPA 6010	ICP/9547
92115613036	**11-07 MW-8D**	EPA 3010	MPRP/10365	EPA 6010	ICP/9547
92115613037	**11-07 MW-11**	EPA 3010	MPRP/10365	EPA 6010	ICP/9547
92115613038	**11-07 MW-11D**	EPA 3010	MPRP/10365	EPA 6010	ICP/9547
92115613001	**11-07 SW-1**	EPA 8260	MSV/18716		
92115613002	**11-07 SW-2**	EPA 8260	MSV/18716		
92115613003	**11-07 SW-3**	EPA 8260	MSV/18716		
92115613004	**11-07 SW-4**	EPA 8260	MSV/18716		
92115613005	**11-07 SW-5**	EPA 8260	MSV/18716		
92115613006	**11-07 LEACHATE**	EPA 8260	MSV/18716		
92115613007	**11-07 LD-1**	EPA 8260	MSV/18716		
92115613008	**11-07 LD-2**	EPA 8260	MSV/18716		
92115613009	**11-07 LD-3**	EPA 8260	MSV/18716		
92115613010	**11-07 LD-4**	EPA 8260	MSV/18716		
92115613011	**11-07 LD-5**	EPA 8260	MSV/18782		
92115613012	**11-07 LD-6**	EPA 8260	MSV/18716		
92115613014	**11-07 MW-1**	EPA 8260	MSV/18782		
92115613015	**11-07 MW-1D**	EPA 8260	MSV/18782		
92115613016	**11-07 MW-2**	EPA 8260	MSV/18782		
92115613017	**11-07 MW-2D**	EPA 8260	MSV/18782		
92115613018	**11-07 MW-3**	EPA 8260	MSV/18782		
92115613019	**11-07 MW-6**	EPA 8260	MSV/18782		
92115613020	**11-07 MW-7**	EPA 8260	MSV/18782		
92115613021	**11-07 MW-10**	EPA 8260	MSV/18782		
92115613022	**11-07 MW-10D**	EPA 8260	MSV/18782		
92115613023	**11-07 MW-4**	EPA 8260	MSV/18782		

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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co LF NEW SPRING 2012
Pace Project No.: 92115613

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92115613024	**11-07 MW-4D**	EPA 8260	MSV/18782		
92115613025	**11-07 MW-5**	EPA 8260	MSV/18782		
92115613026	**11-07 MW-5D**	EPA 8260	MSV/18792		
92115613027	**11-07 MW-12**	EPA 8260	MSV/18792		
92115613028	**11-07 MW-12D**	EPA 8260	MSV/18792		
92115613029	**11-07 MW-13**	EPA 8260	MSV/18792		
92115613030	**11-07 MW-13D**	EPA 8260	MSV/18792		
92115613031	**11-07 MW-14**	EPA 8260	MSV/18792		
92115613032	**11-07 MW-14D**	EPA 8260	MSV/18792		
92115613033	**11-07 TRAVEL BLANK**	EPA 8260	MSV/18792		
92115613034	**11-07 EQUIP BLANK**	EPA 8260	MSV/18792		
92115613035	**11-07 MW-8**	EPA 8260	MSV/18792		
92115613036	**11-07 MW-8D**	EPA 8260	MSV/18792		
92115613037	**11-07 MW-11**	EPA 8260	MSV/18792		
92115613038	**11-07 MW-11D**	EPA 8260	MSV/18792		

This report shall not be reproduced, except in full,
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Pace Analytical Services, Inc.
Report Form
for
Buncombe County Solid Waste Field Monitoring

New LF SWB & LDS

Facility Permit #	Waste Unit #	Sample ID	Sampler(s)	Date of Sampling	Time of Sampling	~~Water Level Depth (Ft.)~~	Temperature (degrees C)	pH (units)	Specific Conductance (uhmos)	Turbidity (NTU)
		SW-1	MLS	4-3-12	1350		19.2	6.9	137	5.02
		SW-2			1420		16.6	8.4	141	8.40
		SW-3			1515		29.6	9.2	173	7.19
		SW-4			1600		20.5	7.8	266	11.0
		SW-5			1455		17.3	8.2	663	2.2
		Leachate			1635		24.2	8.4	2992	21.9
		LD-1			1530		20.3	5.1	226	5.68
		LD-2			1655		17.4	5.8	373	2.21
		LD-3			1715		19.2	6.4	550	19.0
		LD-4			1735		19.6	2.2	1484	15.7
		LD-5			1620		18.3	~~6.2~~ 6.2	707	20.1
		LD-6			1755		18.4	~~7~~ 6.5	663	17.8
		Leachate LD			1645	DRY	DRY	DRY	—	

Recommended Field Data Template for NC DENR EDD Reporting

Pace Analytical Services, Inc.
Report Form
for
Buncombe County Solid Waste Field Monitoring

New LF MW's

Facility Permit #	Waste Unit #	Sample ID	Sampler(s)	Date of Sampling	Time of Sampling	Water Level Depth (Ft.)	Temperature (degrees C)	pH (units)	Specific Conductance (uhmos)	Turbidity (NTU)
✓	~~LFD~~ DO	MW-1 ✓	MCS	4-4	1200	71.31	15.1	6.5	169	16.4
✓	DO - 6.5 ✓	MW-1D ✓		4-4	1210	73.42	15.6	7.9	243	54.4
		MW-2		4-4	1040	8.79	12.5	6.0	167	10.48
		MW-2D		4-4	1045	8.31	11.6	6.8	248	1.77
		MW-3		4-4	1320	31.91	15.9	6.0	277	55.7
		MW-4	TRW	4.5	1430	13.09	14.0	6.0	189	3.20
		MW-4D	TRW	4.5	1445	13.45	14.2	6.2	259	18.6
		MW-5	TRW	4.5	1340	34.75	16.9	6.2	115	4.84
		MW-5D	TRW	4.5	1345	36.67	16.0	6.2	196	3.20
		MW-6		4-4	1300	27.04	16.4	6.0	149	10.53
		MW-7		4-4	1250	47.84	16.4	6.2	719	6.42
	~~DO~~	MW-8		4-6	1110	35.36	13.6	6.7	278	11.0
	DO	MW-8D		4-6	1120	34.34	14.2	6.5	316	2.42

Recommended Field Data Template for NC DENR EDD Reporting

Pace Analytical Services, Inc.
Report Form
for
Buncombe County Solid Waste Field Monitoring

New LF MWs

Facility Permit #	~~Waste Unit~~ # CAD DO	Sample ID	Sampler(s)	Date of Sampling	Time of Sampling	Water Level Depth (Ft.)	Temperature (degrees C)	pH (units)	Specific Conductance (uhmos)	Turbidity (NTU)
		MW-10	MOJ	4-4	1120	69.88	15.2	6.1	308	4.53
		MW-10D		4-4	1130	70.33	16.0	6.6	258	4.19
		MW-11		4-6	1030	32.26	14.0	6.8	363	1.84
		MW 11D		4-6	1045	32.82	14.1	6.6	347	2.80
✓	DO - 3.90	MW-12 ✓	RW	4-5	1520	12.08	13.2	6.0	564	3.88
✓	DO - 3.11	MW-12D ✓		4.5	1535	11.24	13.2	6.6	326	14.7
		MW-13		4-5	1410	5.54	15.4	6.5	396	14.9
		MW-13D		4-5	1415	7.13	14.3	6.0	357	9.55
✓	DO - 5.56	MW-14 ✓		4-5	1500	31.73	14.8	6.1	212	41.0
✓	DO - 8.71	MW-14D ✓		4.5	1510	31.81	13.8	6.9	281	1.51

Recommended Field Data Template for NC DENR EDD Reporting

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

1539332

Section A Required Client Information:

Company: Burcombe

Address:

Email To:

Phone: Fax:

Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton

Copy To:

Purchase Order No.:

Project Name: New LF SW's

Project Number:

Section C Invoice Information:

Attention:

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): Analysis Test: 8260 Top 15 Voc; Age I VOAS; Metals

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 Top 15 Voc	Age I VOAS	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92115613
1	SW-1					4-2-12	1350		4			1	3					X	X	X		92115613001
2	SW-2						1420		4			1	3					X	X	X		92115613002
3	SW-3						1515		4			1	3					X	X	X		92115613003
4	SW-4						1600		4			1	3					X	X	X		92115613004
5	SW-5						1455		4			1	3					X	X	X		92115613005
6	Leachate						1635		4			1	3					X	X	X		92115613006
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4-2-12	1830	[signature]	4-2-12	1830				
	[signature]	4-2-12	1845	[signature]	4/3/12	10:10	2.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-2-12

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

1539333

Section A Required Client Information:

Company: Buncombe
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: Leak Doctors New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH Trypsive Tab	WDC	Mech II	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92115613
1	LD-1					4-2-12	1550		4			1	3					X	X	X		92115613007
2	LD-2						1655		4			1	3					X	X	X		92115613008
3	LD-3						1715		4			1	3					X	X	X		92115613009
4	LD-4						1735		4			1	3					X	X	X		92115613010
5	LD-5						1620		4			1	3					X	X	X		92115613011
6	LD-6						1755		4			1	3					X	X	X		92115613012
7	Leachate LD DRY						1645		4			1	3						DRY	DRY		92115613013
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-2-12	1830	Mark Swann Pace	4-2-12	1830				
	Mark Swann Pace	4-2-12	1745	[signature]	4/3/12	10:10	2.9	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWANN

SIGNATURE of SAMPLER: Mark Swann Pace DATE Signed (MM/DD/YY): 4-2-12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 19, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.07	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS Buncombe Project # 92115613

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Circle Thermometer Used: IR Gun#2 -80344039 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun Back Up- 111565135

Temp Correction Factor: Add/Subtract 0.2 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 4/3/12

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☐No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: TM **Date:** 5/4 **SRF Review:** TM **Date:** 4/6/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

1539278

Section A Required Client Information:

Company: Buncombe / SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: Bunc New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N): All Target Analyte Tests; Static H2O; Acro I VOA; Acro Fractis

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	All Target Analyte Tests	Static H2O	Acro I VOA	Acro Fractis	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92115613
1	MW-1					4-4-12	1200		4			1	3											-014
2	MW-1D						1210		4			1	3											-015
3	MW-2						1040		4			1	3											-016
4	MW-2D						1045		4			1	3											-017
5	MW-3						1320		4			1	3											-018
6	MW-6						1300		4			1	3											-019
7	MW-7						1250		4			1	3											-020
8	MW-10						1120		4			1	3											-021
9	MW-10D						1130		4			1	3											-022
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		4-4-12	1330	[signature] Pace	4-4-12	1330	
	[signature] Pace	4-4-12	1330				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. DUGAN

SIGNATURE of SAMPLER: [signature] Pace DATE Signed (MM/DD/YY): 4-4-12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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1560050

Section A Required Client Information:

Company: Duke Co/SCS	
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	Ed Hilton
Copy To:	
Purchase Order No.:	
Project Name:	MW's New LF
Project Number:	

Section C Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH Trip Blank	Specific Cond	Static H_2O	Acid IVOA	Acid MOA Methanol	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92115615
1	MW-4					4-5-12	1430		4			1	3					Y	X	X	Y			-0023
2	MW-4D					4-5	1445		4			1	3					X	X	X	X			-0024
3	MW-5					4-5	1340		4			1	3					Y	X	X	X			-0025
4	MW-5D					4-5	1345		4			1	3					X	X	X	X			-0026
5	~~MW-8~~																							
6	~~MW-8D~~																							
7	~~MW-11~~																							
8	~~MW-11D~~																							
9	MW-12						1520		4			1	3					X	X	X	X			-0027
10	MW-12D						1535		4			1	3					X	X	X	X			-0028
11	MW-13						1410		4			1	3					X	X		X			-0029
12	MW-13D						1415		4			1	3					X	X	X	X			-0030

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		4-5-12	1545	Mark Swan / Pace	4-5-12	1545	
	Mark Swan / Pace	4-5-12	1600				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK A. SWAN

SIGNATURE of SAMPLER: Mark Swan / Pace — DATE Signed (MM/DD/YY): 4-5-12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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1539279

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Bunc/SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: New LF	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH Top Sieve Tests	Static H_2O	VOA	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-14					4-5	1500		4			1	3					Y	X	X	X		-031
2	MW-140					4-5	1510		4			1	3					X	X	X	X		-032
3																							
4	TVC BLK					4-2-12			2				2							X			-034
5	EQUIP BLK					4-4-12			3			1	2							X	X		-035
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		4-5-12	1545	[signature]	4-5-12	1545	
	[signature]	4-5-12	1600				

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MACK L. SWAGER

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY):

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1560049

Section A Required Client Information:

Company: BWC & Scs
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: New LF MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER _____

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH Tap Water Test	Static H_2O	Appx I VOCs	Methyl	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9211 5613
1	MW-8					4-6-12	1110		4			1	3					X	X	X	X		9211 5613 035
2	MW-8D						1120		4			1	3					X	X	X	X		9211 5613 036
3	MW-11						1030		4			1	3					X	X	X	X		9211 5613 037
4	MW-11D						1045		4			1	3					X	X	X	X		9211 5613 038
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-6-12	1200	[signature] BWC	4-6-12	1200				
	[signature] BWC	4-6-12	1230	[signature]	4/6/12	12:30	3.6	Y	on	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK D. SWANN

SIGNATURE of SAMPLER: [signature] BWC

DATE Signed (MM/DD/YY): 4-6-12

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: October 19, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.07	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS Project # 921156 13

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier (Circle): Fed Ex UPS USPS Client Commercial (Pace) Other_____

Optional
Proj. Due Date:
Proj. Name:

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☑ Bubble Wrap ☐ Bubble Bags ☐ None ☐ Other_____

Circle Thermometer Used: ~~IR Gun#2 -80344039~~ **Type of Ice:** (Wet) Blue None ☐ Samples on ice, cooling process has begun

IR Gun Back Up- 111565135

Temp Correction Factor: Add / (Subtract) 0.2 C

Corrected Cooler Temp.: 3.6 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 4/6/12

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☑Yes ☐No ☐N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	C
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes ☑No	Initial when completed
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: TM **Date:** 4/6/12 **SRF Review:** TM **Date:** 4/6/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)