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	October 5-6, 2011

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. — Facility Representative Name (Print)

Vice President — Title

813-621-0080 — (Area Code) Telephone Number

C. Edward Hilton Jr — Signature

01/16/2012 — 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

FALL 2011 STATISTICAL ANALYSIS

NEW BUNCOMBE COUNTY LANDFILL PERMIT # 11-07

Constituents detected during the Fall 2011 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 arsenic and thallium at compliance well MW-7. North Carolina Department of Environment and Natural Resources (NCDENR's) groundwater quality standard were also exceeded for arsenic and thallium at MW-7.

Detections at compliance wells MW-1 (vanadium), MW-13 (cobalt), MW-13D (cobalt), MW-14 (vanadium), MW-1D (vanadium), MW-2 (cobalt and vanadium), MW-3 (cobalt and vanadium), MW-4 (vanadium), MW-4D (vanadium), MW-7 (vanadium), and MW-8 (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.

WELL CONDITION SUMMARY

Site: BUNCOMBE CO NEW LANDFILL

Personnel: MPS

Date: 10-2011

Page 1 of 5

92103895

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-1	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	ROAD to 1 & 1D needs to be cut wider
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER DRY	DRY @ 8.00 HRS
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☐ Yes ☐ No	TFE BAILER	DOESN'T DRAW DOWN FAR
MW-3	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	PURGES DRY LET recharge OVERNIGHT
MW-4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	DOESN'T DRAW DOWN FAR

*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

MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	

*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

WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MPS

Date: 10-2011

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	TFE BAILER	Needs better LABEL (More visible)
MW-8	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER Ors 1 gal	CAP will not completely close Bees inside Need weed eating Better ACCESS ACROSS Ditch
MW-8D	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	PUMP TFE BAILER	CAP will not close completely – Bees Needs Better Ditch crossing
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	purges Ors 8.00 gal
MW-11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	

*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

	d	d				
MW-12	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☐ Yes ~~☑ No~~	TFE BAILER	WILL NOT CLEAR UP COMPLETELY STAYS TURBID
MW-12D	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	WILL NOT CLEAR UP COMPLETELY STAYS TURBID
MW-13	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ 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

WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MPJ

Date: 10-2011

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	TFE BAILER	DOESN'T DRAW DOWN FAR
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER ~~GOES D~~	GOES DRY 18 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 ☐ Damage	☐ OK ☐ Damage	☐ 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

Pace Analytical Services, Inc.
Report Form
for
Buncombe County Solid Waste Field Monitoring

New LF SW's 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	MDS	10-3-11	1105		DRY			
		SW-2			1115		9.9	7.3	127	3.77
		SW-3			1245		DRY			
		SW-4			1430		12.6	7.1	216	49.2
		SW-5			1200		11.8	7.7	508	2.23
		Leachate			1510		18.0	8.1	3237	41.5
		LD								
		1			1250		15.7	5.1	143	1.34
		2			1530		16.2	6.5	333	1.64
		3			1320		16.6	5.9	433	42.3
		4			1345		16.8	6.0	270	3.25
		5			1450		18.5	6.1	314	22.3
		6			1400		16.8	6.3	601	8.01
		Leachate LD			1505		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)	Turbidit (NTU)
		MW-1	MBS	10-6	1100	71.02	~~14.5~~ 14.5	6.6	146	21.0
		MW-1D		10-6	1115	73.12	14.6	7.6	276	59.4
		MW-2		10-5	1030	9.02	14.9	6.1	171	5.99
		MW-2D		10-5	1045	8.37	14.8	6.6	230	1.23
		MW-3		10-5	1140	32.66	14.9	6.1	202	549
		MW-4		10-5	1200	14.21	15.8	6.3	205	2.93
	4D	MW-~~4D~~		10-5	1215	14.26	16.1	6.4	256	23.4
	5	MW-~~5~~		10-5	1300	35.77	15.4	6.5	193	4.08
		MW-5D		10-5	1310	37.88	15.4	6.5	187	2.55
		MW-6		10-5	1320	28.29	14.9	6.2	141	4.33
		MW-7		10-5	1335	48.45	15.8	6.3	700	9.25
		MW-8		~~10-5~~	1430	35.81	16.1	6.3	264	31.0
		MW-8D		~~10~~	1440	34.71	15.4	5.7	301	1.12
		MW-10		10-5	1100	71.30	14.5	6.4	283	3.57
		MW-10D		10-5	1110	71.87	14.8	6.6	237	5.06
		MW-11		10-5	1345	33.61	15.0	6.9	336	2.17
		MW-11D		10-5	1355	34.29	14.9	6.6	346	1.53

Pace Analytical Services, Inc.
Report Form
for
Buncombe County Solid Waste Field Monitoring

BURC NEW LF MW'S + C&D

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)
		MW-12	MPJ	10-6	1240	13.08	16.5	6.3	906		1.26
		MW-12D		10-6	1255	14.31	15.6	6.1	310		7.91
		MW-13		10-6	1010	7.08	17.8	6.5	353		10.5
		MW-13D		10-6	1020	8.09	17.5	6.2	351		13.2
		MW-14		10-6	1155	32.66	13.8	6.6	207		49.0
		MW 14D		10 6	1215	32.90	13.6	6.8	273		1.42
	C&D	ID	Sampler	Date	Time	WL	Temp	pH	Spcond	DO	Turb
		MW-1	MPJ	10-6	1100	71.02	14.5	6.6	146	6.6	21.0
		MW-1D			1115	73.12	14.6	7.6	276	6.6	59.4
					~~1140~~						
		MW 12			1245	13.08	16.5	6.3	906	3.1	1.26
		MW 12D			1255	14.31	15.6	6.1	310	3.6	7.91
		MW-14			1155	32.66	13.8	6.6	207	5.6	49.0
		MW-14D			1215	32.90	13.6	6.8	273	9.0	1.42

Recommended Field Data Template for NC DENR EDD Reporting

Detections By Date Range

Buncombe County New Facility

From: 10/5/2011 **To:** 10/6/2011

Site ID	Analyte	Date	Result	
MW-1				
	Alkalinity, Total as CaCO3			
		10/6/2011	39600	ug/L
	Barium			
		10/6/2011	123	ug/L
	Dissolved Oxygen			
		10/6/2011	6600	ug/L
	Iron			
		10/6/2011	2300	ug/L
	Manganese			
		10/6/2011	34	ug/L
	pH			
		10/6/2011	6.6	Std.
	Specific Conductance			
		10/6/2011	146	umh
	Static Water Level			
		10/6/2011	71.02	feet
	Sulfate			
		10/6/2011	16000	ug/L
	Temperature			
		10/6/2011	14.5	deg
	Total Dissolved Solids			
		10/6/2011	129000	ug/L
	Turbidity			
		10/6/2011	21	NTU
	Vanadium			
		10/6/2011	6.4	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	
MW-10				
	Barium			
		10/5/2011	126	ug/L
	pH			
		10/5/2011	6.4	Std.
	Specific Conductance			
		10/5/2011	283	umh
	Static Water Level			
		10/5/2011	71.3	feet
	Temperature			
		10/5/2011	14.5	deg
	Turbidity			
		10/5/2011	3.57	NTU
MW-10D				
	Barium			
		10/5/2011	23.2	ug/L
	Nickel			
		10/5/2011	7.4	ug/L
	pH			
		10/5/2011	6.6	Std.
	Specific Conductance			
		10/5/2011	237	umh
	Static Water Level			
		10/5/2011	71.87	feet
	Temperature			
		10/5/2011	14.8	deg
	Turbidity			
		10/5/2011	5.06	NTU
MW-11				
	Barium			
		10/5/2011	71.1	ug/L
	Nickel			
		10/5/2011	7.9	ug/L
	pH			
		10/5/2011	6.9	Std.
	Specific Conductance			
		10/5/2011	336	umh
	Static Water Level			
		10/5/2011	33.61	feet
	Temperature			
		10/5/2011	15	deg
	Turbidity			
		10/5/2011	2.17	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-11D				
	Barium			
		10/5/2011	15.6	ug/L
	pH			
		10/5/2011	6.6	Std.
	Specific Conductance			
		10/5/2011	346	umh
	Static Water Level			
		10/5/2011	34.29	feet
	Temperature			
		10/5/2011	14.9	deg
	Turbidity			
		10/5/2011	1.53	NTU
MW-12				
	Alkalinity, Total as CaCO3			
		10/6/2011	168000	ug/L
	Barium			
		10/6/2011	239	ug/L
	Chloride			
		10/6/2011	35400	ug/L
	Dissolved Oxygen			
		10/6/2011	3100	ug/L
	Manganese			
		10/6/2011	126	ug/L
	Mercury			
		10/6/2011	0.28	ug/L
	Nickel			
		10/6/2011	12.7	ug/L
	pH			
		10/6/2011	6.3	Std.
	Specific Conductance			
		10/6/2011	906	umh
	Static Water Level			
		10/6/2011	13.08	feet
	Sulfate			
		10/6/2011	201000	ug/L
	Temperature			
		10/6/2011	16.5	deg
	Total Dissolved Solids			
		10/6/2011	567000	ug/L
	Turbidity			
		10/6/2011	1.26	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-12D				
	Alkalinity, Total as CaCO3			
		10/6/2011	76000	ug/L
	Barium			
		10/6/2011	63.5	ug/L
	Chloride			
		10/6/2011	7700	ug/L
	Dissolved Oxygen			
		10/6/2011	3600	ug/L
	Iron			
		10/6/2011	500	ug/L
	Manganese			
		10/6/2011	8.8	ug/L
	pH			
		10/6/2011	6.1	Std.
	Specific Conductance			
		10/6/2011	310	umh
	Static Water Level			
		10/6/2011	14.31	feet
	Sulfate			
		10/6/2011	45500	ug/L
	Temperature			
		10/6/2011	15.6	deg
	Total Dissolved Solids			
		10/6/2011	204000	ug/L
	Turbidity			
		10/6/2011	7.91	NTU
MW-13				
	Barium			
		10/6/2011	193	ug/L
	Cobalt			
		10/6/2011	32.7	ug/L
	pH			
		10/6/2011	6.5	Std.
	Specific Conductance			
		10/6/2011	353	umh
	Static Water Level			
		10/6/2011	7.01	feet
	Temperature			
		10/6/2011	17.8	deg
	Turbidity			
		10/6/2011	10.5	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-13D				
	Barium			
		10/6/2011	259	ug/L
	Cobalt			
		10/6/2011	22.7	ug/L
	Nickel			
		10/6/2011	23.2	ug/L
	pH			
		10/6/2011	6.2	Std.
	Specific Conductance			
		10/6/2011	351	umh
	Static Water Level			
		10/6/2011	8.09	feet
	Temperature			
		10/6/2011	17.5	deg
	Turbidity			
		10/6/2011	13.2	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-14				
	Alkalinity, Total as CaCO3			
		10/6/2011	66700	ug/L
	Barium			
		10/6/2011	57.3	ug/L
	Chromium			
		10/6/2011	5.1	ug/L
	Dissolved Oxygen			
		10/6/2011	5600	ug/L
	Iron			
		10/6/2011	2990	ug/L
	Manganese			
		10/6/2011	17.7	ug/L
	pH			
		10/6/2011	6.6	Std.
	Specific Conductance			
		10/6/2011	207	umh
	Static Water Level			
		10/6/2011	32.6	feet
	Sulfate			
		10/6/2011	24200	ug/L
	Temperature			
		10/6/2011	13.8	deg
	Total Dissolved Solids			
		10/6/2011	182000	ug/L
	Turbidity			
		10/6/2011	5.6	NTU
		10/6/2011	49	NTU
	Vanadium			
		10/6/2011	9.1	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	
MW-14D				
	Alkalinity, Total as CaCO3			
		10/6/2011	123000	ug/L
	Barium			
		10/6/2011	6.2	ug/L
	Dissolved Oxygen			
		10/6/2011	9000	ug/L
	pH			
		10/6/2011	6.8	Std.
	Specific Conductance			
		10/6/2011	273	umh
	Static Water Level			
		10/6/2011	32.9	feet
	Sulfate			
		10/6/2011	13500	ug/L
	Temperature			
		10/6/2011	13.6	deg
	Total Dissolved Solids			
		10/6/2011	185000	ug/L
	Turbidity			
		10/6/2011	1.42	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-1D				
	Alkalinity, Total as CaCO3			
		10/6/2011	81200	ug/L
	Barium			
		10/6/2011	41	ug/L
	Dissolved Oxygen			
		10/6/2011	6600	ug/L
	Iron			
		10/6/2011	2480	ug/L
	Lead			
		10/6/2011	6.8	ug/L
	Manganese			
		10/6/2011	32.4	ug/L
	Nickel			
		10/6/2011	5.7	ug/L
	pH			
		10/6/2011	7.6	Std.
	Specific Conductance			
		10/6/2011	276	umh
	Static Water Level			
		10/6/2011	73.12	feet
	Sulfate			
		10/6/2011	39500	ug/L
	Temperature			
		10/6/2011	14.6	deg
	Total Dissolved Solids			
		10/6/2011	405000	ug/L
	Turbidity			
		10/6/2011	59.4	NTU
	Vanadium			
		10/6/2011	7	ug/L
	Zinc			
		10/6/2011	16.7	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-2				
	Barium			
		10/5/2011	136	ug/L
	Chromium			
		10/5/2011	6.1	ug/L
	Cobalt			
		10/5/2011	5.4	ug/L
	Copper			
		10/5/2011	6.1	ug/L
	Nickel			
		10/5/2011	7.5	ug/L
	pH			
		10/5/2011	6.1	Std.
	Specific Conductance			
		10/5/2011	171	umh
	Static Water Level			
		10/5/2011	9.02	feet
	Temperature			
		10/5/2011	14.9	deg
	Turbidity			
		10/5/2011	5.99	NTU
	Vanadium			
		10/5/2011	12.5	ug/L
	Zinc			
		10/5/2011	23.5	ug/L
MW-2D				
	Barium			
		10/5/2011	87.8	ug/L
	pH			
		10/5/2011	6.6	Std.
	Specific Conductance			
		10/5/2011	230	umh
	Static Water Level			
		10/5/2011	8.37	feet
	Temperature			
		10/5/2011	14.8	deg
	Turbidity			
		10/5/2011	1.23	NTU
	Zinc			
		10/5/2011	16.8	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	
MW-3				
	Barium			
		10/5/2011	166	ug/L
	Cobalt			
		10/5/2011	7.6	ug/L
	Nickel			
		10/5/2011	18.2	ug/L
	pH			
		10/5/2011	6.1	Std.
	Specific Conductance			
		10/5/2011	202	umh
	Static Water Level			
		10/5/2011	32.66	feet
	Temperature			
		10/5/2011	14.9	deg
	Turbidity			
		10/5/2011	549	NTU
	Vanadium			
		10/5/2011	6.1	ug/L
MW-4				
	Barium			
		10/5/2011	95.5	ug/L
	Chromium			
		10/5/2011	5.3	ug/L
	Copper			
		10/5/2011	5.4	ug/L
	pH			
		10/5/2011	6.3	Std.
	Specific Conductance			
		10/5/2011	205	umh
	Static Water Level			
		10/5/2011	14.21	feet
	Temperature			
		10/5/2011	15.8	deg
	Turbidity			
		10/5/2011	2.93	NTU
	Vanadium			
		10/5/2011	7.2	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-4D				
	Barium			
		10/5/2011	34.4	ug/L
	pH			
		10/5/2011	6.4	Std.
	Specific Conductance			
		10/5/2011	256	umh
	Static Water Level			
		10/5/2011	14.26	feet
	Temperature			
		10/5/2011	16.1	deg
	Turbidity			
		10/5/2011	23.4	NTU
	Vanadium			
		10/5/2011	7.6	ug/L
MW-5				
	Barium			
		10/5/2011	102	ug/L
	pH			
		10/5/2011	6.5	Std.
	Specific Conductance			
		10/5/2011	193	umh
	Static Water Level			
		10/5/2011	35.77	feet
	Temperature			
		10/5/2011	15.4	deg
	Turbidity			
		10/5/2011	4.08	NTU
MW-5D				
	Barium			
		10/5/2011	61.3	ug/L
	pH			
		10/5/2011	6.5	Std.
	Specific Conductance			
		10/5/2011	187	umh
	Static Water Level			
		10/5/2011	37.88	feet
	Temperature			
		10/5/2011	15.4	deg
	Turbidity			
		10/5/2011	2.55	NTU
	Zinc			
		10/5/2011	13.7	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-6				
	Barium			
		10/5/2011	57.2	ug/L
	pH			
		10/5/2011	6.2	Std.
	Specific Conductance			
		10/5/2011	141	umh
	Static Water Level			
		10/5/2011	28.29	feet
	Temperature			
		10/5/2011	14.9	deg
	Turbidity			
		10/5/2011	4.33	NTU
MW-7				
	1,1-Dichloroethane			
		10/5/2011	2.1	ug/L
	Arsenic			
		10/5/2011	14.7	ug/L
	Barium			
		10/5/2011	155	ug/L
	Chromium			
		10/5/2011	5.2	ug/L
	Copper			
		10/5/2011	7.2	ug/L
	Nickel			
		10/5/2011	10.8	ug/L
	pH			
		10/5/2011	6.2	Std.
	Specific Conductance			
		10/5/2011	141	umh
	Static Water Level			
		10/5/2011	28.29	feet
	Temperature			
		10/5/2011	14.9	deg
	Thallium			
		10/5/2011	20.8	ug/L
	Turbidity			
		10/5/2011	4.33	NTU
	Vanadium			
		10/5/2011	58.4	ug/L
	Zinc			
		10/5/2011	15.9	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.

Site ID	Analyte	Date	Result	
MW-8				
	Barium			
		10/6/2011	112	ug/L
	pH			
		10/6/2011	6.3	Std.
	Specific Conductance			
		10/6/2011	264	umh
	Static Water Level			
		10/6/2011	35.81	feet
	Temperature			
		10/6/2011	16.1	deg
	Turbidity			
		10/6/2011	31	NTU
	Vanadium			
		10/6/2011	6.9	ug/L
	Zinc			
		10/6/2011	11	ug/L
MW-8D				
	Barium			
		10/6/2011	123	ug/L
	pH			
		10/6/2011	5.7	Std.
	Specific Conductance			
		10/6/2011	301	umh
	Static Water Level			
		10/6/2011	34.71	feet
	Temperature			
		10/6/2011	15.4	deg
	Turbidity			
		10/6/2011	1.12	NTU
	Zinc			
		10/6/2011	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.

Exceedances by Date Range

Buncombe County New Facility

From: 10/5/2011 ***To:*** 10/6/2011

Site ID	Analyte			Date	Result	
MW-1						
	Iron					
	MCL:	300	ug/L			
				10/6/2011	2300	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/6/2011	6.4	ug/L
MW-12						
	Manganese					
	MCL:	50	ug/L			
				10/6/2011	126	ug/L
MW-12D						
	Iron					
	MCL:	300	ug/L			
				10/6/2011	500	ug/L
MW-13						
	Cobalt					
	MCL:	1	ug/L			
				10/6/2011	32.7	ug/L
MW-13D						
	Cobalt					
	MCL:	1	ug/L			
				10/6/2011	22.7	ug/L
MW-14						
	Iron					
	MCL:	300	ug/L			
				10/6/2011	2990	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/6/2011	9.1	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	
MW-1D						
	Iron					
	MCL:	300	ug/L			
				10/6/2011	2480	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/6/2011	7	ug/L
MW-2						
	Cobalt					
	MCL:	1	ug/L			
				10/5/2011	5.4	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/5/2011	12.5	ug/L
MW-3						
	Cobalt					
	MCL:	1	ug/L			
				10/5/2011	7.6	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/5/2011	6.1	ug/L
MW-4						
	Vanadium					
	MCL:	0.3	ug/L			
				10/5/2011	7.2	ug/L
MW-4D						
	Vanadium					
	MCL:	0.3	ug/L			
				10/5/2011	7.6	ug/L
MW-7						
	Arsenic					
	MCL:	10	ug/L			
				10/5/2011	14.7	ug/L
	Thallium					
	MCL:	0.28	ug/L			
				10/5/2011	20.8	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/5/2011	58.4	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
MW-8				
	Vanadium			
	MCL:	0.3 ug/L		
			10/6/2011	6.9 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: 10/3/2011 **To:** 10/3/2011

Site ID	Analyte	Date	Result	
SW-2				
	Barium			
		10/3/2011	47.9	ug/L
		10/3/2011	47.9	ug/L
	pH			
		10/3/2011	7.3	Std.
		10/3/2011	7.3	Std.
	Specific Conductance			
		10/3/2011	127	umh
		10/3/2011	127	umh
	Temperature			
		10/3/2011	9.9	deg
		10/3/2011	9.9	deg
	Turbidity			
		10/3/2011	3.77	NTU
		10/3/2011	3.77	NTU
SW-4				
	Barium			
		10/3/2011	147	ug/L
		10/3/2011	147	ug/L
	Cobalt			
		10/3/2011	10.9	ug/L
		10/3/2011	10.9	ug/L
	pH			
		10/3/2011	7.1	Std.
		10/3/2011	7.1	Std.
	Specific Conductance			
		10/3/2011	216	umh
		10/3/2011	216	umh
	Temperature			
		10/3/2011	12.6	deg
		10/3/2011	12.6	deg
	Turbidity			
		10/3/2011	49.2	NTU
		10/3/2011	49.2	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-5				
	Barium			
		10/3/2011	63.7	ug/L
		10/3/2011	63.7	ug/L
	pH			
		10/3/2011	7.7	Std.
		10/3/2011	7.7	Std.
	Specific Conductance			
		10/3/2011	508	umh
		10/3/2011	508	umh
	Temperature			
		10/3/2011	11.8	deg
		10/3/2011	11.8	deg
	Turbidity			
		10/3/2011	2.23	NTU
		10/3/2011	2.23	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.

Detections By Date Range

Buncombe County New Facility

From: 10/3/2011 **To:** 10/3/2011

Site ID	Analyte	Date	Result	
LD-1				
	1,1-Dichloroethane			
		10/3/2011	2.8	ug/L
		10/3/2011	2.8	ug/L
	Barium			
		10/3/2011	83.9	ug/L
		10/3/2011	83.9	ug/L
	Cobalt			
		10/3/2011	102	ug/L
		10/3/2011	102	ug/L
	Nickel			
		10/3/2011	40.6	ug/L
		10/3/2011	40.6	ug/L
	pH			
		10/3/2011	5.1	Std.
		10/3/2011	5.1	Std.
	Specific Conductance			
		10/3/2011	143	umh
		10/3/2011	143	umh
	Temperature			
		10/3/2011	15.7	deg
		10/3/2011	15.7	deg
	Turbidity			
		10/3/2011	1.34	NTU
		10/3/2011	1.34	NTU
	Zinc			
		10/3/2011	14.7	ug/L
		10/3/2011	14.7	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			
		10/3/2011	3.9	ug/L
		10/3/2011	3.9	ug/L
	Barium			
		10/3/2011	90.6	ug/L
		10/3/2011	90.6	ug/L
	Benzene			
		10/3/2011	1.8	ug/L
		10/3/2011	1.8	ug/L
	cis-1,2-Dichloroethene			
		10/3/2011	1.9	ug/L
		10/3/2011	1.9	ug/L
	Cobalt			
		10/3/2011	31.6	ug/L
		10/3/2011	31.6	ug/L
	pH			
		10/3/2011	6.5	Std.
		10/3/2011	6.5	Std.
	Specific Conductance			
		10/3/2011	333	umh
		10/3/2011	333	umh
	Temperature			
		10/3/2011	16.2	deg
		10/3/2011	16.2	deg
	Turbidity			
		10/3/2011	1.64	NTU
		10/3/2011	1.64	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-3				
	Barium			
		10/3/2011	279	ug/L
		10/3/2011	279	ug/L
	Benzene			
		10/3/2011	2.9	ug/L
		10/3/2011	2.9	ug/L
	Cobalt			
		10/3/2011	22.2	ug/L
		10/3/2011	22.2	ug/L
	Copper			
		10/3/2011	5.7	ug/L
		10/3/2011	5.7	ug/L
	Nickel			
		10/3/2011	5.5	ug/L
		10/3/2011	5.5	ug/L
	pH			
		10/3/2011	5.9	Std.
		10/3/2011	5.9	Std.
	Specific Conductance			
		10/3/2011	433	umh
		10/3/2011	433	umh
	Temperature			
		10/3/2011	16.6	deg
		10/3/2011	16.6	deg
	Turbidity			
		10/3/2011	42.3	NTU
		10/3/2011	42.3	NTU
	Zinc			
		10/3/2011	17.1	ug/L
		10/3/2011	17.1	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				
	Antimony			
		10/3/2011	13	ug/L
		10/3/2011	13	ug/L
	Arsenic			
		10/3/2011	16.2	ug/L
		10/3/2011	16.2	ug/L
	Barium			
		10/3/2011	75.3	ug/L
		10/3/2011	75.3	ug/L
	Chromium			
		10/3/2011	173	ug/L
		10/3/2011	173	ug/L
	Cobalt			
		10/3/2011	33.8	ug/L
		10/3/2011	33.8	ug/L
	Copper			
		10/3/2011	31.6	ug/L
		10/3/2011	31.6	ug/L
	Nickel			
		10/3/2011	4850	ug/L
		10/3/2011	4850	ug/L
	pH			
		10/3/2011	6	Std.
		10/3/2011	6	Std.
	Specific Conductance			
		10/3/2011	270	umh
		10/3/2011	270	umh
	Temperature			
		10/3/2011	16.8	deg
		10/3/2011	16.8	deg
	Turbidity			
		10/3/2011	3.25	NTU
		10/3/2011	3.25	NTU
	Vanadium			
		10/3/2011	7.9	ug/L
		10/3/2011	7.9	ug/L
	Zinc			
		10/3/2011	118	ug/L
		10/3/2011	118	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				
	1,1-Dichloroethane			
		10/3/2011	1.1	ug/L
		10/3/2011	1.1	ug/L
	Barium			
		10/3/2011	323	ug/L
		10/3/2011	323	ug/L
	Cobalt			
		10/3/2011	143	ug/L
		10/3/2011	143	ug/L
	Nickel			
		10/3/2011	42.1	ug/L
		10/3/2011	42.1	ug/L
	pH			
		10/3/2011	6.1	Std.
		10/3/2011	6.1	Std.
	Specific Conductance			
		10/3/2011	314	umh
		10/3/2011	314	umh
	Temperature			
		10/3/2011	18.5	deg
		10/3/2011	18.5	deg
	Turbidity			
		10/3/2011	22.3	NTU
		10/3/2011	22.3	NTU
	Zinc			
		10/3/2011	22.5	ug/L
		10/3/2011	22.5	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.

Site ID	Analyte	Date	Result	
LD-6				
	Barium			
		10/3/2011	258	ug/L
		10/3/2011	258	ug/L
	Cobalt			
		10/3/2011	51.1	ug/L
		10/3/2011	51.1	ug/L
	pH			
		10/3/2011	6.3	Std.
		10/3/2011	6.3	Std.
	Specific Conductance			
		10/3/2011	601	umh
		10/3/2011	601	umh
	Temperature			
		10/3/2011	16.8	deg
		10/3/2011	16.8	deg
	Turbidity			
		10/3/2011	8.01	NTU
		10/3/2011	8.01	NTU
Leachate				
	Barium			
		10/3/2011	140	ug/L
		10/3/2011	140	ug/L
	Chromium			
		10/3/2011	11.3	ug/L
		10/3/2011	11.3	ug/L
	Cobalt			
		10/3/2011	6.5	ug/L
		10/3/2011	6.5	ug/L
	Nickel			
		10/3/2011	40	ug/L
		10/3/2011	40	ug/L
	pH			
		10/3/2011	8.1	Std.
		10/3/2011	8.1	Std.
	Specific Conductance			
		10/3/2011	3237	umh
		10/3/2011	3237	umh
	Temperature			
		10/3/2011	18	deg
		10/3/2011	18	deg
	Turbidity			
		10/3/2011	41.5	NTU
		10/3/2011	41.5	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 = 99.3363%
Background measurements (n) = 44
Maximum Background Concentration = 2.5
Minimum Coverage = 93.4%
Average Coverage = 97.7778%

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

MW-5D	3/26/2009	ND<0.5	FALSE
MW-5D	10/2/2009	ND<0.5	FALSE
MW-5D	4/2/2010	ND<0.5	FALSE
MW-5D	10/6/2010	ND<0.5	FALSE
MW-5D	3/25/2011	ND<0.5	FALSE
MW-5D	10/5/2011	ND<0.5	FALSE
MW-6	4/13/1998	ND<0.5	FALSE
MW-6	11/11/1998	ND<0.5	FALSE
MW-6	4/26/1999	ND<0.5	FALSE
MW-6	11/2/1999	ND<0.5	FALSE
MW-6	4/3/2000	ND<0.5	FALSE
MW-6	11/6/2000	ND<2.5	FALSE
MW-6	10/22/2001	ND<1	FALSE
MW-6	4/29/2002	ND<0.5	FALSE
MW-6	3/25/2003	ND<2.5	FALSE
MW-6	9/29/2003	ND<0.5	FALSE
MW-6	3/30/2004	ND<0.5	FALSE
MW-6	9/27/2004	ND<0.5	FALSE
MW-6	4/12/2005	ND<0.5	FALSE
MW-6	9/26/2005	ND<0.5	FALSE
MW-6	3/27/2007	ND<0.5	FALSE
MW-6	9/27/2007	ND<0.5	FALSE
MW-6	3/26/2008	ND<0.16	FALSE
MW-6	9/30/2008	ND<0.5	FALSE
MW-6	3/26/2009	ND<0.5	FALSE
MW-6	10/2/2009	ND<0.5	FALSE
MW-6	4/2/2010	ND<0.5	FALSE
MW-6	10/6/2010	ND<0.5	FALSE
MW-6	3/25/2011	ND<0.5	FALSE
MW-6	10/5/2011	ND<0.5	FALSE
MW-7	4/13/1998	ND<0.5	FALSE
MW-7	11/11/1998	ND<0.5	FALSE
MW-7	4/26/1999	ND<0.5	FALSE
MW-7	11/2/1999	ND<0.5	FALSE
MW-7	4/3/2000	ND<0.5	FALSE
MW-7	11/6/2000	ND<2.5	FALSE
MW-7	10/22/2001	ND<1	FALSE
MW-7	4/29/2002	ND<0.5	FALSE
MW-7	3/25/2003	ND<2.5	FALSE
MW-7	9/29/2003	ND<0.5	FALSE
MW-7	3/30/2004	ND<0.5	FALSE
MW-7	9/27/2004	ND<0.5	FALSE
MW-7	4/12/2005	ND<0.5	FALSE
MW-7	9/26/2005	ND<0.5	FALSE
MW-7	3/27/2007	ND<0.5	FALSE
MW-7	9/27/2007	ND<0.5	FALSE
MW-7	3/26/2008	ND<0.16	FALSE
MW-7	9/26/2008	ND<0.5	FALSE
MW-7	3/26/2009	ND<0.5	FALSE
MW-7	10/1/2009	ND<0.5	FALSE
MW-7	4/2/2010	ND<0.5	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-3	4/14/1998	ND<0.5	FALSE
MW-3	11/9/1998	ND<0.5	FALSE
MW-3	4/27/1999	ND<0.5	FALSE
MW-3	11/1/1999	ND<0.5	FALSE
MW-3	4/3/2000	ND<0.5	FALSE
MW-3	11/6/2000	ND<2.5	FALSE
MW-3	10/22/2001	ND<1	FALSE
MW-3	4/29/2002	ND<0.5	FALSE
MW-3	3/24/2003	ND<2.5	FALSE
MW-3	9/29/2003	ND<0.5	FALSE
MW-3	3/30/2004	ND<0.5	FALSE
MW-3	9/27/2004	ND<0.5	FALSE
MW-3	4/11/2005	ND<0.5	FALSE
MW-3	9/26/2005	ND<0.5	FALSE
MW-3	3/27/2007	ND<0.5	FALSE
MW-3	9/28/2007	ND<0.5	FALSE
MW-3	3/26/2008	ND<0.16	FALSE
MW-3	9/30/2008	ND<0.5	FALSE
MW-3	3/26/2009	ND<0.5	FALSE
MW-3	10/1/2009	ND<0.5	FALSE
MW-3	4/2/2010	ND<0.5	FALSE
MW-3	10/6/2010	ND<0.5	FALSE
MW-3	3/25/2011	ND<0.5	FALSE
MW-3	10/5/2011	ND<0.5	FALSE
MW-2	4/15/1998	ND<0.5	FALSE
MW-2	11/11/1998	ND<0.5	FALSE
MW-2	4/27/1999	ND<0.5	FALSE
MW-2	11/2/1999	ND<0.5	FALSE
MW-2	4/4/2000	ND<0.5	FALSE
MW-2	11/6/2000	ND<2.5	FALSE
MW-2	10/22/2001	ND<1	FALSE
MW-2	4/29/2002	ND<0.5	FALSE
MW-2	3/24/2003	ND<2.5	FALSE
MW-2	9/29/2003	ND<0.5	FALSE
MW-2	3/29/2004	ND<0.5	FALSE
MW-2	9/27/2004	ND<0.5	FALSE
MW-2	4/11/2005	ND<0.5	FALSE
MW-2	9/26/2005	ND<0.5	FALSE
MW-2	3/27/2007	ND<0.5	FALSE
MW-2	9/28/2007	ND<0.5	FALSE
MW-2	3/26/2008	ND<0.16	FALSE
MW-2	9/29/2008	ND<0.5	FALSE
MW-2	3/26/2009	ND<0.5	FALSE
MW-2	10/1/2009	ND<0.5	FALSE
MW-2	4/6/2010	ND<0.5	FALSE
MW-2	10/8/2010	ND<0.5	FALSE
MW-2	3/25/2011	ND<0.5	FALSE
MW-2	10/5/2011	ND<0.5	FALSE
MW-2D	4/15/1998	ND<0.5	FALSE
MW-2D	11/11/1998	ND<0.5	FALSE

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

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

MW-4D	4/15/1998	ND<0.5	FALSE
MW-4D	11/9/1998	ND<0.5	FALSE
MW-4D	4/26/1999	ND<0.5	FALSE
MW-4D	11/1/1999	ND<0.5	FALSE
MW-4D	4/4/2000	ND<0.5	FALSE
MW-4D	11/6/2000	ND<2.5	FALSE

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

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

MW-8D	4/17/1998	ND<0.5	FALSE
MW-8D	11/10/1998	ND<0.5	FALSE
MW-8D	4/26/1999	ND<0.5	FALSE
MW-8D	11/1/1999	ND<0.5	FALSE
MW-8D	4/3/2000	ND<0.5	FALSE
MW-8D	11/7/2000	ND<2.5	FALSE
MW-8D	10/22/2001	ND<1	FALSE
MW-8D	4/29/2002	ND<0.5	FALSE
MW-8D	3/25/2003	ND<2.5	FALSE
MW-8D	9/30/2003	ND<0.5	FALSE

MW-8D	3/30/2004	ND<0.5	FALSE
MW-8D	9/27/2004	ND<0.5	FALSE
MW-8D	4/12/2005	ND<0.5	FALSE
MW-8D	9/27/2005	ND<0.5	FALSE
MW-8D	3/27/2007	ND<0.5	FALSE
MW-8D	9/28/2007	ND<0.5	FALSE
MW-8D	3/27/2008	ND<0.16	FALSE
MW-8D	9/29/2008	ND<0.5	FALSE
MW-8D	3/25/2009	ND<0.5	FALSE
MW-8D	10/5/2009	ND<0.5	FALSE
MW-8D	4/6/2010	ND<0.5	FALSE
MW-8D	10/8/2010	ND<0.5	FALSE
MW-8D	3/29/2011	ND<0.5	FALSE
MW-8D	10/6/2011	ND<0.5	FALSE
MW-11	4/29/2002	ND<0.5	FALSE
MW-11	3/25/2003	ND<2.5	FALSE
MW-11	9/29/2003	ND<0.5	FALSE
MW-11	3/30/2004	ND<0.5	FALSE
MW-11	9/27/2004	ND<0.5	FALSE
MW-11	4/12/2005	ND<0.5	FALSE
MW-11	9/26/2005	ND<0.5	FALSE
MW-11	3/27/2007	ND<0.5	FALSE
MW-11	9/27/2007	ND<0.5	FALSE
MW-11	3/27/2008	ND<0.16	FALSE
MW-11	9/30/2008	ND<0.5	FALSE
MW-11	3/26/2009	ND<0.5	FALSE
MW-11	10/5/2009	ND<0.5	FALSE
MW-11	4/6/2010	ND<0.5	FALSE
MW-11	10/8/2010	ND<0.5	FALSE
MW-11	3/29/2011	ND<0.5	FALSE
MW-11	10/5/2011	ND<0.5	FALSE
MW-11D	4/29/2002	ND<0.5	FALSE
MW-11D	3/25/2003	ND<2.5	FALSE
MW-11D	9/29/2003	ND<0.5	FALSE
MW-11D	3/30/2004	ND<0.5	FALSE
MW-11D	9/27/2004	ND<0.5	FALSE
MW-11D	4/12/2005	ND<0.5	FALSE
MW-11D	9/26/2005	ND<0.5	FALSE
MW-11D	3/27/2007	ND<0.5	FALSE
MW-11D	9/27/2007	ND<0.5	FALSE
MW-11D	3/27/2008	ND<0.16	FALSE
MW-11D	9/30/2008	ND<0.5	FALSE
MW-11D	3/26/2009	ND<0.5	FALSE
MW-11D	10/5/2009	ND<0.5	FALSE
MW-11D	4/6/2010	ND<0.5	FALSE
MW-11D	10/8/2010	ND<0.5	FALSE
MW-11D	3/29/2011	ND<0.5	FALSE
MW-11D	10/5/2011	ND<0.5	FALSE
MW-10	4/30/2002	ND<0.5	FALSE
MW-10	3/25/2003	ND<2.5	FALSE
MW-10	9/30/2003	ND<0.5	FALSE

MW-10	3/30/2004	ND<0.5	FALSE
MW-10	9/27/2004	ND<0.5	FALSE
MW-10	4/12/2005	ND<0.5	FALSE
MW-10	9/27/2005	ND<0.5	FALSE
MW-10	3/27/2007	ND<0.5	FALSE
MW-10	9/27/2007	ND<0.5	FALSE
MW-10	3/26/2008	ND<0.16	FALSE
MW-10	9/26/2008	ND<0.5	FALSE
MW-10	3/26/2009	ND<0.5	FALSE
MW-10	10/1/2009	ND<0.5	FALSE
MW-10	4/2/2010	ND<0.5	FALSE
MW-10	10/7/2010	ND<0.5	FALSE
MW-10	3/29/2011	ND<0.5	FALSE
MW-10	10/5/2011	ND<0.5	FALSE
MW-10D	4/30/2002	ND<0.5	FALSE
MW-10D	3/25/2003	ND<2.5	FALSE
MW-10D	9/30/2003	ND<0.5	FALSE
MW-10D	3/30/2004	ND<0.5	FALSE
MW-10D	9/27/2004	ND<0.5	FALSE
MW-10D	4/12/2005	ND<0.5	FALSE
MW-10D	9/27/2005	ND<0.5	FALSE
MW-10D	3/27/2007	ND<0.5	FALSE
MW-10D	9/27/2007	ND<0.5	FALSE
MW-10D	3/26/2008	ND<0.16	FALSE
MW-10D	9/26/2008	ND<0.5	FALSE
MW-10D	3/26/2009	ND<0.5	FALSE
MW-10D	10/1/2009	ND<0.5	FALSE
MW-10D	4/2/2010	ND<0.5	FALSE
MW-10D	10/7/2010	ND<0.5	FALSE
MW-10D	3/29/2011	ND<0.5	FALSE
MW-10D	10/5/2011	ND<0.5	FALSE
MW-12	3/25/2003	ND<2.5	FALSE
MW-12	9/30/2003	ND<0.5	FALSE
MW-12	3/30/2004	ND<0.5	FALSE
MW-12	9/27/2004	ND<0.5	FALSE
MW-12	4/11/2005	ND<0.5	FALSE
MW-12	9/27/2005	ND<0.5	FALSE
MW-12	3/27/2007	ND<0.5	FALSE
MW-12	9/28/2007	ND<0.5	FALSE
MW-12	3/27/2008	ND<0.16	FALSE
MW-12	9/30/2008	ND<0.5	FALSE
MW-12	3/26/2009	ND<0.5	FALSE
MW-12	10/2/2009	ND<0.5	FALSE
MW-12	4/6/2010	ND<0.5	FALSE
MW-12	10/7/2010	ND<0.5	FALSE
MW-12	3/29/2011	ND<0.5	FALSE
MW-12	10/6/2011	ND<0.5	FALSE
MW-12D	3/25/2003	ND<2.5	FALSE
MW-12D	9/30/2003	ND<0.5	FALSE
MW-12D	3/30/2004	ND<0.5	FALSE
MW-12D	9/27/2004	ND<0.5	FALSE

MW-12D	4/11/2005	ND<0.5	FALSE
MW-12D	9/27/2005	ND<0.5	FALSE
MW-12D	3/27/2007	ND<0.5	FALSE
MW-12D	9/28/2007	ND<0.5	FALSE
MW-12D	3/27/2008	ND<0.16	FALSE
MW-12D	9/30/2008	ND<0.5	FALSE
MW-12D	3/26/2009	ND<0.5	FALSE
MW-12D	10/2/2009	ND<0.5	FALSE
MW-12D	4/6/2010	ND<0.5	FALSE
MW-12D	10/7/2010	ND<0.5	FALSE
MW-12D	3/29/2011	ND<0.5	FALSE
MW-12D	10/6/2011	ND<0.5	FALSE
MW-13	9/27/2005	ND<0.5	FALSE
MW-13	3/27/2007	ND<0.5	FALSE
MW-13	9/28/2007	ND<0.5	FALSE
MW-13	3/27/2008	ND<0.16	FALSE
MW-13	9/29/2008	ND<0.5	FALSE
MW-13	3/26/2009	ND<0.5	FALSE
MW-13	10/2/2009	ND<0.5	FALSE
MW-13	4/2/2010	ND<0.5	FALSE
MW-13	10/7/2010	ND<0.5	FALSE
MW-13	3/25/2011	ND<0.5	FALSE
MW-13	10/6/2011	ND<0.5	FALSE
MW-13D	9/27/2005	ND<0.5	FALSE
MW-13D	3/27/2007	ND<0.5	FALSE
MW-13D	9/28/2007	ND<0.5	FALSE
MW-13D	3/27/2008	ND<0.16	FALSE
MW-13D	9/29/2008	ND<0.5	FALSE
MW-13D	3/26/2009	ND<0.5	FALSE
MW-13D	10/2/2009	ND<0.5	FALSE
MW-13D	4/2/2010	ND<0.5	FALSE
MW-13D	10/7/2010	ND<0.5	FALSE
MW-13D	3/25/2011	ND<0.5	FALSE
MW-13D	10/6/2011	ND<0.5	FALSE
MW-14	3/27/2007	ND<0.5	FALSE
MW-14	9/28/2007	ND<0.5	FALSE
MW-14	3/27/2008	ND<0.16	FALSE
MW-14	9/30/2008	ND<0.5	FALSE
MW-14	3/26/2009	ND<0.5	FALSE
MW-14	10/2/2009	ND<0.5	FALSE
MW-14	4/6/2010	ND<0.5	FALSE
MW-14	10/7/2010	ND<0.5	FALSE
MW-14	3/29/2011	ND<0.5	FALSE
MW-14	10/6/2011	ND<0.5	FALSE
MW-14D	3/27/2007	ND<0.5	FALSE
MW-14D	9/28/2007	ND<0.5	FALSE
MW-14D	3/27/2008	ND<0.16	FALSE
MW-14D	9/30/2008	ND<0.5	FALSE
MW-14D	3/26/2009	ND<0.5	FALSE

MW-14D	10/2/2009	ND<0.5	FALSE
MW-14D	4/6/2010	ND<0.5	FALSE
MW-14D	10/7/2010	ND<0.5	FALSE
MW-14D	3/29/2011	ND<0.5	FALSE
MW-14D	10/6/2011	ND<0.5	FALSE

Two-Sample Test of Proportions

Parameter: 1,1-Dichloroethane

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 44
Compliance measurements = 408
Comparison Level = 6

0 background measurements exceed 6
0 compliance measurements exceed 6

p background = 0 = 0 / 44
p compliance = 0 = 0 / 408
p total = 0 = 0 / 452

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 408
m(1-Pb = 44

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Arsenic

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 96.0663%
Background measurements (n) = 48
Maximum Background Concentration = 5
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

Location	Date	Value	Significant
MW-5	4/13/1998	ND<2.5	FALSE
MW-5	11/11/1998	ND<2.5	FALSE
MW-5	4/26/1999	ND<2.5	FALSE
MW-5	11/2/1999	ND<2.5	FALSE
MW-5	4/3/2000	ND<2.5	FALSE
MW-5	11/6/2000	ND<5	FALSE
MW-5	4/30/2001	ND<5	FALSE
MW-5	10/22/2001	ND<5	FALSE
MW-5	4/29/2002	ND<5	FALSE
MW-5	10/28/2002	ND<2.5	FALSE
MW-5	3/24/2003	ND<2.5	FALSE
MW-5	9/29/2003	ND<2.5	FALSE
MW-5	3/30/2004	ND<2.5	FALSE
MW-5	9/27/2004	ND<2.5	FALSE
MW-5	4/12/2005	ND<2.5	FALSE
MW-5	9/26/2005	ND<2.5	FALSE
MW-5	3/27/2007	ND<5	FALSE
MW-5	9/27/2007	ND<2.5	FALSE
MW-5	3/26/2008	ND<1.35	FALSE
MW-5	9/30/2008	ND<2.5	FALSE
MW-5	3/26/2009	ND<2.5	FALSE
MW-5	10/2/2009	ND<2.5	FALSE
MW-5	4/2/2010	ND<2.5	FALSE
MW-5	10/6/2010	ND<2.5	FALSE
MW-5	3/25/2011	ND<2.5	FALSE
MW-5	10/5/2011	ND<2.5	FALSE
MW-5D	4/13/1998	ND<2.5	FALSE
MW-5D	11/11/1998	ND<2.5	FALSE
MW-5D	4/26/1999	ND<2.5	FALSE
MW-5D	11/2/1999	ND<2.5	FALSE
MW-5D	4/3/2000	ND<2.5	FALSE
MW-5D	11/6/2000	ND<5	FALSE
MW-5D	4/30/2001	ND<5	FALSE
MW-5D	10/22/2001	ND<5	FALSE
MW-5D	4/29/2002	ND<5	FALSE
MW-5D	10/28/2002	ND<2.5	FALSE
MW-5D	3/24/2003	ND<2.5	FALSE
MW-5D	9/29/2003	ND<2.5	FALSE
MW-5D	3/29/2004	ND<2.5	FALSE
MW-5D	9/27/2004	ND<2.5	FALSE
MW-5D	4/12/2005	ND<2.5	FALSE
MW-5D	9/26/2005	ND<2.5	FALSE

MW-5D	3/27/2007	ND<5	FALSE
MW-5D	9/27/2007	ND<2.5	FALSE
MW-5D	3/26/2008	ND<1.35	FALSE
MW-5D	9/30/2008	ND<2.5	FALSE
MW-5D	3/26/2009	ND<2.5	FALSE
MW-5D	10/2/2009	ND<2.5	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	FALSE
MW-6	4/13/1998	ND<2.5	FALSE
MW-6	11/11/1998	ND<2.5	FALSE
MW-6	4/26/1999	ND<2.5	FALSE
MW-6	11/2/1999	ND<2.5	FALSE
MW-6	4/3/2000	ND<2.5	FALSE
MW-6	11/6/2000	ND<5	FALSE
MW-6	4/30/2001	ND<5	FALSE
MW-6	**10/22/2001**	**10**	**TRUE**
MW-6	4/29/2002	ND<5	FALSE
MW-6	10/28/2002	ND<2.5	FALSE
MW-6	3/25/2003	ND<2.5	FALSE
MW-6	**9/29/2003**	**8**	**TRUE**
MW-6	3/30/2004	ND<2.5	FALSE
MW-6	9/27/2004	ND<2.5	FALSE
MW-6	4/12/2005	ND<2.5	FALSE
MW-6	9/26/2005	ND<2.5	FALSE
MW-6	3/27/2007	ND<5	FALSE
MW-6	9/27/2007	ND<2.5	FALSE
MW-6	3/26/2008	ND<1.35	FALSE
MW-6	9/30/2008	ND<2.5	FALSE
MW-6	3/26/2009	ND<2.5	FALSE
MW-6	10/2/2009	ND<2.5	FALSE
MW-6	4/2/2010	ND<2.5	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	FALSE
MW-7	4/13/1998	ND<2.5	FALSE
MW-7	11/11/1998	ND<2.5	FALSE
MW-7	4/26/1999	ND<2.5	FALSE
MW-7	11/2/1999	ND<2.5	FALSE
MW-7	4/3/2000	ND<2.5	FALSE
MW-7	11/6/2000	ND<5	FALSE
MW-7	4/30/2001	ND<5	FALSE
MW-7	10/22/2001	ND<5	FALSE
MW-7	4/29/2002	ND<5	FALSE
MW-7	10/28/2002	ND<2.5	FALSE
MW-7	3/25/2003	ND<2.5	FALSE
MW-7	9/29/2003	ND<2.5	FALSE
MW-7	3/30/2004	ND<2.5	FALSE
MW-7	9/27/2004	ND<2.5	FALSE
MW-7	4/12/2005	ND<2.5	FALSE
MW-7	9/26/2005	ND<2.5	FALSE
MW-7	3/27/2007	ND<5	FALSE

MW-7	9/27/2007	ND<2.5	FALSE
MW-7	3/26/2008	ND<1.35	FALSE
MW-7	9/26/2008	ND<2.5	FALSE
MW-7	3/26/2009	ND<2.5	FALSE
MW-7	10/1/2009	ND<2.5	FALSE
MW-7	**4/2/2010**	**5.4**	**TRUE**
MW-7	10/6/2010	ND<2.5	FALSE
MW-7	3/25/2011	ND<2.5	FALSE
MW-7	**10/5/2011**	**14.7**	**TRUE**

MW-3	**4/14/1998**	**14**	**TRUE**
MW-3	**11/9/1998**	**13**	**TRUE**
MW-3	4/27/1999	ND<2.5	FALSE
MW-3	11/1/1999	ND<2.5	FALSE
MW-3	4/3/2000	ND<2.5	FALSE
MW-3	11/6/2000	ND<5	FALSE
MW-3	4/30/2001	ND<5	FALSE
MW-3	10/22/2001	ND<5	FALSE
MW-3	4/29/2002	ND<5	FALSE
MW-3	10/28/2002	ND<2.5	FALSE
MW-3	3/24/2003	ND<2.5	FALSE
MW-3	9/29/2003	ND<2.5	FALSE
MW-3	3/30/2004	ND<2.5	FALSE
MW-3	9/27/2004	ND<2.5	FALSE
MW-3	**4/11/2005**	**9.2**	**TRUE**
MW-3	9/26/2005	ND<2.5	FALSE
MW-3	3/27/2007	ND<5	FALSE
MW-3	9/28/2007	ND<2.5	FALSE
MW-3	3/26/2008	ND<1.35	FALSE
MW-3	9/30/2008	ND<2.5	FALSE
MW-3	**3/26/2009**	**5.1**	**TRUE**
MW-3	10/1/2009	ND<2.5	FALSE
MW-3	4/2/2010	ND<2.5	FALSE
MW-3	10/6/2010	ND<2.5	FALSE
MW-3	3/25/2011	ND<2.5	FALSE
MW-3	10/5/2011	ND<2.5	FALSE

MW-2	4/15/1998	ND<2.5	FALSE
MW-2	11/11/1998	ND<2.5	FALSE
MW-2	4/27/1999	ND<2.5	FALSE
MW-2	11/2/1999	ND<2.5	FALSE
MW-2	4/4/2000	ND<2.5	FALSE
MW-2	11/6/2000	ND<5	FALSE
MW-2	4/30/2001	ND<5	FALSE
MW-2	10/22/2001	ND<5	FALSE
MW-2	4/29/2002	ND<5	FALSE
MW-2	**10/28/2002**	**5.5**	**TRUE**
MW-2	3/24/2003	ND<2.5	FALSE
MW-2	9/29/2003	ND<2.5	FALSE
MW-2	3/29/2004	ND<2.5	FALSE
MW-2	9/27/2004	ND<2.5	FALSE
MW-2	4/11/2005	ND<2.5	FALSE
MW-2	9/26/2005	ND<2.5	FALSE
MW-2	3/27/2007	ND<5	FALSE
MW-2	9/28/2007	3.2	FALSE

MW-2	3/26/2008	ND<1.35	FALSE
MW-2	9/29/2008	ND<2.5	FALSE
MW-2	3/26/2009	ND<2.5	FALSE
MW-2	10/1/2009	ND<2.5	FALSE
MW-2	4/6/2010	ND<2.5	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	ND<2.5	FALSE

MW-2D	4/15/1998	ND<2.5	FALSE
MW-2D	11/11/1998	ND<2.5	FALSE
MW-2D	4/27/1999	ND<2.5	FALSE
MW-2D	11/2/1999	ND<2.5	FALSE
MW-2D	4/4/2000	ND<2.5	FALSE
MW-2D	11/6/2000	ND<5	FALSE
MW-2D	4/30/2001	ND<5	FALSE
MW-2D	10/22/2001	ND<5	FALSE
MW-2D	4/29/2002	ND<5	FALSE
MW-2D	10/28/2002	ND<2.5	FALSE
MW-2D	3/24/2003	ND<2.5	FALSE
MW-2D	9/29/2003	ND<2.5	FALSE
MW-2D	3/29/2004	ND<2.5	FALSE
MW-2D	9/27/2004	ND<2.5	FALSE
MW-2D	4/11/2005	ND<2.5	FALSE
MW-2D	9/26/2005	ND<2.5	FALSE
MW-2D	3/27/2007	ND<5	FALSE
MW-2D	9/28/2007	ND<2.5	FALSE
MW-2D	3/26/2008	ND<1.35	FALSE
MW-2D	9/29/2008	ND<2.5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	**4/6/2010**	**5.1**	**TRUE**
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	FALSE

MW-4	**4/15/1998**	**6**	**TRUE**
MW-4	11/9/1998	ND<2.5	FALSE
MW-4	4/26/1999	ND<2.5	FALSE
MW-4	11/1/1999	ND<2.5	FALSE
MW-4	4/4/2000	ND<2.5	FALSE
MW-4	11/6/2000	ND<5	FALSE
MW-4	4/30/2001	ND<5	FALSE
MW-4	10/22/2001	ND<5	FALSE
MW-4	4/29/2002	ND<5	FALSE
MW-4	10/28/2002	ND<2.5	FALSE
MW-4	3/24/2003	ND<2.5	FALSE
MW-4	9/30/2003	ND<2.5	FALSE
MW-4	3/29/2004	ND<2.5	FALSE
MW-4	9/27/2004	ND<2.5	FALSE
MW-4	4/11/2005	ND<2.5	FALSE
MW-4	9/26/2005	ND<2.5	FALSE
MW-4	3/27/2007	ND<5	FALSE
MW-4	9/28/2007	ND<2.5	FALSE
MW-4	3/26/2008	ND<1.35	FALSE

MW-4	9/29/2008	ND<2.5	FALSE
MW-4	3/26/2009	ND<2.5	FALSE
MW-4	10/2/2009	ND<2.5	FALSE
MW-4	4/6/2010	ND<2.5	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	ND<2.5	FALSE
MW-4D	4/15/1998	ND<2.5	FALSE
MW-4D	11/9/1998	ND<2.5	FALSE
MW-4D	4/26/1999	ND<2.5	FALSE
MW-4D	11/1/1999	ND<2.5	FALSE
MW-4D	4/4/2000	ND<2.5	FALSE
MW-4D	11/6/2000	ND<5	FALSE
MW-4D	4/30/2001	ND<5	FALSE
MW-4D	10/22/2001	ND<5	FALSE
MW-4D	4/29/2002	ND<5	FALSE
MW-4D	10/28/2002	ND<2.5	FALSE
MW-4D	3/24/2003	ND<2.5	FALSE
MW-4D	9/29/2003	ND<2.5	FALSE
MW-4D	3/29/2004	ND<2.5	FALSE
MW-4D	9/27/2004	ND<2.5	FALSE
MW-4D	4/11/2005	ND<2.5	FALSE
MW-4D	9/26/2005	ND<2.5	FALSE
MW-4D	3/27/2007	ND<5	FALSE
MW-4D	9/28/2007	ND<2.5	FALSE
MW-4D	3/26/2008	ND<1.35	FALSE
MW-4D	9/29/2008	ND<2.5	FALSE
MW-4D	3/26/2009	ND<2.5	FALSE
MW-4D	10/2/2009	ND<2.5	FALSE
MW-4D	4/6/2010	ND<2.5	FALSE
MW-4D	10/7/2010	ND<2.5	FALSE
MW-4D	3/29/2011	ND<2.5	FALSE
MW-4D	10/5/2011	ND<2.5	FALSE
MW-8	4/17/1998	ND<2.5	FALSE
MW-8	11/10/1998	5	FALSE
MW-8	4/26/1999	ND<2.5	FALSE
MW-8	11/1/1999	ND<2.5	FALSE
MW-8	4/3/2000	ND<2.5	FALSE
MW-8	11/7/2000	ND<5	FALSE
MW-8	4/30/2001	ND<5	FALSE
MW-8	10/22/2001	ND<5	FALSE
MW-8	1/14/2002	ND<5	FALSE
MW-8	4/29/2002	ND<5	FALSE
MW-8	10/28/2002	ND<2.5	FALSE
MW-8	3/25/2003	ND<2.5	FALSE
MW-8	9/30/2003	ND<2.5	FALSE
MW-8	3/30/2004	ND<2.5	FALSE
MW-8	9/27/2004	ND<2.5	FALSE
MW-8	4/12/2005	ND<2.5	FALSE
MW-8	9/27/2005	ND<2.5	FALSE
MW-8	3/27/2007	ND<5	FALSE
MW-8	9/28/2007	ND<2.5	FALSE
MW-8	3/27/2008	ND<1.35	FALSE

MW-8	9/29/2008	ND<2.5	FALSE
MW-8	3/25/2009	ND<2.5	FALSE
MW-8	10/5/2009	ND<2.5	FALSE
MW-8	4/6/2010	ND<2.5	FALSE
MW-8	10/8/2010	ND<2.5	FALSE
MW-8	3/29/2011	ND<2.5	FALSE
MW-8	10/6/2011	ND<2.5	FALSE
MW-8D	4/17/1998	ND<2.5	FALSE
MW-8D	11/10/1998	ND<2.5	FALSE
MW-8D	4/26/1999	ND<2.5	FALSE
MW-8D	11/1/1999	ND<2.5	FALSE
MW-8D	4/3/2000	ND<2.5	FALSE
MW-8D	11/7/2000	ND<5	FALSE
MW-8D	4/30/2001	ND<5	FALSE
MW-8D	10/22/2001	ND<5	FALSE
MW-8D	4/29/2002	ND<5	FALSE
MW-8D	10/28/2002	ND<2.5	FALSE
MW-8D	3/25/2003	ND<2.5	FALSE
MW-8D	9/30/2003	ND<2.5	FALSE
MW-8D	3/30/2004	ND<2.5	FALSE
MW-8D	9/27/2004	ND<2.5	FALSE
MW-8D	4/12/2005	ND<2.5	FALSE
MW-8D	9/27/2005	ND<2.5	FALSE
MW-8D	3/27/2007	ND<5	FALSE
MW-8D	9/28/2007	ND<2.5	FALSE
MW-8D	3/27/2008	ND<1.35	FALSE
MW-8D	9/29/2008	ND<2.5	FALSE
MW-8D	3/25/2009	ND<2.5	FALSE
MW-8D	10/5/2009	ND<2.5	FALSE
MW-8D	4/6/2010	ND<2.5	FALSE
MW-8D	10/8/2010	ND<2.5	FALSE
MW-8D	3/29/2011	ND<2.5	FALSE
MW-8D	10/6/2011	ND<2.5	FALSE
MW-11	4/29/2002	ND<5	FALSE
MW-11	10/29/2002	ND<2.5	FALSE
MW-11	3/25/2003	ND<2.5	FALSE
MW-11	9/29/2003	ND<2.5	FALSE
MW-11	3/30/2004	ND<2.5	FALSE
MW-11	9/27/2004	ND<2.5	FALSE
MW-11	4/12/2005	ND<2.5	FALSE
MW-11	9/26/2005	ND<2.5	FALSE
MW-11	3/27/2007	ND<5	FALSE
MW-11	9/27/2007	3.3	FALSE
MW-11	3/27/2008	ND<1.35	FALSE
MW-11	9/30/2008	ND<2.5	FALSE
MW-11	3/26/2009	ND<2.5	FALSE
MW-11	10/5/2009	ND<2.5	FALSE
MW-11	4/6/2010	ND<2.5	FALSE
MW-11	10/8/2010	ND<2.5	FALSE
MW-11	3/29/2011	ND<2.5	FALSE
MW-11	10/5/2011	ND<2.5	FALSE

MW-11D	4/29/2002	ND<5	FALSE
MW-11D	10/29/2002	ND<2.5	FALSE
MW-11D	3/25/2003	ND<2.5	FALSE
MW-11D	9/29/2003	ND<2.5	FALSE
MW-11D	3/30/2004	ND<2.5	FALSE
MW-11D	9/27/2004	ND<2.5	FALSE
MW-11D	4/12/2005	ND<2.5	FALSE
MW-11D	9/26/2005	ND<2.5	FALSE
MW-11D	3/27/2007	ND<5	FALSE
MW-11D	9/27/2007	ND<2.5	FALSE
MW-11D	3/27/2008	ND<1.35	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	FALSE

MW-10	4/30/2002	ND<5	FALSE
MW-10	10/29/2002	ND<2.5	FALSE
MW-10	3/25/2003	ND<2.5	FALSE
MW-10	9/30/2003	ND<2.5	FALSE
MW-10	3/30/2004	ND<2.5	FALSE
MW-10	9/27/2004	ND<2.5	FALSE
MW-10	4/12/2005	ND<2.5	FALSE
MW-10	9/27/2005	ND<2.5	FALSE
MW-10	3/27/2007	ND<5	FALSE
MW-10	9/27/2007	ND<2.5	FALSE
MW-10	3/26/2008	ND<1.35	FALSE
MW-10	9/26/2008	ND<2.5	FALSE
MW-10	3/26/2009	ND<2.5	FALSE
MW-10	10/1/2009	ND<2.5	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	ND<2.5	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	FALSE

MW-10D	4/30/2002	ND<5	FALSE
MW-10D	10/29/2002	ND<2.5	FALSE
MW-10D	3/25/2003	ND<2.5	FALSE
MW-10D	9/30/2003	ND<2.5	FALSE
MW-10D	3/30/2004	ND<2.5	FALSE
MW-10D	9/27/2004	ND<2.5	FALSE
MW-10D	4/12/2005	ND<2.5	FALSE
MW-10D	9/27/2005	ND<2.5	FALSE
MW-10D	3/27/2007	ND<5	FALSE
MW-10D	9/27/2007	ND<2.5	FALSE
MW-10D	3/26/2008	ND<1.35	FALSE
MW-10D	9/26/2008	ND<2.5	FALSE
MW-10D	3/26/2009	ND<2.5	FALSE
MW-10D	10/1/2009	ND<2.5	FALSE
MW-10D	4/2/2010	ND<2.5	FALSE
MW-10D	10/7/2010	ND<2.5	FALSE
MW-10D	3/29/2011	ND<2.5	FALSE

MW-10D	10/5/2011	ND<2.5	FALSE
MW-12	10/28/2002	ND<2.5	FALSE
MW-12	3/25/2003	ND<2.5	FALSE
MW-12	9/30/2003	ND<2.5	FALSE
MW-12	3/30/2004	ND<2.5	FALSE
MW-12	9/27/2004	ND<2.5	FALSE
MW-12	4/11/2005	ND<2.5	FALSE
MW-12	9/27/2005	ND<2.5	FALSE
MW-12	3/27/2007	ND<5	FALSE
MW-12	9/28/2007	4.4	FALSE
MW-12	3/27/2008	ND<1.35	FALSE
MW-12	9/30/2008	ND<2.5	FALSE
MW-12	3/26/2009	ND<2.5	FALSE
MW-12	10/2/2009	ND<2.5	FALSE
MW-12	4/6/2010	ND<2.5	FALSE
MW-12	10/7/2010	ND<2.5	FALSE
MW-12	3/29/2011	ND<2.5	FALSE
MW-12	10/6/2011	ND<2.5	FALSE
MW-12D	10/28/2002	ND<2.5	FALSE
MW-12D	**3/25/2003**	**7.8**	**TRUE**
MW-12D	9/30/2003	ND<2.5	FALSE
MW-12D	3/30/2004	ND<2.5	FALSE
MW-12D	9/27/2004	ND<2.5	FALSE
MW-12D	4/11/2005	ND<2.5	FALSE
MW-12D	9/27/2005	ND<2.5	FALSE
MW-12D	3/27/2007	ND<5	FALSE
MW-12D	**9/28/2007**	**6.3**	**TRUE**
MW-12D	3/27/2008	ND<1.35	FALSE
MW-12D	9/30/2008	ND<2.5	FALSE
MW-12D	3/26/2009	ND<2.5	FALSE
MW-12D	10/2/2009	ND<2.5	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	ND<2.5	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	ND<2.5	FALSE
MW-13	3/27/2007	ND<5	FALSE
MW-13	9/28/2007	ND<2.5	FALSE
MW-13	3/27/2008	ND<1.35	FALSE
MW-13	9/29/2008	ND<2.5	FALSE
MW-13	3/26/2009	ND<2.5	FALSE
MW-13	10/2/2009	ND<2.5	FALSE
MW-13	4/2/2010	ND<2.5	FALSE
MW-13	10/7/2010	ND<2.5	FALSE
MW-13	3/25/2011	ND<2.5	FALSE
MW-13	10/6/2011	ND<2.5	FALSE
MW-13D	9/27/2005	ND<2.5	FALSE
MW-13D	3/27/2007	ND<5	FALSE
MW-13D	9/28/2007	ND<2.5	FALSE

MW-13D	3/27/2008	ND<1.35	FALSE
MW-13D	9/29/2008	ND<2.5	FALSE
MW-13D	3/26/2009	ND<2.5	FALSE
MW-13D	10/2/2009	ND<2.5	FALSE
MW-13D	4/2/2010	ND<2.5	FALSE
MW-13D	10/7/2010	ND<2.5	FALSE
MW-13D	3/25/2011	ND<2.5	FALSE
MW-13D	10/6/2011	ND<2.5	FALSE
MW-14	3/27/2007	ND<5	FALSE
MW-14	**9/28/2007**	**7**	**TRUE**
MW-14	3/27/2008	ND<1.35	FALSE
MW-14	9/30/2008	ND<2.5	FALSE
MW-14	3/26/2009	ND<2.5	FALSE
MW-14	10/2/2009	ND<2.5	FALSE
MW-14	4/6/2010	ND<2.5	FALSE
MW-14	10/7/2010	ND<2.5	FALSE
MW-14	3/29/2011	ND<2.5	FALSE
MW-14	10/6/2011	ND<2.5	FALSE
MW-14D	3/27/2007	ND<5	FALSE
MW-14D	9/28/2007	ND<2.5	FALSE
MW-14D	3/27/2008	ND<1.35	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Arsenic

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 10

0 background measurements exceed 10
3 compliance measurements exceed 10

p background = 0 = 0 / 48
p compliance = 0.00689655 = 3 / 435
p total = 0.00621118 = 3 / 483

nPs = 3 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 432
m(1-Pb = 48

Zp = 0.577151 = 0.00689655 / 0.0119493
Z critical = 1.64485 at 95% confidence level

0.577151 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 10

Non-Parametric Tolerance Interval

Parameter: Barium

Original Data (Not Transformed)
Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 1.24224%
Background measurements (n) = 48
Maximum Background Concentration = 1290
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

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	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-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	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-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	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	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-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-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-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	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	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-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	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-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	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-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	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-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	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-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	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-11	4/29/2002	270	FALSE
MW-11	10/29/2002	ND<2.5	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	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-11D	4/29/2002	350	FALSE
MW-11D	10/29/2002	ND<2.5	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	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-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-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	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-12	10/28/2002	ND<2.5	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	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-12D	10/28/2002	ND<2.5	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	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-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-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-14	3/27/2007	68	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-14D	3/27/2007	11	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

Two-Sample Test of Proportions

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 700

3 background measurements exceed 700
21 compliance measurements exceed 700

p background = 0.0625 = 3 / 48
p compliance = 0.0482759 = 21 / 435
p total = 0.0496894 = 24 / 483

nPs = 21
mPb = 3 < 5.0
n(1-Ps) = 414
m(1-Pb = 45

Zp = -0.430381 = -0.0142241 / 0.0330501
Z critical = 1.64485 at 95% confidence level

-0.430381 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 700

Non-Parametric Tolerance Interval

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 46.5839%
Background measurements (n) = 48
Maximum Background Concentration = 202
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

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	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	FALSE
MW-5	9/27/2007	3.2	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	FALSE
MW-5	10/6/2010	ND<2.5	FALSE
MW-5	3/25/2011	ND<2.5	FALSE
MW-5	10/5/2011	ND<2.5	FALSE
MW-5D	4/13/1998	ND<5	FALSE
MW-5D	11/11/1998	4	FALSE
MW-5D	4/26/1999	3	FALSE
MW-5D	11/2/1999	3	FALSE
MW-5D	4/3/2000	1	FALSE
MW-5D	11/6/2000	ND<2.5	FALSE
MW-5D	4/30/2001	ND<2.5	FALSE
MW-5D	10/22/2001	ND<2.5	FALSE
MW-5D	4/29/2002	7	FALSE
MW-5D	10/28/2002	ND<2.5	FALSE
MW-5D	3/24/2003	ND<2.5	FALSE
MW-5D	9/29/2003	ND<1	FALSE
MW-5D	3/29/2004	ND<1	FALSE
MW-5D	9/27/2004	ND<1	FALSE
MW-5D	4/12/2005	ND<1	FALSE
MW-5D	9/26/2005	ND<1	FALSE

MW-5D	3/27/2007	0.92	FALSE
MW-5D	9/27/2007	1.3	FALSE
MW-5D	3/26/2008	ND<0.2	FALSE
MW-5D	9/30/2008	ND<2.5	FALSE
MW-5D	3/26/2009	ND<2.5	FALSE
MW-5D	10/2/2009	ND<2.5	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	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	FALSE
MW-6	11/6/2000	5.2	FALSE
MW-6	4/30/2001	ND<2.5	FALSE
MW-6	**10/22/2001**	**350**	**TRUE**
MW-6	**4/29/2002**	**260**	**TRUE**
MW-6	10/28/2002	ND<2.5	FALSE
MW-6	3/25/2003	ND<2.5	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	3/30/2004	ND<1	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	FALSE
MW-6	9/27/2007	2.5	FALSE
MW-6	3/26/2008	31.6	FALSE
MW-6	9/30/2008	ND<2.5	FALSE
MW-6	3/26/2009	6.6	FALSE
MW-6	10/2/2009	ND<2.5	FALSE
MW-6	4/2/2010	29.6	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	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	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	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	FALSE

MW-7	9/27/2007	2.7	FALSE
MW-7	3/26/2008	ND<0.2	FALSE
MW-7	9/26/2008	6.2	FALSE
MW-7	3/26/2009	ND<2.5	FALSE
MW-7	10/1/2009	ND<2.5	FALSE
MW-7	4/2/2010	ND<2.5	FALSE
MW-7	10/6/2010	ND<2.5	FALSE
MW-7	3/25/2011	ND<2.5	FALSE
MW-7	10/5/2011	5.2	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	FALSE
MW-3	11/6/2000	10	FALSE
MW-3	4/30/2001	ND<2.5	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	FALSE

MW-2	4/15/1998	40	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	FALSE
MW-2	10/22/2001	55	FALSE
MW-2	4/29/2002	68	FALSE
MW-2	10/28/2002	ND<2.5	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	FALSE
MW-2	9/28/2007	59.1	FALSE

MW-2	3/26/2008	ND<0.2	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	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	6.1	FALSE
MW-2D	4/15/1998	ND<5	FALSE
MW-2D	11/11/1998	12	FALSE
MW-2D	4/27/1999	3	FALSE
MW-2D	11/2/1999	4	FALSE
MW-2D	4/4/2000	2	FALSE
MW-2D	11/6/2000	ND<2.5	FALSE
MW-2D	4/30/2001	ND<2.5	FALSE
MW-2D	10/22/2001	ND<2.5	FALSE
MW-2D	4/29/2002	10	FALSE
MW-2D	10/28/2002	ND<2.5	FALSE
MW-2D	3/24/2003	ND<2.5	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	FALSE
MW-2D	9/26/2005	2.1	FALSE
MW-2D	3/27/2007	0.5	FALSE
MW-2D	9/28/2007	0.6	FALSE
MW-2D	3/26/2008	ND<0.2	FALSE
MW-2D	9/29/2008	ND<2.5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	4/6/2010	ND<2.5	FALSE
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	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	FALSE
MW-4	4/30/2001	ND<2.5	FALSE
MW-4	10/22/2001	18	FALSE
MW-4	4/29/2002	16	FALSE
MW-4	10/28/2002	ND<2.5	FALSE
MW-4	3/24/2003	9.3	FALSE
MW-4	9/30/2003	ND<1	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	FALSE
MW-4	9/28/2007	1.3	FALSE
MW-4	3/26/2008	ND<0.2	FALSE

MW-4	9/29/2008	ND<2.5	FALSE
MW-4	3/26/2009	ND<2.5	FALSE
MW-4	10/2/2009	ND<2.5	FALSE
MW-4	4/6/2010	ND<2.5	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	5.3	FALSE
MW-4D	4/15/1998	ND<5	FALSE
MW-4D	11/9/1998	4	FALSE
MW-4D	4/26/1999	3	FALSE
MW-4D	11/1/1999	3	FALSE
MW-4D	4/4/2000	ND<0.5	FALSE
MW-4D	11/6/2000	ND<2.5	FALSE
MW-4D	4/30/2001	ND<2.5	FALSE
MW-4D	10/22/2001	28	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5	FALSE
MW-4D	3/24/2003	ND<2.5	FALSE
MW-4D	9/29/2003	ND<1	FALSE
MW-4D	3/29/2004	8	FALSE
MW-4D	9/27/2004	ND<1	FALSE
MW-4D	4/11/2005	ND<1	FALSE
MW-4D	9/26/2005	ND<1	FALSE
MW-4D	3/27/2007	ND<5	FALSE
MW-4D	9/28/2007	0.59	FALSE
MW-4D	3/26/2008	ND<0.2	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	FALSE
MW-4D	10/7/2010	ND<2.5	FALSE
MW-4D	3/29/2011	ND<2.5	FALSE
MW-4D	10/5/2011	ND<2.5	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	FALSE
MW-8	11/7/2000	ND<2.5	FALSE
MW-8	4/30/2001	ND<2.5	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	FALSE
MW-8	3/25/2003	ND<2.5	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	FALSE
MW-8	9/28/2007	2.2	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	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	FALSE
MW-8	3/29/2011	ND<2.5	FALSE
MW-8	10/6/2011	ND<2.5	FALSE
MW-8D	4/17/1998	ND<5	FALSE
MW-8D	11/10/1998	3	FALSE
MW-8D	4/26/1999	3	FALSE
MW-8D	11/1/1999	2	FALSE
MW-8D	4/3/2000	2	FALSE
MW-8D	11/7/2000	ND<2.5	FALSE
MW-8D	4/30/2001	ND<2.5	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	FALSE
MW-8D	3/25/2003	ND<2.5	FALSE
MW-8D	9/30/2003	ND<1	FALSE
MW-8D	3/30/2004	ND<1	FALSE
MW-8D	9/27/2004	ND<1	FALSE
MW-8D	4/12/2005	ND<1	FALSE
MW-8D	9/27/2005	ND<1	FALSE
MW-8D	3/27/2007	1.9	FALSE
MW-8D	9/28/2007	1.4	FALSE
MW-8D	3/27/2008	ND<0.2	FALSE
MW-8D	9/29/2008	ND<2.5	FALSE
MW-8D	3/25/2009	ND<2.5	FALSE
MW-8D	10/5/2009	ND<2.5	FALSE
MW-8D	4/6/2010	ND<2.5	FALSE
MW-8D	10/8/2010	ND<2.5	FALSE
MW-8D	3/29/2011	ND<2.5	FALSE
MW-8D	10/6/2011	ND<2.5	FALSE
MW-11	4/29/2002	150	FALSE
MW-11	10/29/2002	ND<2.5	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	FALSE
MW-11	4/12/2005	2	FALSE
MW-11	9/26/2005	6	FALSE
MW-11	3/27/2007	0.83	FALSE
MW-11	9/27/2007	45.5	FALSE
MW-11	3/27/2008	ND<0.2	FALSE
MW-11	9/30/2008	ND<2.5	FALSE
MW-11	3/26/2009	ND<2.5	FALSE
MW-11	10/5/2009	ND<2.5	FALSE
MW-11	4/6/2010	ND<2.5	FALSE
MW-11	10/8/2010	ND<2.5	FALSE
MW-11	3/29/2011	ND<2.5	FALSE
MW-11	10/5/2011	ND<2.5	FALSE

MW-11D	4/29/2002	12	FALSE
MW-11D	10/29/2002	ND<2.5	FALSE
MW-11D	3/25/2003	ND<2.5	FALSE
MW-11D	9/29/2003	ND<1	FALSE
MW-11D	3/30/2004	ND<1	FALSE
MW-11D	9/27/2004	ND<1	FALSE
MW-11D	4/12/2005	ND<1	FALSE
MW-11D	9/26/2005	ND<1	FALSE
MW-11D	3/27/2007	ND<5	FALSE
MW-11D	9/27/2007	ND<2.5	FALSE
MW-11D	3/27/2008	ND<0.2	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	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	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	FALSE
MW-10	10/1/2009	7.5	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	ND<2.5	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	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	FALSE
MW-10D	3/30/2004	ND<1	FALSE
MW-10D	9/27/2004	ND<1	FALSE
MW-10D	4/12/2005	8	FALSE
MW-10D	9/27/2005	33	FALSE
MW-10D	3/27/2007	0.7	FALSE
MW-10D	9/27/2007	2	FALSE
MW-10D	3/26/2008	ND<0.2	FALSE
MW-10D	9/26/2008	ND<2.5	FALSE
MW-10D	3/26/2009	ND<2.5	FALSE
MW-10D	10/1/2009	ND<2.5	FALSE
MW-10D	4/2/2010	ND<2.5	FALSE
MW-10D	10/7/2010	ND<2.5	FALSE
MW-10D	3/29/2011	ND<2.5	FALSE

MW-10D	10/5/2011	ND<2.5	FALSE
MW-12	10/28/2002	ND<2.5	FALSE
MW-12	3/25/2003	36	FALSE
MW-12	9/30/2003	7.7	FALSE
MW-12	3/30/2004	ND<1	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	FALSE
MW-12	9/28/2007	36.8	FALSE
MW-12	3/27/2008	ND<0.2	FALSE
MW-12	9/30/2008	ND<2.5	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	FALSE
MW-12	10/7/2010	6.1	FALSE
MW-12	3/29/2011	ND<2.5	FALSE
MW-12	10/6/2011	ND<2.5	FALSE
MW-12D	10/28/2002	ND<2.5	FALSE
MW-12D	3/25/2003	170	FALSE
MW-12D	9/30/2003	13	FALSE
MW-12D	3/30/2004	ND<1	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	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	FALSE
MW-12D	3/26/2009	ND<2.5	FALSE
MW-12D	10/2/2009	ND<2.5	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	ND<2.5	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	ND<1	FALSE
MW-13	3/27/2007	ND<5	FALSE
MW-13	9/28/2007	0.94	FALSE
MW-13	3/27/2008	ND<0.2	FALSE
MW-13	9/29/2008	ND<2.5	FALSE
MW-13	3/26/2009	ND<2.5	FALSE
MW-13	10/2/2009	ND<2.5	FALSE
MW-13	4/2/2010	ND<2.5	FALSE
MW-13	10/7/2010	ND<2.5	FALSE
MW-13	3/25/2011	ND<2.5	FALSE
MW-13	10/6/2011	ND<2.5	FALSE
MW-13D	9/27/2005	64	FALSE
MW-13D	3/27/2007	15	FALSE
MW-13D	9/28/2007	1.2	FALSE

MW-13D	3/27/2008	ND<0.2	FALSE
MW-13D	9/29/2008	ND<2.5	FALSE
MW-13D	3/26/2009	9.9	FALSE
MW-13D	10/2/2009	ND<2.5	FALSE
MW-13D	4/2/2010	ND<2.5	FALSE
MW-13D	10/7/2010	ND<2.5	FALSE
MW-13D	3/25/2011	ND<2.5	FALSE
MW-13D	10/6/2011	ND<2.5	FALSE
MW-14	3/27/2007	8.1	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	FALSE
MW-14	10/2/2009	ND<2.5	FALSE
MW-14	4/6/2010	ND<2.5	FALSE
MW-14	10/7/2010	10.7	FALSE
MW-14	3/29/2011	ND<2.5	FALSE
MW-14	10/6/2011	5.1	FALSE
MW-14D	3/27/2007	ND<5	FALSE
MW-14D	9/28/2007	ND<2.5	FALSE
MW-14D	3/27/2008	ND<0.2	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 10

18 background measurements exceed 10
113 compliance measurements exceed 10

p background = 0.375 = 18 / 48
p compliance = 0.25977 = 113 / 435
p total = 0.271222 = 131 / 483

nPs = 113
mPb = 18
n(1-Ps) = 322
m(1-Pb = 30

Zp = -1.70411 = -0.11523 / 0.0676189
Z critical = 1.64485 at 95% confidence level

-1.70411 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 10

MW-5D	3/27/2007	ND<5	FALSE
MW-5D	9/27/2007	ND<2.5	FALSE
MW-5D	3/26/2008	ND<0.3	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	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	FALSE
MW-6	4/13/1998	20	FALSE
MW-6	11/11/1998	26	FALSE
MW-6	4/26/1999	10	FALSE
MW-6	11/2/1999	7	FALSE
MW-6	4/3/2000	8	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	FALSE
MW-6	3/25/2003	ND<2.5	FALSE
MW-6	9/29/2003	100	FALSE
MW-6	3/30/2004	ND<2.5	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	FALSE
MW-6	9/27/2007	2.7	FALSE
MW-6	3/26/2008	ND<0.3	FALSE
MW-6	9/30/2008	6.3	FALSE
MW-6	3/26/2009	7	FALSE
MW-6	10/2/2009	ND<2.5	FALSE
MW-6	4/2/2010	12	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	FALSE
MW-7	4/13/1998	29	FALSE
MW-7	11/11/1998	29	FALSE
MW-7	4/26/1999	ND<2.5	FALSE
MW-7	11/2/1999	ND<2.5	FALSE
MW-7	4/3/2000	ND<2.5	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	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	FALSE

MW-7	9/27/2007	ND<2.5	FALSE
MW-7	3/26/2008	ND<0.3	FALSE
MW-7	9/26/2008	ND<2.5	FALSE
MW-7	3/26/2009	ND<2.5	FALSE
MW-7	10/1/2009	ND<2.5	FALSE
MW-7	4/2/2010	ND<2.5	FALSE
MW-7	10/6/2010	ND<2.5	FALSE
MW-7	3/25/2011	ND<2.5	FALSE
MW-7	10/5/2011	ND<2.5	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	FALSE
MW-3	4/3/2000	ND<2.5	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	FALSE
MW-3	9/28/2007	8.5	FALSE
MW-3	3/26/2008	ND<0.3	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-2	4/15/1998	42	FALSE
MW-2	11/11/1998	31	FALSE
MW-2	4/27/1999	ND<2.5	FALSE
MW-2	11/2/1999	17	FALSE
MW-2	4/4/2000	13	FALSE
MW-2	11/6/2000	ND<2.5	FALSE
MW-2	4/30/2001	ND<2.5	FALSE
MW-2	10/22/2001	44	FALSE
MW-2	4/29/2002	68	FALSE
MW-2	10/28/2002	ND<2.5	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	FALSE
MW-2	9/28/2007	49.9	FALSE

MW-2	3/26/2008	ND<0.3	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	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	5.4	FALSE
MW-2D	4/15/1998	ND<2.5	FALSE
MW-2D	11/11/1998	ND<2.5	FALSE
MW-2D	4/27/1999	ND<2.5	FALSE
MW-2D	11/2/1999	ND<2.5	FALSE
MW-2D	4/4/2000	ND<2.5	FALSE
MW-2D	11/6/2000	ND<2.5	FALSE
MW-2D	4/30/2001	ND<2.5	FALSE
MW-2D	10/22/2001	ND<2.5	FALSE
MW-2D	4/29/2002	5.8	FALSE
MW-2D	10/28/2002	ND<2.5	FALSE
MW-2D	3/24/2003	ND<2.5	FALSE
MW-2D	9/29/2003	ND<2.5	FALSE
MW-2D	3/29/2004	ND<2.5	FALSE
MW-2D	9/27/2004	ND<2.5	FALSE
MW-2D	4/11/2005	ND<2.5	FALSE
MW-2D	9/26/2005	ND<2.5	FALSE
MW-2D	3/27/2007	ND<5	FALSE
MW-2D	9/28/2007	4.2	FALSE
MW-2D	3/26/2008	ND<0.3	FALSE
MW-2D	9/29/2008	5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	4/6/2010	ND<2.5	FALSE
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	FALSE
MW-4	4/15/1998	84	FALSE
MW-4	11/9/1998	18	FALSE
MW-4	4/26/1999	14	FALSE
MW-4	11/1/1999	6	FALSE
MW-4	4/4/2000	17	FALSE
MW-4	11/6/2000	ND<2.5	FALSE
MW-4	4/30/2001	ND<2.5	FALSE
MW-4	10/22/2001	11	FALSE
MW-4	4/29/2002	9.3	FALSE
MW-4	10/28/2002	ND<2.5	FALSE
MW-4	3/24/2003	ND<2.5	FALSE
MW-4	9/30/2003	ND<2.5	FALSE
MW-4	3/29/2004	6.9	FALSE
MW-4	9/27/2004	ND<2.5	FALSE
MW-4	4/11/2005	17	FALSE
MW-4	9/26/2005	ND<2.5	FALSE
MW-4	3/27/2007	0.91	FALSE
MW-4	9/28/2007	1.7	FALSE
MW-4	3/26/2008	ND<0.3	FALSE

MW-4	9/29/2008	ND<2.5	FALSE
MW-4	3/26/2009	ND<2.5	FALSE
MW-4	10/2/2009	ND<2.5	FALSE
MW-4	4/6/2010	ND<2.5	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	ND<2.5	FALSE
MW-4D	4/15/1998	ND<2.5	FALSE
MW-4D	11/9/1998	ND<2.5	FALSE
MW-4D	4/26/1999	ND<2.5	FALSE
MW-4D	11/1/1999	ND<2.5	FALSE
MW-4D	4/4/2000	ND<2.5	FALSE
MW-4D	11/6/2000	ND<2.5	FALSE
MW-4D	4/30/2001	ND<2.5	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	FALSE
MW-4D	3/24/2003	ND<2.5	FALSE
MW-4D	9/29/2003	ND<2.5	FALSE
MW-4D	3/29/2004	ND<2.5	FALSE
MW-4D	9/27/2004	ND<2.5	FALSE
MW-4D	4/11/2005	ND<2.5	FALSE
MW-4D	9/26/2005	ND<2.5	FALSE
MW-4D	3/27/2007	0.64	FALSE
MW-4D	9/28/2007	ND<2.5	FALSE
MW-4D	3/26/2008	ND<0.3	FALSE
MW-4D	9/29/2008	5.4	FALSE
MW-4D	3/26/2009	ND<2.5	FALSE
MW-4D	10/2/2009	ND<2.5	FALSE
MW-4D	4/6/2010	ND<2.5	FALSE
MW-4D	10/7/2010	ND<2.5	FALSE
MW-4D	3/29/2011	ND<2.5	FALSE
MW-4D	10/5/2011	ND<2.5	FALSE
MW-8	4/17/1998	8	FALSE
MW-8	11/10/1998	23	FALSE
MW-8	4/26/1999	ND<2.5	FALSE
MW-8	11/1/1999	ND<2.5	FALSE
MW-8	4/3/2000	ND<2.5	FALSE
MW-8	11/7/2000	ND<2.5	FALSE
MW-8	4/30/2001	9.7	FALSE
MW-8	10/22/2001	37	FALSE
MW-8	1/14/2002	ND<2.5	FALSE
MW-8	4/29/2002	17	FALSE
MW-8	10/28/2002	ND<2.5	FALSE
MW-8	3/25/2003	ND<2.5	FALSE
MW-8	9/30/2003	ND<2.5	FALSE
MW-8	3/30/2004	ND<2.5	FALSE
MW-8	9/27/2004	ND<2.5	FALSE
MW-8	4/12/2005	ND<2.5	FALSE
MW-8	9/27/2005	ND<2.5	FALSE
MW-8	3/27/2007	ND<5	FALSE
MW-8	9/28/2007	2.6	FALSE
MW-8	3/27/2008	ND<0.3	FALSE

MW-8	9/29/2008	ND<2.5	FALSE
MW-8	3/25/2009	ND<2.5	FALSE
MW-8	10/5/2009	ND<2.5	FALSE
MW-8	4/6/2010	ND<2.5	FALSE
MW-8	10/8/2010	ND<2.5	FALSE
MW-8	3/29/2011	ND<2.5	FALSE
MW-8	10/6/2011	ND<2.5	FALSE
MW-8D	4/17/1998	ND<2.5	FALSE
MW-8D	11/10/1998	ND<2.5	FALSE
MW-8D	4/26/1999	ND<2.5	FALSE
MW-8D	11/1/1999	ND<2.5	FALSE
MW-8D	4/3/2000	ND<2.5	FALSE
MW-8D	11/7/2000	ND<2.5	FALSE
MW-8D	4/30/2001	ND<2.5	FALSE
MW-8D	10/22/2001	ND<2.5	FALSE
MW-8D	4/29/2002	ND<2.5	FALSE
MW-8D	10/28/2002	ND<2.5	FALSE
MW-8D	3/25/2003	ND<2.5	FALSE
MW-8D	9/30/2003	ND<2.5	FALSE
MW-8D	3/30/2004	ND<2.5	FALSE
MW-8D	9/27/2004	ND<2.5	FALSE
MW-8D	4/12/2005	ND<2.5	FALSE
MW-8D	9/27/2005	ND<2.5	FALSE
MW-8D	3/27/2007	ND<5	FALSE
MW-8D	9/28/2007	3.5	FALSE
MW-8D	3/27/2008	ND<0.3	FALSE
MW-8D	9/29/2008	ND<2.5	FALSE
MW-8D	3/25/2009	ND<2.5	FALSE
MW-8D	10/5/2009	ND<2.5	FALSE
MW-8D	4/6/2010	ND<2.5	FALSE
MW-8D	10/8/2010	ND<2.5	FALSE
MW-8D	3/29/2011	ND<2.5	FALSE
MW-8D	10/6/2011	ND<2.5	FALSE
MW-11	4/29/2002	46	FALSE
MW-11	10/29/2002	ND<2.5	FALSE
MW-11	3/25/2003	ND<2.5	FALSE
MW-11	9/29/2003	ND<2.5	FALSE
MW-11	3/30/2004	9.8	FALSE
MW-11	9/27/2004	ND<2.5	FALSE
MW-11	4/12/2005	ND<2.5	FALSE
MW-11	9/26/2005	5.8	FALSE
MW-11	3/27/2007	1.4	FALSE
MW-11	9/27/2007	13.3	FALSE
MW-11	3/27/2008	ND<0.3	FALSE
MW-11	9/30/2008	ND<2.5	FALSE
MW-11	3/26/2009	ND<2.5	FALSE
MW-11	10/5/2009	ND<2.5	FALSE
MW-11	4/6/2010	ND<2.5	FALSE
MW-11	10/8/2010	ND<2.5	FALSE
MW-11	3/29/2011	ND<2.5	FALSE
MW-11	10/5/2011	ND<2.5	FALSE

MW-11D	4/29/2002	8.4	FALSE
MW-11D	10/29/2002	ND<2.5	FALSE
MW-11D	3/25/2003	ND<2.5	FALSE
MW-11D	9/29/2003	ND<2.5	FALSE
MW-11D	3/30/2004	ND<2.5	FALSE
MW-11D	9/27/2004	ND<2.5	FALSE
MW-11D	4/12/2005	ND<2.5	FALSE
MW-11D	9/26/2005	ND<2.5	FALSE
MW-11D	3/27/2007	ND<5	FALSE
MW-11D	9/27/2007	ND<2.5	FALSE
MW-11D	3/27/2008	ND<0.3	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	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	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	FALSE
MW-10	9/27/2007	ND<2.5	FALSE
MW-10	3/26/2008	ND<0.3	FALSE
MW-10	9/26/2008	ND<2.5	FALSE
MW-10	3/26/2009	ND<2.5	FALSE
MW-10	10/1/2009	ND<2.5	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	ND<2.5	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	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	FALSE
MW-10D	3/30/2004	ND<2.5	FALSE
MW-10D	9/27/2004	ND<2.5	FALSE
MW-10D	4/12/2005	5.9	FALSE
MW-10D	9/27/2005	19	FALSE
MW-10D	3/27/2007	ND<5	FALSE
MW-10D	9/27/2007	3.6	FALSE
MW-10D	3/26/2008	ND<0.3	FALSE
MW-10D	9/26/2008	ND<2.5	FALSE
MW-10D	3/26/2009	ND<2.5	FALSE
MW-10D	10/1/2009	ND<2.5	FALSE
MW-10D	4/2/2010	ND<2.5	FALSE
MW-10D	10/7/2010	ND<2.5	FALSE
MW-10D	3/29/2011	ND<2.5	FALSE

MW-10D	10/5/2011	ND<2.5	FALSE
MW-12	10/28/2002	ND<2.5	FALSE
MW-12	3/25/2003	18	FALSE
MW-12	9/30/2003	ND<2.5	FALSE
MW-12	3/30/2004	ND<2.5	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	FALSE
MW-12	9/28/2007	11.9	FALSE
MW-12	3/27/2008	ND<0.3	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	FALSE
MW-12	4/6/2010	ND<2.5	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5	FALSE
MW-12	10/6/2011	ND<2.5	FALSE
MW-12D	10/28/2002	ND<2.5	FALSE
MW-12D	3/25/2003	81	FALSE
MW-12D	9/30/2003	ND<2.5	FALSE
MW-12D	3/30/2004	ND<2.5	FALSE
MW-12D	9/27/2004	22	FALSE
MW-12D	4/11/2005	15	FALSE
MW-12D	9/27/2005	ND<2.5	FALSE
MW-12D	3/27/2007	1.1	FALSE
MW-12D	9/28/2007	28.8	FALSE
MW-12D	3/27/2008	ND<0.3	FALSE
MW-12D	9/30/2008	5.7	FALSE
MW-12D	3/26/2009	ND<2.5	FALSE
MW-12D	10/2/2009	ND<2.5	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	ND<2.5	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	18	FALSE
MW-13	3/27/2007	21	FALSE
MW-13	9/28/2007	ND<2.5	FALSE
MW-13	3/27/2008	ND<0.3	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	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-13D	9/27/2005	12	FALSE
MW-13D	3/27/2007	ND<5	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-14	3/27/2007	ND<5	FALSE
MW-14	9/28/2007	24	FALSE
MW-14	3/27/2008	ND<0.3	FALSE
MW-14	9/30/2008	7.5	FALSE
MW-14	3/26/2009	ND<2.5	FALSE
MW-14	10/2/2009	ND<2.5	FALSE
MW-14	4/6/2010	ND<2.5	FALSE
MW-14	10/7/2010	ND<2.5	FALSE
MW-14	3/29/2011	ND<2.5	FALSE
MW-14	10/6/2011	ND<2.5	FALSE
MW-14D	3/27/2007	ND<5	FALSE
MW-14D	9/28/2007	ND<2.5	FALSE
MW-14D	3/27/2008	ND<0.3	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 1

45 background measurements exceed 1
412 compliance measurements exceed 1

p background = 0.9375 = 45 / 48
p compliance = 0.947126 = 412 / 435
p total = 0.94617 = 457 / 483

nPs = 412
mPb = 45
n(1-Ps) = 23
m(1-Pb = 3 < 5.0

Zp = 0.280453 = 0.00962644 / 0.0343246
Z critical = 1.64485 at 95% confidence level

0.280453 < 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 = 46.7909%
Background measurements (n) = 48
Maximum Background Concentration = 240
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

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	FALSE
MW-5	11/2/1999	ND<2.5	FALSE
MW-5	4/3/2000	ND<2.5	FALSE
MW-5	11/6/2000	13	FALSE
MW-5	4/30/2001	ND<2.5	FALSE
MW-5	10/22/2001	ND<2.5	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	FALSE
MW-5	9/26/2005	2.5	FALSE
MW-5	3/27/2007	2.1	FALSE
MW-5	9/27/2007	ND<2.5	FALSE
MW-5	3/26/2008	ND<0.15	FALSE
MW-5	9/30/2008	15.3	FALSE
MW-5	3/26/2009	ND<2.5	FALSE
MW-5	10/2/2009	6	FALSE
MW-5	4/2/2010	ND<2.5	FALSE
MW-5	10/6/2010	ND<2.5	FALSE
MW-5	3/25/2011	ND<2.5	FALSE
MW-5	10/5/2011	ND<2.5	FALSE
MW-5D	4/13/1998	ND<2.5	FALSE
MW-5D	11/11/1998	ND<2.5	FALSE
MW-5D	4/26/1999	ND<2.5	FALSE
MW-5D	11/2/1999	7	FALSE
MW-5D	4/3/2000	ND<2.5	FALSE
MW-5D	11/6/2000	ND<2.5	FALSE
MW-5D	4/30/2001	ND<2.5	FALSE
MW-5D	10/22/2001	ND<2.5	FALSE
MW-5D	4/29/2002	5.8	FALSE
MW-5D	10/28/2002	3	FALSE
MW-5D	3/24/2003	ND<1	FALSE
MW-5D	9/29/2003	2.2	FALSE
MW-5D	3/29/2004	ND<1	FALSE
MW-5D	9/27/2004	ND<1	FALSE
MW-5D	4/12/2005	ND<1	FALSE
MW-5D	9/26/2005	ND<1	FALSE

MW-5D	3/27/2007	1.5	FALSE
MW-5D	9/27/2007	0.78	FALSE
MW-5D	3/26/2008	ND<0.15	FALSE
MW-5D	9/30/2008	ND<2.5	FALSE
MW-5D	3/26/2009	ND<2.5	FALSE
MW-5D	10/2/2009	ND<2.5	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	FALSE
MW-6	4/13/1998	25	FALSE
MW-6	11/11/1998	30	FALSE
MW-6	4/26/1999	11	FALSE
MW-6	11/2/1999	10	FALSE
MW-6	4/3/2000	5	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	FALSE
MW-6	3/25/2003	ND<1	FALSE
MW-6	9/29/2003	130	FALSE
MW-6	3/30/2004	ND<1	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	FALSE
MW-6	9/27/2007	2.9	FALSE
MW-6	3/26/2008	15.6	FALSE
MW-6	9/30/2008	ND<2.5	FALSE
MW-6	3/26/2009	ND<2.5	FALSE
MW-6	10/2/2009	ND<2.5	FALSE
MW-6	4/2/2010	11	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	FALSE
MW-7	4/13/1998	50	FALSE
MW-7	11/11/1998	51	FALSE
MW-7	4/26/1999	6	FALSE
MW-7	11/2/1999	6	FALSE
MW-7	4/3/2000	ND<2.5	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	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	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	FALSE
MW-7	10/1/2009	ND<2.5	FALSE
MW-7	4/2/2010	ND<2.5	FALSE
MW-7	10/6/2010	ND<2.5	FALSE
MW-7	3/25/2011	ND<2.5	FALSE
MW-7	10/5/2011	7.2	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	FALSE
MW-3	4/3/2000	ND<2.5	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	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	FALSE
MW-3	10/6/2010	7.5	FALSE
MW-3	3/25/2011	ND<2.5	FALSE
MW-3	10/5/2011	ND<2.5	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	FALSE
MW-2	4/4/2000	10	FALSE
MW-2	11/6/2000	ND<2.5	FALSE
MW-2	4/30/2001	ND<2.5	FALSE
MW-2	10/22/2001	34	FALSE
MW-2	4/29/2002	50	FALSE
MW-2	10/28/2002	ND<1	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	FALSE
MW-2	9/28/2007	50.9	FALSE

MW-2	3/26/2008	ND<0.15	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	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	6.1	FALSE
MW-2D	4/15/1998	ND<2.5	FALSE
MW-2D	11/11/1998	7	FALSE
MW-2D	4/27/1999	ND<2.5	FALSE
MW-2D	11/2/1999	ND<2.5	FALSE
MW-2D	4/4/2000	ND<2.5	FALSE
MW-2D	11/6/2000	ND<2.5	FALSE
MW-2D	4/30/2001	ND<2.5	FALSE
MW-2D	10/22/2001	ND<2.5	FALSE
MW-2D	4/29/2002	8.5	FALSE
MW-2D	10/28/2002	5	FALSE
MW-2D	3/24/2003	ND<1	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	FALSE
MW-2D	9/26/2005	ND<1	FALSE
MW-2D	3/27/2007	ND<5	FALSE
MW-2D	9/28/2007	ND<2.5	FALSE
MW-2D	3/26/2008	ND<0.15	FALSE
MW-2D	9/29/2008	ND<2.5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	4/6/2010	ND<2.5	FALSE
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	FALSE
MW-4	4/15/1998	171	FALSE
MW-4	11/9/1998	31	FALSE
MW-4	4/26/1999	16	FALSE
MW-4	11/1/1999	7	FALSE
MW-4	4/4/2000	32	FALSE
MW-4	11/6/2000	ND<2.5	FALSE
MW-4	4/30/2001	ND<2.5	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	FALSE
MW-4	4/11/2005	57	FALSE
MW-4	9/26/2005	12	FALSE
MW-4	3/27/2007	1.4	FALSE
MW-4	9/28/2007	2.4	FALSE
MW-4	3/26/2008	ND<0.15	FALSE

MW-4	9/29/2008	ND<2.5	FALSE
MW-4	3/26/2009	ND<2.5	FALSE
MW-4	10/2/2009	ND<2.5	FALSE
MW-4	4/6/2010	ND<2.5	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	5.4	FALSE
MW-4D	4/15/1998	5	FALSE
MW-4D	11/9/1998	5	FALSE
MW-4D	4/26/1999	ND<2.5	FALSE
MW-4D	11/1/1999	8	FALSE
MW-4D	4/4/2000	ND<2.5	FALSE
MW-4D	11/6/2000	16	FALSE
MW-4D	4/30/2001	ND<2.5	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	FALSE
MW-4D	4/11/2005	ND<1	FALSE
MW-4D	9/26/2005	ND<1	FALSE
MW-4D	3/27/2007	0.36	FALSE
MW-4D	9/28/2007	ND<2.5	FALSE
MW-4D	3/26/2008	ND<0.15	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	FALSE
MW-4D	10/7/2010	ND<2.5	FALSE
MW-4D	3/29/2011	ND<2.5	FALSE
MW-4D	10/5/2011	ND<2.5	FALSE
MW-8	4/17/1998	15	FALSE
MW-8	11/10/1998	47	FALSE
MW-8	4/26/1999	10	FALSE
MW-8	11/1/1999	6	FALSE
MW-8	4/3/2000	ND<2.5	FALSE
MW-8	11/7/2000	ND<2.5	FALSE
MW-8	4/30/2001	ND<2.5	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	FALSE
MW-8	3/27/2007	2.3	FALSE
MW-8	9/28/2007	0.7	FALSE
MW-8	3/27/2008	ND<0.15	FALSE

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

MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<1	FALSE
MW-11D	3/25/2003	2.6	FALSE
MW-11D	9/29/2003	3.2	FALSE
MW-11D	3/30/2004	ND<1	FALSE
MW-11D	9/27/2004	ND<1	FALSE
MW-11D	4/12/2005	ND<1	FALSE
MW-11D	9/26/2005	ND<1	FALSE
MW-11D	3/27/2007	2.6	FALSE
MW-11D	9/27/2007	ND<2.5	FALSE
MW-11D	3/27/2008	ND<0.15	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	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	FALSE
MW-10	10/1/2009	10.3	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	ND<2.5	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	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	FALSE
MW-10D	9/27/2007	10.6	FALSE
MW-10D	3/26/2008	ND<0.15	FALSE
MW-10D	9/26/2008	ND<2.5	FALSE
MW-10D	3/26/2009	ND<2.5	FALSE
MW-10D	10/1/2009	5.8	FALSE
MW-10D	4/2/2010	ND<2.5	FALSE
MW-10D	10/7/2010	ND<2.5	FALSE
MW-10D	3/29/2011	ND<2.5	FALSE

MW-10D	10/5/2011	ND<2.5	FALSE
MW-12	10/28/2002	ND<1	FALSE
MW-12	3/25/2003	22	FALSE
MW-12	9/30/2003	8	FALSE
MW-12	3/30/2004	ND<1	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	FALSE
MW-12	9/28/2007	62.5	FALSE
MW-12	3/27/2008	ND<0.15	FALSE
MW-12	9/30/2008	ND<2.5	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	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5	FALSE
MW-12	10/6/2011	ND<2.5	FALSE
MW-12D	10/28/2002	ND<1	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	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	FALSE
MW-12D	3/26/2009	ND<2.5	FALSE
MW-12D	10/2/2009	ND<2.5	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	8.1	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	3.6	FALSE
MW-13	3/27/2007	0.47	FALSE
MW-13	9/28/2007	1.4	FALSE
MW-13	3/27/2008	ND<0.15	FALSE
MW-13	9/29/2008	ND<2.5	FALSE
MW-13	3/26/2009	ND<2.5	FALSE
MW-13	10/2/2009	ND<2.5	FALSE
MW-13	4/2/2010	ND<2.5	FALSE
MW-13	10/7/2010	ND<2.5	FALSE
MW-13	3/25/2011	ND<2.5	FALSE
MW-13	10/6/2011	ND<2.5	FALSE
MW-13D	9/27/2005	34	FALSE
MW-13D	3/27/2007	12	FALSE
MW-13D	9/28/2007	0.3	FALSE

MW-13D	3/27/2008	ND<0.15	FALSE
MW-13D	9/29/2008	ND<2.5	FALSE
MW-13D	3/26/2009	5.6	FALSE
MW-13D	10/2/2009	ND<2.5	FALSE
MW-13D	4/2/2010	ND<2.5	FALSE
MW-13D	10/7/2010	ND<2.5	FALSE
MW-13D	3/25/2011	ND<2.5	FALSE
MW-13D	10/6/2011	ND<2.5	FALSE
MW-14	3/27/2007	5.2	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	FALSE
MW-14	10/2/2009	ND<2.5	FALSE
MW-14	4/6/2010	ND<2.5	FALSE
MW-14	10/7/2010	ND<2.5	FALSE
MW-14	3/29/2011	30.1	FALSE
MW-14	10/6/2011	ND<2.5	FALSE
MW-14D	3/27/2007	ND<5	FALSE
MW-14D	9/28/2007	0.66	FALSE
MW-14D	3/27/2008	ND<0.15	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Copper

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 1000

0 background measurements exceed 1000
0 compliance measurements exceed 1000

p background = 0 = 0 / 48
p compliance = 0 = 0 / 435
p total = 0 = 0 / 483

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 435
m(1-Pb = 48

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Lead

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 84.8861%
Background measurements (n) = 48
Maximum Background Concentration = 25
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

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

MW-5D	3/27/2007	ND<5	FALSE
MW-5D	9/27/2007	ND<2.5	FALSE
MW-5D	3/26/2008	ND<2	FALSE
MW-5D	9/30/2008	ND<2.5	FALSE
MW-5D	3/26/2009	ND<2.5	FALSE
MW-5D	10/2/2009	ND<2.5	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	FALSE

MW-6	4/13/1998	8	FALSE
MW-6	11/11/1998	10	FALSE
MW-6	4/26/1999	4	FALSE
MW-6	11/2/1999	ND<2	FALSE
MW-6	4/3/2000	ND<2	FALSE
MW-6	11/6/2000	ND<5	FALSE
MW-6	4/30/2001	ND<5	FALSE
MW-6	10/22/2001	14	FALSE
MW-6	4/29/2002	12	FALSE
MW-6	10/28/2002	ND<5	FALSE
MW-6	3/25/2003	ND<5	FALSE
MW-6	**9/29/2003**	**34**	**TRUE**
MW-6	3/30/2004	ND<2.5	FALSE
MW-6	9/27/2004	10	FALSE
MW-6	**4/12/2005**	**30**	**TRUE**
MW-6	9/26/2005	6	FALSE
MW-6	3/27/2007	ND<5	FALSE
MW-6	9/27/2007	ND<2.5	FALSE
MW-6	3/26/2008	ND<2	FALSE
MW-6	9/30/2008	ND<2.5	FALSE
MW-6	3/26/2009	ND<2.5	FALSE
MW-6	10/2/2009	ND<2.5	FALSE
MW-6	4/2/2010	ND<2.5	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	FALSE

MW-7	4/13/1998	9	FALSE
MW-7	11/11/1998	8	FALSE
MW-7	4/26/1999	ND<2	FALSE
MW-7	11/2/1999	ND<2	FALSE
MW-7	4/3/2000	ND<2	FALSE
MW-7	11/6/2000	ND<5	FALSE
MW-7	4/30/2001	ND<5	FALSE
MW-7	10/22/2001	10	FALSE
MW-7	4/29/2002	ND<5	FALSE
MW-7	10/28/2002	ND<5	FALSE
MW-7	3/25/2003	ND<5	FALSE
MW-7	9/29/2003	6.5	FALSE
MW-7	3/30/2004	ND<2.5	FALSE
MW-7	9/27/2004	ND<2.5	FALSE
MW-7	4/12/2005	12	FALSE
MW-7	9/26/2005	ND<2.5	FALSE
MW-7	3/27/2007	ND<5	FALSE

MW-7	9/27/2007	ND<2.5	FALSE
MW-7	3/26/2008	ND<2	FALSE
MW-7	9/26/2008	ND<2.5	FALSE
MW-7	3/26/2009	ND<2.5	FALSE
MW-7	10/1/2009	ND<2.5	FALSE
MW-7	4/2/2010	ND<2.5	FALSE
MW-7	10/6/2010	ND<2.5	FALSE
MW-7	3/25/2011	ND<2.5	FALSE
MW-7	10/5/2011	ND<2.5	FALSE

MW-3	**4/14/1998**	**49**	**TRUE**
MW-3	**11/9/1998**	**32**	**TRUE**
MW-3	4/27/1999	10	FALSE
MW-3	11/1/1999	4	FALSE
MW-3	4/3/2000	ND<2	FALSE
MW-3	11/6/2000	ND<5	FALSE
MW-3	4/30/2001	ND<5	FALSE
MW-3	10/22/2001	ND<5	FALSE
MW-3	4/29/2002	ND<5	FALSE
MW-3	10/28/2002	ND<5	FALSE
MW-3	3/24/2003	ND<5	FALSE
MW-3	9/29/2003	6.1	FALSE
MW-3	3/30/2004	ND<2.5	FALSE
MW-3	9/27/2004	ND<2.5	FALSE
MW-3	**4/11/2005**	**42**	**TRUE**
MW-3	9/26/2005	13	FALSE
MW-3	3/27/2007	ND<5	FALSE
MW-3	9/28/2007	ND<2.5	FALSE
MW-3	3/26/2008	ND<2	FALSE
MW-3	9/30/2008	ND<2.5	FALSE
MW-3	3/26/2009	6.2	FALSE
MW-3	10/1/2009	ND<2.5	FALSE
MW-3	4/2/2010	ND<2.5	FALSE
MW-3	10/6/2010	ND<2.5	FALSE
MW-3	3/25/2011	ND<2.5	FALSE
MW-3	10/5/2011	ND<2.5	FALSE

MW-2	4/15/1998	20	FALSE
MW-2	11/11/1998	19	FALSE
MW-2	4/27/1999	ND<2	FALSE
MW-2	11/2/1999	5	FALSE
MW-2	4/4/2000	4	FALSE
MW-2	11/6/2000	ND<5	FALSE
MW-2	4/30/2001	ND<5	FALSE
MW-2	10/22/2001	22	FALSE
MW-2	**4/29/2002**	**33**	**TRUE**
MW-2	10/28/2002	ND<5	FALSE
MW-2	3/24/2003	ND<5	FALSE
MW-2	9/29/2003	12	FALSE
MW-2	3/29/2004	11	FALSE
MW-2	**9/27/2004**	**31**	**TRUE**
MW-2	**4/11/2005**	**47**	**TRUE**
MW-2	9/26/2005	22	FALSE
MW-2	3/27/2007	ND<5	FALSE
MW-2	**9/28/2007**	**27.8**	**TRUE**

MW-2	3/26/2008	ND<2	FALSE
MW-2	9/29/2008	ND<2.5	FALSE
MW-2	3/26/2009	12.3	FALSE
MW-2	**10/1/2009**	**27.7**	**TRUE**
MW-2	4/6/2010	ND<2.5	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	ND<2.5	FALSE

MW-2D	4/15/1998	5	FALSE
MW-2D	11/11/1998	6	FALSE
MW-2D	4/27/1999	ND<2	FALSE
MW-2D	11/2/1999	ND<2	FALSE
MW-2D	4/4/2000	ND<2	FALSE
MW-2D	11/6/2000	ND<5	FALSE
MW-2D	4/30/2001	ND<5	FALSE
MW-2D	10/22/2001	ND<5	FALSE
MW-2D	4/29/2002	ND<5	FALSE
MW-2D	10/28/2002	ND<5	FALSE
MW-2D	3/24/2003	ND<5	FALSE
MW-2D	9/29/2003	ND<2.5	FALSE
MW-2D	3/29/2004	ND<2.5	FALSE
MW-2D	9/27/2004	ND<2.5	FALSE
MW-2D	4/11/2005	ND<2.5	FALSE
MW-2D	9/26/2005	ND<2.5	FALSE
MW-2D	3/27/2007	ND<5	FALSE
MW-2D	9/28/2007	ND<2.5	FALSE
MW-2D	3/26/2008	ND<2	FALSE
MW-2D	9/29/2008	ND<2.5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	4/6/2010	ND<2.5	FALSE
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	FALSE

MW-4	4/15/1998	23	FALSE
MW-4	11/9/1998	6	FALSE
MW-4	4/26/1999	6	FALSE
MW-4	11/1/1999	ND<2	FALSE
MW-4	4/4/2000	ND<2	FALSE
MW-4	11/6/2000	ND<5	FALSE
MW-4	4/30/2001	ND<5	FALSE
MW-4	10/22/2001	ND<5	FALSE
MW-4	4/29/2002	ND<5	FALSE
MW-4	10/28/2002	ND<5	FALSE
MW-4	3/24/2003	ND<5	FALSE
MW-4	9/30/2003	ND<2.5	FALSE
MW-4	3/29/2004	5.9	FALSE
MW-4	9/27/2004	ND<2.5	FALSE
MW-4	4/11/2005	18	FALSE
MW-4	9/26/2005	ND<2.5	FALSE
MW-4	3/27/2007	ND<5	FALSE
MW-4	9/28/2007	ND<2.5	FALSE
MW-4	3/26/2008	ND<2	FALSE

MW-4	9/29/2008	ND<2.5	FALSE
MW-4	3/26/2009	ND<2.5	FALSE
MW-4	10/2/2009	ND<2.5	FALSE
MW-4	4/6/2010	ND<2.5	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	ND<2.5	FALSE
MW-4D	4/15/1998	13	FALSE
MW-4D	11/9/1998	ND<2	FALSE
MW-4D	4/26/1999	ND<2	FALSE
MW-4D	11/1/1999	ND<2	FALSE
MW-4D	4/4/2000	ND<2	FALSE
MW-4D	11/6/2000	ND<5	FALSE
MW-4D	4/30/2001	ND<5	FALSE
MW-4D	10/22/2001	ND<5	FALSE
MW-4D	4/29/2002	ND<5	FALSE
MW-4D	10/28/2002	ND<5	FALSE
MW-4D	3/24/2003	ND<5	FALSE
MW-4D	9/29/2003	ND<2.5	FALSE
MW-4D	3/29/2004	ND<2.5	FALSE
MW-4D	9/27/2004	ND<2.5	FALSE
MW-4D	4/11/2005	ND<2.5	FALSE
MW-4D	9/26/2005	ND<2.5	FALSE
MW-4D	3/27/2007	ND<5	FALSE
MW-4D	9/28/2007	ND<2.5	FALSE
MW-4D	3/26/2008	ND<2	FALSE
MW-4D	9/29/2008	ND<2.5	FALSE
MW-4D	3/26/2009	ND<2.5	FALSE
MW-4D	10/2/2009	ND<2.5	FALSE
MW-4D	4/6/2010	ND<2.5	FALSE
MW-4D	10/7/2010	ND<2.5	FALSE
MW-4D	3/29/2011	ND<2.5	FALSE
MW-4D	10/5/2011	ND<2.5	FALSE
MW-8	4/17/1998	4	FALSE
MW-8	11/10/1998	13	FALSE
MW-8	4/26/1999	ND<2	FALSE
MW-8	11/1/1999	ND<2	FALSE
MW-8	4/3/2000	ND<2	FALSE
MW-8	11/7/2000	ND<5	FALSE
MW-8	4/30/2001	ND<5	FALSE
MW-8	10/22/2001	16	FALSE
MW-8	1/14/2002	ND<5	FALSE
MW-8	4/29/2002	ND<5	FALSE
MW-8	10/28/2002	ND<5	FALSE
MW-8	3/25/2003	ND<5	FALSE
MW-8	9/30/2003	ND<2.5	FALSE
MW-8	3/30/2004	ND<2.5	FALSE
MW-8	9/27/2004	ND<2.5	FALSE
MW-8	4/12/2005	ND<2.5	FALSE
MW-8	9/27/2005	ND<2.5	FALSE
MW-8	3/27/2007	ND<5	FALSE
MW-8	9/28/2007	9.4	FALSE
MW-8	3/27/2008	ND<2	FALSE

MW-8	9/29/2008	ND<2.5	FALSE
MW-8	3/25/2009	ND<2.5	FALSE
MW-8	10/5/2009	ND<2.5	FALSE
MW-8	4/6/2010	ND<2.5	FALSE
MW-8	10/8/2010	ND<2.5	FALSE
MW-8	3/29/2011	ND<2.5	FALSE
MW-8	10/6/2011	ND<2.5	FALSE
MW-8D	4/17/1998	ND<2	FALSE
MW-8D	11/10/1998	ND<2	FALSE
MW-8D	4/26/1999	ND<2	FALSE
MW-8D	11/1/1999	ND<2	FALSE
MW-8D	4/3/2000	ND<2	FALSE
MW-8D	11/7/2000	ND<5	FALSE
MW-8D	4/30/2001	ND<5	FALSE
MW-8D	10/22/2001	ND<5	FALSE
MW-8D	4/29/2002	ND<5	FALSE
MW-8D	10/28/2002	ND<5	FALSE
MW-8D	3/25/2003	ND<5	FALSE
MW-8D	9/30/2003	ND<2.5	FALSE
MW-8D	3/30/2004	ND<2.5	FALSE
MW-8D	9/27/2004	ND<2.5	FALSE
MW-8D	4/12/2005	ND<2.5	FALSE
MW-8D	9/27/2005	ND<2.5	FALSE
MW-8D	3/27/2007	ND<5	FALSE
MW-8D	9/28/2007	ND<2.5	FALSE
MW-8D	3/27/2008	ND<2	FALSE
MW-8D	9/29/2008	ND<2.5	FALSE
MW-8D	3/25/2009	ND<2.5	FALSE
MW-8D	10/5/2009	ND<2.5	FALSE
MW-8D	4/6/2010	ND<2.5	FALSE
MW-8D	10/8/2010	ND<2.5	FALSE
MW-8D	3/29/2011	ND<2.5	FALSE
MW-8D	10/6/2011	ND<2.5	FALSE
MW-11	4/29/2002	ND<5	FALSE
MW-11	10/29/2002	ND<5	FALSE
MW-11	3/25/2003	ND<5	FALSE
MW-11	9/29/2003	ND<2.5	FALSE
MW-11	3/30/2004	6.5	FALSE
MW-11	9/27/2004	ND<2.5	FALSE
MW-11	4/12/2005	ND<2.5	FALSE
MW-11	9/26/2005	ND<2.5	FALSE
MW-11	3/27/2007	ND<5	FALSE
MW-11	9/27/2007	5	FALSE
MW-11	3/27/2008	ND<2	FALSE
MW-11	9/30/2008	ND<2.5	FALSE
MW-11	3/26/2009	ND<2.5	FALSE
MW-11	10/5/2009	ND<2.5	FALSE
MW-11	4/6/2010	ND<2.5	FALSE
MW-11	10/8/2010	ND<2.5	FALSE
MW-11	3/29/2011	ND<2.5	FALSE
MW-11	10/5/2011	ND<2.5	FALSE

MW-11D	4/29/2002	ND<5	FALSE
MW-11D	10/29/2002	ND<5	FALSE
MW-11D	3/25/2003	ND<5	FALSE
MW-11D	9/29/2003	ND<2.5	FALSE
MW-11D	3/30/2004	ND<2.5	FALSE
MW-11D	9/27/2004	ND<2.5	FALSE
MW-11D	4/12/2005	ND<2.5	FALSE
MW-11D	9/26/2005	ND<2.5	FALSE
MW-11D	3/27/2007	ND<5	FALSE
MW-11D	9/27/2007	ND<2.5	FALSE
MW-11D	3/27/2008	ND<2	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	FALSE

MW-10	4/30/2002	ND<5	FALSE
MW-10	10/29/2002	ND<5	FALSE
MW-10	3/25/2003	ND<5	FALSE
MW-10	9/30/2003	ND<2.5	FALSE
MW-10	3/30/2004	ND<2.5	FALSE
MW-10	9/27/2004	ND<2.5	FALSE
MW-10	4/12/2005	5.9	FALSE
MW-10	9/27/2005	ND<2.5	FALSE
MW-10	3/27/2007	7.4	FALSE
MW-10	9/27/2007	5.4	FALSE
MW-10	3/26/2008	ND<2	FALSE
MW-10	9/26/2008	ND<2.5	FALSE
MW-10	3/26/2009	ND<2.5	FALSE
MW-10	10/1/2009	ND<2.5	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	ND<2.5	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	FALSE

MW-10D	4/30/2002	ND<5	FALSE
MW-10D	10/29/2002	ND<5	FALSE
MW-10D	3/25/2003	12	FALSE
MW-10D	9/30/2003	ND<2.5	FALSE
MW-10D	3/30/2004	ND<2.5	FALSE
MW-10D	9/27/2004	ND<2.5	FALSE
MW-10D	4/12/2005	5.1	FALSE
MW-10D	9/27/2005	ND<2.5	FALSE
MW-10D	3/27/2007	ND<5	FALSE
MW-10D	9/27/2007	ND<2.5	FALSE
MW-10D	3/26/2008	ND<2	FALSE
MW-10D	9/26/2008	ND<2.5	FALSE
MW-10D	3/26/2009	ND<2.5	FALSE
MW-10D	10/1/2009	ND<2.5	FALSE
MW-10D	4/2/2010	ND<2.5	FALSE
MW-10D	10/7/2010	ND<2.5	FALSE
MW-10D	3/29/2011	ND<2.5	FALSE

MW-10D	10/5/2011	ND<2.5	FALSE
MW-12	10/28/2002	ND<5	FALSE
MW-12	3/25/2003	ND<5	FALSE
MW-12	9/30/2003	ND<2.5	FALSE
MW-12	3/30/2004	ND<2.5	FALSE
MW-12	9/27/2004	ND<2.5	FALSE
MW-12	4/11/2005	ND<2.5	FALSE
MW-12	9/27/2005	ND<2.5	FALSE
MW-12	3/27/2007	ND<5	FALSE
MW-12	9/28/2007	ND<2.5	FALSE
MW-12	3/27/2008	ND<2	FALSE
MW-12	9/30/2008	ND<2.5	FALSE
MW-12	3/26/2009	ND<2.5	FALSE
MW-12	10/2/2009	ND<2.5	FALSE
MW-12	4/6/2010	ND<2.5	FALSE
MW-12	10/7/2010	ND<2.5	FALSE
MW-12	3/29/2011	ND<2.5	FALSE
MW-12	10/6/2011	ND<2.5	FALSE
MW-12D	10/28/2002	ND<5	FALSE
MW-12D	3/25/2003	ND<5	FALSE
MW-12D	9/30/2003	ND<2.5	FALSE
MW-12D	3/30/2004	ND<2.5	FALSE
MW-12D	9/27/2004	16	FALSE
MW-12D	4/11/2005	16	FALSE
MW-12D	9/27/2005	ND<2.5	FALSE
MW-12D	3/27/2007	ND<5	FALSE
MW-12D	9/28/2007	6	FALSE
MW-12D	3/27/2008	ND<2	FALSE
MW-12D	9/30/2008	ND<2.5	FALSE
MW-12D	3/26/2009	ND<2.5	FALSE
MW-12D	10/2/2009	ND<2.5	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	ND<2.5	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	ND<2.5	FALSE
MW-13	3/27/2007	ND<5	FALSE
MW-13	9/28/2007	ND<2.5	FALSE
MW-13	3/27/2008	ND<2	FALSE
MW-13	9/29/2008	ND<2.5	FALSE
MW-13	3/26/2009	ND<2.5	FALSE
MW-13	10/2/2009	ND<2.5	FALSE
MW-13	4/2/2010	ND<2.5	FALSE
MW-13	10/7/2010	ND<2.5	FALSE
MW-13	3/25/2011	ND<2.5	FALSE
MW-13	10/6/2011	ND<2.5	FALSE
MW-13D	9/27/2005	8.9	FALSE
MW-13D	3/27/2007	ND<5	FALSE
MW-13D	9/28/2007	ND<2.5	FALSE

MW-13D	3/27/2008	ND<2	FALSE
MW-13D	9/29/2008	ND<2.5	FALSE
MW-13D	3/26/2009	ND<2.5	FALSE
MW-13D	10/2/2009	ND<2.5	FALSE
MW-13D	4/2/2010	ND<2.5	FALSE
MW-13D	10/7/2010	ND<2.5	FALSE
MW-13D	3/25/2011	ND<2.5	FALSE
MW-13D	10/6/2011	ND<2.5	FALSE
MW-14	3/27/2007	ND<5	FALSE
MW-14	9/28/2007	15.9	FALSE
MW-14	3/27/2008	5.6	FALSE
MW-14	9/30/2008	ND<2.5	FALSE
MW-14	3/26/2009	ND<2.5	FALSE
MW-14	10/2/2009	ND<2.5	FALSE
MW-14	4/6/2010	ND<2.5	FALSE
MW-14	10/7/2010	ND<2.5	FALSE
MW-14	3/29/2011	ND<2.5	FALSE
MW-14	10/6/2011	ND<2.5	FALSE
MW-14D	3/27/2007	ND<5	FALSE
MW-14D	9/28/2007	ND<2.5	FALSE
MW-14D	3/27/2008	ND<2	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Lead

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 15

1 background measurements exceed 15
21 compliance measurements exceed 15

p background = 0.0208333 = 1 / 48
p compliance = 0.0482759 = 21 / 435
p total = 0.0455487 = 22 / 483

nPs = 21
mPb = 1 < 5.0
n(1-Ps) = 414
m(1-Pb = 47

Zp = 0.865369 = 0.0274425 / 0.031712
Z critical = 1.64485 at 95% confidence level

0.865369 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 15

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 43.6853%
Background measurements (n) = 48
Maximum Background Concentration = 212
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

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	FALSE
MW-5	11/2/1999	ND<2.5	FALSE
MW-5	4/3/2000	ND<2.5	FALSE
MW-5	11/6/2000	34	FALSE
MW-5	4/30/2001	ND<2.5	FALSE
MW-5	10/22/2001	5.1	FALSE
MW-5	4/29/2002	49	FALSE
MW-5	10/28/2002	ND<2.5	FALSE
MW-5	3/24/2003	ND<2.5	FALSE
MW-5	9/29/2003	ND<2.5	FALSE
MW-5	3/30/2004	5.1	FALSE
MW-5	9/27/2004	ND<2.5	FALSE
MW-5	4/12/2005	ND<2.5	FALSE
MW-5	9/26/2005	ND<2.5	FALSE
MW-5	3/27/2007	ND<25	FALSE
MW-5	9/27/2007	ND<2.5	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	FALSE
MW-5	10/6/2010	ND<2.5	FALSE
MW-5	3/25/2011	ND<2.5	FALSE
MW-5	10/5/2011	ND<2.5	FALSE
MW-5D	4/13/1998	8	FALSE
MW-5D	11/11/1998	6	FALSE
MW-5D	4/26/1999	ND<2.5	FALSE
MW-5D	11/2/1999	ND<2.5	FALSE
MW-5D	4/3/2000	ND<2.5	FALSE
MW-5D	11/6/2000	7.1	FALSE
MW-5D	4/30/2001	ND<2.5	FALSE
MW-5D	10/22/2001	6	FALSE
MW-5D	4/29/2002	9	FALSE
MW-5D	10/28/2002	ND<2.5	FALSE
MW-5D	3/24/2003	ND<2.5	FALSE
MW-5D	9/29/2003	ND<2.5	FALSE
MW-5D	3/29/2004	ND<2.5	FALSE
MW-5D	9/27/2004	ND<2.5	FALSE
MW-5D	4/12/2005	ND<2.5	FALSE
MW-5D	9/26/2005	ND<2.5	FALSE

MW-5D	3/27/2007	ND<25	FALSE
MW-5D	9/27/2007	2.9	FALSE
MW-5D	3/26/2008	ND<0.85	FALSE
MW-5D	9/30/2008	ND<2.5	FALSE
MW-5D	3/26/2009	ND<2.5	FALSE
MW-5D	10/2/2009	ND<2.5	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	FALSE
MW-6	4/13/1998	24	FALSE
MW-6	11/11/1998	28	FALSE
MW-6	4/26/1999	12	FALSE
MW-6	11/2/1999	10	FALSE
MW-6	4/3/2000	ND<2.5	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	FALSE
MW-6	3/25/2003	ND<2.5	FALSE
MW-6	9/29/2003	100	FALSE
MW-6	3/30/2004	ND<2.5	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	FALSE
MW-6	9/27/2007	1.8	FALSE
MW-6	3/26/2008	12.2	FALSE
MW-6	9/30/2008	ND<2.5	FALSE
MW-6	3/26/2009	ND<2.5	FALSE
MW-6	10/2/2009	ND<2.5	FALSE
MW-6	4/2/2010	10.4	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	FALSE
MW-7	4/13/1998	85	FALSE
MW-7	11/11/1998	64	FALSE
MW-7	4/26/1999	9	FALSE
MW-7	11/2/1999	10	FALSE
MW-7	4/3/2000	8	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	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	FALSE
MW-7	3/25/2011	6	FALSE
MW-7	10/5/2011	10.8	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	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-2	4/15/1998	49	FALSE
MW-2	11/11/1998	40	FALSE
MW-2	4/27/1999	5	FALSE
MW-2	11/2/1999	18	FALSE
MW-2	4/4/2000	16	FALSE
MW-2	11/6/2000	6.5	FALSE
MW-2	4/30/2001	ND<2.5	FALSE
MW-2	10/22/2001	61	FALSE
MW-2	4/29/2002	92	FALSE
MW-2	10/28/2002	ND<2.5	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	FALSE
MW-2	9/28/2007	80.6	FALSE

MW-2	3/26/2008	ND<0.85	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	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	7.5	FALSE
MW-2D	4/15/1998	ND<2.5	FALSE
MW-2D	11/11/1998	8	FALSE
MW-2D	4/27/1999	ND<2.5	FALSE
MW-2D	11/2/1999	ND<2.5	FALSE
MW-2D	4/4/2000	ND<2.5	FALSE
MW-2D	11/6/2000	ND<2.5	FALSE
MW-2D	4/30/2001	ND<2.5	FALSE
MW-2D	10/22/2001	ND<2.5	FALSE
MW-2D	4/29/2002	11	FALSE
MW-2D	10/28/2002	5.5	FALSE
MW-2D	3/24/2003	ND<2.5	FALSE
MW-2D	9/29/2003	7.2	FALSE
MW-2D	3/29/2004	ND<2.5	FALSE
MW-2D	9/27/2004	ND<2.5	FALSE
MW-2D	4/11/2005	ND<2.5	FALSE
MW-2D	9/26/2005	ND<2.5	FALSE
MW-2D	3/27/2007	ND<25	FALSE
MW-2D	9/28/2007	ND<2.5	FALSE
MW-2D	3/26/2008	ND<0.85	FALSE
MW-2D	9/29/2008	ND<2.5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	4/6/2010	ND<2.5	FALSE
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	FALSE
MW-4	4/15/1998	126	FALSE
MW-4	11/9/1998	33	FALSE
MW-4	4/26/1999	15	FALSE
MW-4	11/1/1999	13	FALSE
MW-4	4/4/2000	20	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	FALSE
MW-4	3/29/2004	13	FALSE
MW-4	9/27/2004	ND<2.5	FALSE
MW-4	4/11/2005	35	FALSE
MW-4	9/26/2005	9.4	FALSE
MW-4	3/27/2007	2.5	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	FALSE
MW-4	10/2/2009	6.2	FALSE
MW-4	4/6/2010	ND<2.5	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	ND<2.5	FALSE
MW-4D	4/15/1998	ND<2.5	FALSE
MW-4D	11/9/1998	6	FALSE
MW-4D	4/26/1999	ND<2.5	FALSE
MW-4D	11/1/1999	5	FALSE
MW-4D	4/4/2000	ND<2.5	FALSE
MW-4D	11/6/2000	6.5	FALSE
MW-4D	4/30/2001	ND<2.5	FALSE
MW-4D	10/22/2001	24	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5	FALSE
MW-4D	3/24/2003	ND<2.5	FALSE
MW-4D	9/29/2003	ND<2.5	FALSE
MW-4D	3/29/2004	7	FALSE
MW-4D	9/27/2004	ND<2.5	FALSE
MW-4D	4/11/2005	ND<2.5	FALSE
MW-4D	9/26/2005	ND<2.5	FALSE
MW-4D	3/27/2007	ND<25	FALSE
MW-4D	9/28/2007	ND<2.5	FALSE
MW-4D	3/26/2008	ND<0.85	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	FALSE
MW-4D	10/7/2010	ND<2.5	FALSE
MW-4D	3/29/2011	ND<2.5	FALSE
MW-4D	10/5/2011	ND<2.5	FALSE
MW-8	4/17/1998	38	FALSE
MW-8	11/10/1998	40	FALSE
MW-8	4/26/1999	8	FALSE
MW-8	11/1/1999	7	FALSE
MW-8	4/3/2000	ND<2.5	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	FALSE
MW-8	4/29/2002	30	FALSE
MW-8	10/28/2002	ND<2.5	FALSE
MW-8	3/25/2003	ND<2.5	FALSE
MW-8	9/30/2003	ND<2.5	FALSE
MW-8	3/30/2004	5.2	FALSE
MW-8	9/27/2004	ND<2.5	FALSE
MW-8	4/12/2005	9.7	FALSE
MW-8	9/27/2005	ND<2.5	FALSE
MW-8	3/27/2007	ND<25	FALSE
MW-8	9/28/2007	ND<2.5	FALSE
MW-8	3/27/2008	ND<0.85	FALSE

MW-8	9/29/2008	9.7	FALSE
MW-8	3/25/2009	ND<2.5	FALSE
MW-8	10/5/2009	ND<2.5	FALSE
MW-8	4/6/2010	ND<2.5	FALSE
MW-8	10/8/2010	ND<2.5	FALSE
MW-8	3/29/2011	ND<2.5	FALSE
MW-8	10/6/2011	ND<2.5	FALSE
MW-8D	4/17/1998	ND<2.5	FALSE
MW-8D	11/10/1998	ND<2.5	FALSE
MW-8D	4/26/1999	ND<2.5	FALSE
MW-8D	11/1/1999	ND<2.5	FALSE
MW-8D	4/3/2000	5	FALSE
MW-8D	11/7/2000	ND<2.5	FALSE
MW-8D	4/30/2001	ND<2.5	FALSE
MW-8D	10/22/2001	12	FALSE
MW-8D	4/29/2002	7.7	FALSE
MW-8D	10/28/2002	ND<2.5	FALSE
MW-8D	3/25/2003	ND<2.5	FALSE
MW-8D	9/30/2003	ND<2.5	FALSE
MW-8D	3/30/2004	ND<2.5	FALSE
MW-8D	9/27/2004	ND<2.5	FALSE
MW-8D	4/12/2005	ND<2.5	FALSE
MW-8D	9/27/2005	ND<2.5	FALSE
MW-8D	3/27/2007	ND<25	FALSE
MW-8D	9/28/2007	ND<2.5	FALSE
MW-8D	3/27/2008	ND<0.85	FALSE
MW-8D	9/29/2008	ND<2.5	FALSE
MW-8D	3/25/2009	ND<2.5	FALSE
MW-8D	10/5/2009	ND<2.5	FALSE
MW-8D	4/6/2010	ND<2.5	FALSE
MW-8D	10/8/2010	ND<2.5	FALSE
MW-8D	3/29/2011	ND<2.5	FALSE
MW-8D	10/6/2011	ND<2.5	FALSE
MW-11	4/29/2002	120	FALSE
MW-11	10/29/2002	ND<2.5	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	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-11D	4/29/2002	20	FALSE
MW-11D	10/29/2002	ND<2.5	FALSE
MW-11D	3/25/2003	13	FALSE
MW-11D	9/29/2003	ND<2.5	FALSE
MW-11D	3/30/2004	ND<2.5	FALSE
MW-11D	9/27/2004	ND<2.5	FALSE
MW-11D	4/12/2005	ND<2.5	FALSE
MW-11D	9/26/2005	ND<2.5	FALSE
MW-11D	3/27/2007	ND<25	FALSE
MW-11D	9/27/2007	ND<2.5	FALSE
MW-11D	3/27/2008	ND<0.85	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	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	FALSE
MW-10	9/27/2007	5.6	FALSE
MW-10	3/26/2008	ND<0.85	FALSE
MW-10	9/26/2008	7.3	FALSE
MW-10	3/26/2009	ND<2.5	FALSE
MW-10	10/1/2009	5.9	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	ND<2.5	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	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	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-12	10/28/2002	ND<2.5	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	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	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-12D	10/28/2002	ND<2.5	FALSE
MW-12D	**3/25/2003**	**230**	**TRUE**
MW-12D	9/30/2003	15	FALSE
MW-12D	3/30/2004	ND<2.5	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	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	FALSE
MW-12D	10/2/2009	12.7	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	ND<2.5	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	ND<2.5	FALSE
MW-13	3/27/2007	ND<25	FALSE
MW-13	9/28/2007	2.4	FALSE
MW-13	3/27/2008	ND<0.85	FALSE
MW-13	9/29/2008	ND<2.5	FALSE
MW-13	3/26/2009	ND<2.5	FALSE
MW-13	10/2/2009	ND<2.5	FALSE
MW-13	4/2/2010	12	FALSE
MW-13	10/7/2010	ND<2.5	FALSE
MW-13	3/25/2011	9	FALSE
MW-13	10/6/2011	ND<2.5	FALSE
MW-13D	9/27/2005	58	FALSE
MW-13D	3/27/2007	26	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-14	3/27/2007	4.8	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	FALSE
MW-14	10/2/2009	5	FALSE
MW-14	4/6/2010	ND<2.5	FALSE
MW-14	10/7/2010	ND<2.5	FALSE
MW-14	3/29/2011	ND<2.5	FALSE
MW-14	10/6/2011	ND<2.5	FALSE
MW-14D	3/27/2007	ND<25	FALSE
MW-14D	9/28/2007	ND<2.5	FALSE
MW-14D	3/27/2008	ND<0.85	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 100

2 background measurements exceed 100
12 compliance measurements exceed 100

p background = 0.0416667 = 2 / 48
p compliance = 0.0275862 = 12 / 435
p total = 0.0289855 = 14 / 483

nPs = 12
mPb = 2 < 5.0
n(1-Ps) = 423
m(1-Pb = 46

Zp = -0.55183 = -0.0140805 / 0.0255159
Z critical = 1.64485 at 95% confidence level

-0.55183 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 100

Non-Parametric Tolerance Interval

Parameter: Thallium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 95.842%
Background measurements (n) = 48
Maximum Background Concentration = 6
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

Location	Date	Value	Significant
MW-5	4/13/1998	ND<1	FALSE
MW-5	11/11/1998	ND<1	FALSE
MW-5	4/26/1999	ND<1	FALSE
MW-5	11/2/1999	ND<1	FALSE
MW-5	4/3/2000	ND<1	FALSE
MW-5	11/6/2000	2	FALSE
MW-5	4/30/2001	ND<1	FALSE
MW-5	10/22/2001	ND<1	FALSE
MW-5	4/29/2002	ND<1	FALSE
MW-5	10/28/2002	ND<1	FALSE
MW-5	3/24/2003	ND<1	FALSE
MW-5	9/29/2003	ND<1	FALSE
MW-5	3/30/2004	ND<5	FALSE
MW-5	9/27/2004	ND<5	FALSE
MW-5	4/12/2005	ND<5	FALSE
MW-5	9/26/2005	ND<5	FALSE
MW-5	3/27/2007	ND<2.75	FALSE
MW-5	9/27/2007	ND<2.75	FALSE
MW-5	3/26/2008	ND<1.5	FALSE
MW-5	9/30/2008	ND<2.7	FALSE
MW-5	3/26/2009	ND<2.7	FALSE
MW-5	10/2/2009	ND<2.7	FALSE
MW-5	4/2/2010	ND<2.7	FALSE
MW-5	10/6/2010	ND<2.7	FALSE
MW-5	3/25/2011	ND<2.7	FALSE
MW-5	10/5/2011	ND<2.7	FALSE
MW-5D	4/13/1998	ND<1	FALSE
MW-5D	11/11/1998	ND<1	FALSE
MW-5D	4/26/1999	ND<1	FALSE
MW-5D	11/2/1999	ND<1	FALSE
MW-5D	4/3/2000	ND<1	FALSE
MW-5D	11/6/2000	ND<1	FALSE
MW-5D	4/30/2001	ND<1	FALSE
MW-5D	10/22/2001	ND<1	FALSE
MW-5D	4/29/2002	ND<1	FALSE
MW-5D	10/28/2002	ND<1	FALSE
MW-5D	3/24/2003	ND<1	FALSE
MW-5D	9/29/2003	ND<1	FALSE
MW-5D	3/29/2004	ND<5	FALSE
MW-5D	9/27/2004	ND<5	FALSE
MW-5D	4/12/2005	ND<5	FALSE
MW-5D	9/26/2005	ND<5	FALSE

MW-5D	3/27/2007	ND<2.75	FALSE
MW-5D	9/27/2007	ND<2.75	FALSE
MW-5D	3/26/2008	ND<1.5	FALSE
MW-5D	9/30/2008	ND<2.7	FALSE
MW-5D	3/26/2009	ND<2.7	FALSE
MW-5D	10/2/2009	ND<2.7	FALSE
MW-5D	4/2/2010	ND<2.7	FALSE
MW-5D	10/6/2010	ND<2.7	FALSE
MW-5D	3/25/2011	ND<2.7	FALSE
MW-5D	10/5/2011	ND<2.7	FALSE
MW-6	4/13/1998	ND<1	FALSE
MW-6	11/11/1998	ND<1	FALSE
MW-6	4/26/1999	ND<1	FALSE
MW-6	11/2/1999	ND<1	FALSE
MW-6	4/3/2000	ND<1	FALSE
MW-6	11/6/2000	ND<1	FALSE
MW-6	4/30/2001	ND<1	FALSE
MW-6	10/22/2001	2.1	FALSE
MW-6	4/29/2002	2.8	FALSE
MW-6	10/28/2002	ND<1	FALSE
MW-6	3/25/2003	ND<1	FALSE
MW-6	9/29/2003	ND<1	FALSE
MW-6	3/30/2004	ND<5	FALSE
MW-6	9/27/2004	ND<5	FALSE
MW-6	4/12/2005	ND<5	FALSE
MW-6	9/26/2005	ND<5	FALSE
MW-6	3/27/2007	ND<2.75	FALSE
MW-6	9/27/2007	ND<2.75	FALSE
MW-6	3/26/2008	ND<1.5	FALSE
MW-6	9/30/2008	ND<2.7	FALSE
MW-6	3/26/2009	ND<2.7	FALSE
MW-6	10/2/2009	ND<2.7	FALSE
MW-6	4/2/2010	ND<2.7	FALSE
MW-6	10/6/2010	ND<2.7	FALSE
MW-6	3/25/2011	ND<2.7	FALSE
MW-6	10/5/2011	ND<2.7	FALSE
MW-7	4/13/1998	ND<1	FALSE
MW-7	11/11/1998	ND<1	FALSE
MW-7	4/26/1999	ND<1	FALSE
MW-7	11/2/1999	ND<1	FALSE
MW-7	4/3/2000	ND<1	FALSE
MW-7	11/6/2000	ND<1	FALSE
MW-7	4/30/2001	ND<1	FALSE
MW-7	10/22/2001	ND<1	FALSE
MW-7	4/29/2002	ND<1	FALSE
MW-7	10/28/2002	ND<1	FALSE
MW-7	3/25/2003	ND<1	FALSE
MW-7	9/29/2003	ND<1	FALSE
MW-7	3/30/2004	ND<5	FALSE
MW-7	9/27/2004	ND<5	FALSE
MW-7	4/12/2005	ND<5	FALSE
MW-7	9/26/2005	ND<5	FALSE
MW-7	3/27/2007	ND<2.75	FALSE

MW-7	9/27/2007	ND<2.75	FALSE
MW-7	3/26/2008	ND<1.5	FALSE
MW-7	**9/26/2008**	**8.8**	**TRUE**
MW-7	3/26/2009	ND<2.7	FALSE
MW-7	10/1/2009	ND<2.7	FALSE
MW-7	4/2/2010	5.7	FALSE
MW-7	10/6/2010	ND<2.7	FALSE
MW-7	3/25/2011	ND<2.7	FALSE
MW-7	**10/5/2011**	**20.8**	**TRUE**

MW-3	4/14/1998	ND<1	FALSE
MW-3	**11/9/1998**	**14**	**TRUE**
MW-3	4/27/1999	ND<1	FALSE
MW-3	11/1/1999	ND<1	FALSE
MW-3	4/3/2000	ND<1	FALSE
MW-3	11/6/2000	ND<1	FALSE
MW-3	4/30/2001	ND<1	FALSE
MW-3	10/22/2001	ND<1	FALSE
MW-3	4/29/2002	ND<1	FALSE
MW-3	3/24/2003	ND<1	FALSE
MW-3	9/29/2003	ND<1	FALSE
MW-3	3/30/2004	ND<5	FALSE
MW-3	9/27/2004	ND<5	FALSE
MW-3	4/11/2005	ND<5	FALSE
MW-3	9/26/2005	ND<5	FALSE
MW-3	3/27/2007	ND<2.75	FALSE
MW-3	9/28/2007	ND<2.75	FALSE
MW-3	3/26/2008	ND<1.5	FALSE
MW-3	9/30/2008	ND<2.7	FALSE
MW-3	3/26/2009	ND<2.7	FALSE
MW-3	10/1/2009	ND<2.7	FALSE
MW-3	4/2/2010	ND<5	FALSE
MW-3	10/6/2010	ND<2.7	FALSE
MW-3	3/25/2011	ND<2.7	FALSE
MW-3	10/5/2011	ND<2.7	FALSE

MW-2	4/15/1998	ND<1	FALSE
MW-2	11/11/1998	ND<1	FALSE
MW-2	4/27/1999	ND<1	FALSE
MW-2	11/2/1999	ND<1	FALSE
MW-2	4/4/2000	ND<1	FALSE
MW-2	11/6/2000	ND<1	FALSE
MW-2	4/30/2001	ND<1	FALSE
MW-2	10/22/2001	ND<1	FALSE
MW-2	4/29/2002	ND<1	FALSE
MW-2	10/28/2002	ND<1	FALSE
MW-2	3/24/2003	ND<1	FALSE
MW-2	9/29/2003	ND<1	FALSE
MW-2	3/29/2004	ND<5	FALSE
MW-2	9/27/2004	ND<5	FALSE
MW-2	4/11/2005	ND<5	FALSE
MW-2	9/26/2005	ND<5	FALSE
MW-2	3/27/2007	ND<2.75	FALSE
MW-2	9/28/2007	5.7	FALSE
MW-2	3/26/2008	ND<1.5	FALSE

MW-2	9/29/2008	ND<2.7	FALSE
MW-2	3/26/2009	ND<2.7	FALSE
MW-2	10/1/2009	ND<2.7	FALSE
MW-2	4/6/2010	ND<2.7	FALSE
MW-2	10/8/2010	ND<2.7	FALSE
MW-2	3/25/2011	ND<2.7	FALSE
MW-2	10/5/2011	ND<2.7	FALSE
MW-2D	4/15/1998	ND<1	FALSE
MW-2D	11/11/1998	ND<1	FALSE
MW-2D	4/27/1999	ND<1	FALSE
MW-2D	11/2/1999	ND<1	FALSE
MW-2D	4/4/2000	ND<1	FALSE
MW-2D	11/6/2000	ND<1	FALSE
MW-2D	4/30/2001	ND<1	FALSE
MW-2D	10/22/2001	ND<1	FALSE
MW-2D	4/29/2002	ND<1	FALSE
MW-2D	10/28/2002	ND<1	FALSE
MW-2D	3/24/2003	ND<1	FALSE
MW-2D	9/29/2003	ND<1	FALSE
MW-2D	9/27/2004	ND<5	FALSE
MW-2D	4/11/2005	ND<5	FALSE
MW-2D	9/26/2005	ND<5	FALSE
MW-2D	3/27/2007	ND<2.75	FALSE
MW-2D	9/28/2007	ND<2.75	FALSE
MW-2D	3/26/2008	ND<1.5	FALSE
MW-2D	9/29/2008	ND<2.7	FALSE
MW-2D	3/26/2009	ND<2.7	FALSE
MW-2D	10/1/2009	ND<2.7	FALSE
MW-2D	4/6/2010	ND<2.7	FALSE
MW-2D	10/8/2010	ND<2.7	FALSE
MW-2D	3/25/2011	ND<2.7	FALSE
MW-2D	10/5/2011	ND<2.7	FALSE
MW-4	4/15/1998	ND<1	FALSE
MW-4	11/9/1998	ND<1	FALSE
MW-4	4/26/1999	ND<1	FALSE
MW-4	11/1/1999	ND<1	FALSE
MW-4	4/4/2000	ND<1	FALSE
MW-4	11/6/2000	ND<1	FALSE
MW-4	4/30/2001	ND<1	FALSE
MW-4	10/22/2001	ND<1	FALSE
MW-4	4/29/2002	ND<1	FALSE
MW-4	10/28/2002	ND<1	FALSE
MW-4	3/24/2003	ND<1	FALSE
MW-4	9/30/2003	ND<1	FALSE
MW-4	3/29/2004	ND<5	FALSE
MW-4	9/27/2004	ND<5	FALSE
MW-4	4/11/2005	ND<5	FALSE
MW-4	9/26/2005	ND<5	FALSE
MW-4	3/27/2007	ND<2.75	FALSE
MW-4	9/28/2007	ND<2.75	FALSE
MW-4	**3/26/2008**	**8.3**	**TRUE**
MW-4	9/29/2008	ND<2.7	FALSE
MW-4	3/26/2009	ND<2.7	FALSE

MW-4	10/2/2009	ND<2.7	FALSE
MW-4	4/6/2010	ND<2.7	FALSE
MW-4	10/7/2010	ND<2.7	FALSE
MW-4	3/29/2011	ND<2.7	FALSE
MW-4	10/5/2011	ND<2.7	FALSE
MW-4D	4/15/1998	ND<1	FALSE
MW-4D	11/9/1998	ND<1	FALSE
MW-4D	4/26/1999	ND<1	FALSE
MW-4D	11/1/1999	ND<1	FALSE
MW-4D	4/4/2000	ND<1	FALSE
MW-4D	11/6/2000	ND<1	FALSE
MW-4D	4/30/2001	ND<1	FALSE
MW-4D	10/22/2001	ND<1	FALSE
MW-4D	4/29/2002	ND<1	FALSE
MW-4D	10/28/2002	ND<1	FALSE
MW-4D	3/24/2003	ND<1	FALSE
MW-4D	9/29/2003	ND<1	FALSE
MW-4D	3/29/2004	ND<5	FALSE
MW-4D	**9/27/2004**	**11**	**TRUE**
MW-4D	4/11/2005	ND<5	FALSE
MW-4D	9/26/2005	ND<5	FALSE
MW-4D	3/27/2007	ND<2.75	FALSE
MW-4D	9/28/2007	ND<2.75	FALSE
MW-4D	**3/26/2008**	**9.8**	**TRUE**
MW-4D	9/29/2008	ND<2.7	FALSE
MW-4D	3/26/2009	ND<2.7	FALSE
MW-4D	10/2/2009	ND<2.7	FALSE
MW-4D	4/6/2010	ND<2.7	FALSE
MW-4D	10/7/2010	ND<2.7	FALSE
MW-4D	3/29/2011	ND<2.7	FALSE
MW-4D	10/5/2011	ND<2.7	FALSE
MW-8	4/17/1998	ND<1	FALSE
MW-8	11/10/1998	ND<1	FALSE
MW-8	4/26/1999	ND<1	FALSE
MW-8	11/1/1999	ND<1	FALSE
MW-8	4/3/2000	ND<1	FALSE
MW-8	11/7/2000	ND<1	FALSE
MW-8	4/30/2001	ND<1	FALSE
MW-8	10/22/2001	ND<1	FALSE
MW-8	1/14/2002	ND<1	FALSE
MW-8	4/29/2002	ND<1	FALSE
MW-8	10/28/2002	ND<1	FALSE
MW-8	3/25/2003	ND<1	FALSE
MW-8	9/30/2003	ND<1	FALSE
MW-8	3/30/2004	ND<5	FALSE
MW-8	9/27/2004	ND<5	FALSE
MW-8	4/12/2005	ND<5	FALSE
MW-8	9/27/2005	ND<5	FALSE
MW-8	3/27/2007	ND<2.75	FALSE
MW-8	9/28/2007	ND<2.75	FALSE
MW-8	**3/27/2008**	**9.5**	**TRUE**
MW-8	9/29/2008	ND<2.7	FALSE
MW-8	3/25/2009	ND<2.7	FALSE

MW-8	10/5/2009	ND<2.7	FALSE
MW-8	4/6/2010	ND<2.7	FALSE
MW-8	10/8/2010	ND<2.7	FALSE
MW-8	3/29/2011	ND<2.7	FALSE
MW-8	10/6/2011	ND<2.7	FALSE
MW-8D	4/17/1998	ND<1	FALSE
MW-8D	11/10/1998	ND<1	FALSE
MW-8D	4/26/1999	ND<1	FALSE
MW-8D	11/1/1999	ND<1	FALSE
MW-8D	4/3/2000	ND<1	FALSE
MW-8D	11/7/2000	ND<1	FALSE
MW-8D	4/30/2001	ND<1	FALSE
MW-8D	10/22/2001	2.3	FALSE
MW-8D	4/29/2002	ND<1	FALSE
MW-8D	10/28/2002	ND<1	FALSE
MW-8D	3/25/2003	ND<1	FALSE
MW-8D	9/30/2003	ND<1	FALSE
MW-8D	3/30/2004	ND<5	FALSE
MW-8D	9/27/2004	ND<5	FALSE
MW-8D	4/12/2005	ND<5	FALSE
MW-8D	9/27/2005	ND<5	FALSE
MW-8D	3/27/2007	ND<2.75	FALSE
MW-8D	9/28/2007	ND<2.75	FALSE
MW-8D	**3/27/2008**	**7.8**	**TRUE**
MW-8D	9/29/2008	ND<2.7	FALSE
MW-8D	3/25/2009	ND<2.7	FALSE
MW-8D	10/5/2009	ND<2.7	FALSE
MW-8D	4/6/2010	ND<2.7	FALSE
MW-8D	10/8/2010	ND<2.7	FALSE
MW-8D	3/29/2011	ND<2.7	FALSE
MW-8D	10/6/2011	ND<2.7	FALSE
MW-11	4/29/2002	ND<1	FALSE
MW-11	10/29/2002	ND<1	FALSE
MW-11	3/25/2003	ND<1	FALSE
MW-11	9/29/2003	ND<1	FALSE
MW-11	3/30/2004	ND<5	FALSE
MW-11	9/27/2004	ND<5	FALSE
MW-11	4/12/2005	ND<5	FALSE
MW-11	9/26/2005	ND<5	FALSE
MW-11	3/27/2007	ND<2.75	FALSE
MW-11	**9/27/2007**	**9**	**TRUE**
MW-11	3/27/2008	ND<1.5	FALSE
MW-11	9/30/2008	ND<2.7	FALSE
MW-11	3/26/2009	ND<2.7	FALSE
MW-11	10/5/2009	ND<2.7	FALSE
MW-11	4/6/2010	ND<2.7	FALSE
MW-11	10/8/2010	ND<2.7	FALSE
MW-11	3/29/2011	ND<2.7	FALSE
MW-11	10/5/2011	ND<2.7	FALSE
MW-11D	4/29/2002	ND<1	FALSE
MW-11D	10/29/2002	ND<1	FALSE

MW-11D	3/25/2003	ND<1	FALSE
MW-11D	9/29/2003	ND<1	FALSE
MW-11D	3/30/2004	ND<5	FALSE
MW-11D	9/27/2004	ND<5	FALSE
MW-11D	4/12/2005	ND<5	FALSE
MW-11D	9/26/2005	ND<5	FALSE
MW-11D	3/27/2007	ND<2.75	FALSE
MW-11D	9/27/2007	ND<2.75	FALSE
MW-11D	3/27/2008	ND<1.5	FALSE
MW-11D	9/30/2008	ND<2.7	FALSE
MW-11D	3/26/2009	ND<2.7	FALSE
MW-11D	10/5/2009	ND<2.7	FALSE
MW-11D	4/6/2010	ND<2.7	FALSE
MW-11D	10/8/2010	ND<2.7	FALSE
MW-11D	3/29/2011	ND<2.7	FALSE
MW-11D	10/5/2011	ND<2.7	FALSE

MW-10	4/30/2002	ND<1	FALSE
MW-10	10/29/2002	ND<1	FALSE
MW-10	3/25/2003	ND<1	FALSE
MW-10	9/30/2003	ND<1	FALSE
MW-10	3/30/2004	ND<5	FALSE
MW-10	9/27/2004	ND<5	FALSE
MW-10	4/12/2005	ND<5	FALSE
MW-10	9/27/2005	ND<5	FALSE
MW-10	3/27/2007	ND<2.75	FALSE
MW-10	9/27/2007	ND<2.75	FALSE
MW-10	3/26/2008	ND<1.5	FALSE
MW-10	**9/26/2008**	**9.6**	**TRUE**
MW-10	3/26/2009	ND<2.7	FALSE
MW-10	10/1/2009	ND<2.7	FALSE
MW-10	4/2/2010	ND<2.7	FALSE
MW-10	10/7/2010	ND<2.7	FALSE
MW-10	3/29/2011	ND<2.7	FALSE
MW-10	10/5/2011	ND<2.7	FALSE

MW-10D	4/30/2002	ND<1	FALSE
MW-10D	10/29/2002	ND<1	FALSE
MW-10D	3/25/2003	ND<1	FALSE
MW-10D	9/30/2003	ND<1	FALSE
MW-10D	3/30/2004	ND<5	FALSE
MW-10D	9/27/2004	ND<5	FALSE
MW-10D	4/12/2005	ND<5	FALSE
MW-10D	9/27/2005	ND<5	FALSE
MW-10D	3/27/2007	ND<2.75	FALSE
MW-10D	9/27/2007	ND<2.75	FALSE
MW-10D	3/26/2008	ND<1.5	FALSE
MW-10D	9/26/2008	ND<2.7	FALSE
MW-10D	3/26/2009	ND<2.7	FALSE
MW-10D	10/1/2009	ND<2.7	FALSE
MW-10D	4/2/2010	ND<2.7	FALSE
MW-10D	10/7/2010	ND<2.7	FALSE
MW-10D	3/29/2011	ND<2.7	FALSE
MW-10D	10/5/2011	ND<2.7	FALSE

MW-12	10/28/2002	ND<1	FALSE
MW-12	3/25/2003	ND<1	FALSE
MW-12	9/30/2003	ND<1	FALSE
MW-12	3/30/2004	ND<5	FALSE
MW-12	9/27/2004	ND<5	FALSE
MW-12	4/11/2005	ND<5	FALSE
MW-12	9/27/2005	ND<5	FALSE
MW-12	3/27/2007	ND<2.75	FALSE
MW-12	**9/28/2007**	**12.4**	**TRUE**
MW-12	3/27/2008	ND<1.5	FALSE
MW-12	9/30/2008	ND<2.7	FALSE
MW-12	3/26/2009	ND<2.7	FALSE
MW-12	10/2/2009	ND<2.7	FALSE
MW-12	4/6/2010	ND<2.7	FALSE
MW-12	10/7/2010	ND<2.7	FALSE
MW-12	3/29/2011	ND<2.7	FALSE
MW-12	10/6/2011	ND<2.7	FALSE

MW-12D	10/28/2002	ND<1	FALSE
MW-12D	3/25/2003	ND<1	FALSE
MW-12D	9/30/2003	ND<1	FALSE
MW-12D	3/30/2004	ND<5	FALSE
MW-12D	9/27/2004	ND<5	FALSE
MW-12D	4/11/2005	ND<5	FALSE
MW-12D	9/27/2005	ND<5	FALSE
MW-12D	3/27/2007	ND<2.75	FALSE
MW-12D	**9/28/2007**	**9.2**	**TRUE**
MW-12D	3/27/2008	ND<1.5	FALSE
MW-12D	9/30/2008	ND<2.7	FALSE
MW-12D	3/26/2009	ND<2.7	FALSE
MW-12D	10/2/2009	ND<2.7	FALSE
MW-12D	4/6/2010	ND<2.7	FALSE
MW-12D	10/7/2010	ND<2.7	FALSE
MW-12D	3/29/2011	ND<2.7	FALSE
MW-12D	10/6/2011	ND<2.7	FALSE

MW-13	9/27/2005	ND<5	FALSE
MW-13	3/27/2007	ND<2.75	FALSE
MW-13	9/28/2007	ND<2.75	FALSE
MW-13	3/27/2008	ND<1.5	FALSE
MW-13	9/29/2008	ND<2.7	FALSE
MW-13	3/26/2009	ND<2.7	FALSE
MW-13	10/2/2009	ND<2.7	FALSE
MW-13	4/2/2010	ND<2.7	FALSE
MW-13	10/7/2010	ND<2.7	FALSE
MW-13	3/25/2011	ND<2.7	FALSE
MW-13	10/6/2011	ND<2.7	FALSE

MW-13D	9/27/2005	ND<5	FALSE
MW-13D	3/27/2007	ND<2.75	FALSE
MW-13D	9/28/2007	ND<2.75	FALSE
MW-13D	3/27/2008	ND<1.5	FALSE
MW-13D	9/29/2008	ND<2.7	FALSE

MW-13D	3/26/2009	ND<2.7	FALSE
MW-13D	10/2/2009	ND<2.7	FALSE
MW-13D	4/2/2010	ND<2.7	FALSE
MW-13D	10/7/2010	ND<2.7	FALSE
MW-13D	3/25/2011	ND<2.7	FALSE
MW-13D	10/6/2011	ND<2.7	FALSE

MW-14	3/27/2007	ND<2.75	FALSE
MW-14	**9/28/2007**	**11.1**	**TRUE**
MW-14	3/27/2008	ND<1.5	FALSE
MW-14	9/30/2008	ND<2.7	FALSE
MW-14	3/26/2009	ND<2.7	FALSE
MW-14	10/2/2009	ND<2.7	FALSE
MW-14	4/6/2010	ND<2.7	FALSE
MW-14	10/7/2010	ND<2.7	FALSE
MW-14	3/29/2011	ND<2.7	FALSE
MW-14	10/6/2011	ND<2.7	FALSE

MW-14D	3/27/2007	ND<2.75	FALSE
MW-14D	9/28/2007	ND<2.75	FALSE
MW-14D	3/27/2008	ND<1.5	FALSE
MW-14D	9/30/2008	ND<2.7	FALSE
MW-14D	3/26/2009	ND<2.7	FALSE
MW-14D	10/2/2009	ND<2.7	FALSE
MW-14D	4/6/2010	ND<2.7	FALSE
MW-14D	10/7/2010	ND<2.7	FALSE
MW-14D	3/29/2011	ND<2.7	FALSE
MW-14D	10/6/2011	ND<2.7	FALSE

Two-Sample Test of Proportions

Parameter: Thallium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 433
Comparison Level = 0.28

48 background measurements exceed 0.28
433 compliance measurements exceed 0.28

p background = 1 = 48 / 48
p compliance = 1 = 433 / 433
p total = 1 = 481 / 481

nPs = 433
mPb = 48
n(1-Ps) = 0 < 5.0
m(1-Pb = 0 < 5.0

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 36.853%
Background measurements (n) = 48
Maximum Background Concentration = 420
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

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	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	FALSE
MW-5	10/6/2010	ND<2.5	FALSE
MW-5	3/25/2011	6.4	FALSE
MW-5	10/5/2011	ND<2.5	FALSE
MW-5D	4/13/1998	12	FALSE
MW-5D	11/11/1998	6	FALSE
MW-5D	4/26/1999	ND<2.5	FALSE
MW-5D	11/2/1999	ND<2.5	FALSE
MW-5D	4/3/2000	ND<2.5	FALSE
MW-5D	11/6/2000	8.3	FALSE
MW-5D	4/30/2001	ND<2.5	FALSE
MW-5D	10/22/2001	7.3	FALSE
MW-5D	4/29/2002	15	FALSE
MW-5D	10/28/2002	ND<2.5	FALSE
MW-5D	3/24/2003	ND<2.5	FALSE
MW-5D	9/29/2003	ND<2.5	FALSE
MW-5D	3/29/2004	ND<2.5	FALSE
MW-5D	9/27/2004	ND<2.5	FALSE
MW-5D	4/12/2005	ND<2.5	FALSE
MW-5D	9/26/2005	ND<2.5	FALSE

MW-5D	3/27/2007	2.4	FALSE
MW-5D	9/27/2007	1.9	FALSE
MW-5D	3/26/2008	ND<0.1	FALSE
MW-5D	9/30/2008	ND<2.5	FALSE
MW-5D	3/26/2009	7.5	FALSE
MW-5D	10/2/2009	ND<2.5	FALSE
MW-5D	4/2/2010	ND<2.5	FALSE
MW-5D	10/6/2010	ND<2.5	FALSE
MW-5D	3/25/2011	ND<2.5	FALSE
MW-5D	10/5/2011	ND<2.5	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	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	FALSE
MW-6	3/25/2003	ND<2.5	FALSE
MW-6	9/29/2003	380	FALSE
MW-6	3/30/2004	ND<2.5	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	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	FALSE
MW-6	4/2/2010	38.3	FALSE
MW-6	10/6/2010	ND<2.5	FALSE
MW-6	3/25/2011	ND<2.5	FALSE
MW-6	10/5/2011	ND<2.5	FALSE
MW-7	4/13/1998	134	FALSE
MW-7	11/11/1998	105	FALSE
MW-7	4/26/1999	7	FALSE
MW-7	11/2/1999	10	FALSE
MW-7	4/3/2000	ND<2.5	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	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	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	FALSE
MW-7	4/2/2010	ND<2.5	FALSE
MW-7	10/6/2010	ND<2.5	FALSE
MW-7	3/25/2011	ND<2.5	FALSE
MW-7	10/5/2011	58.4	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	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	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-2	4/15/1998	47	FALSE
MW-2	11/11/1998	36	FALSE
MW-2	4/27/1999	ND<2.5	FALSE
MW-2	11/2/1999	16	FALSE
MW-2	4/4/2000	14	FALSE
MW-2	11/6/2000	7.8	FALSE
MW-2	4/30/2001	ND<2.5	FALSE
MW-2	10/22/2001	77	FALSE
MW-2	4/29/2002	87	FALSE
MW-2	10/28/2002	ND<2.5	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	FALSE
MW-2	9/28/2007	76.1	FALSE

MW-2	3/26/2008	ND<0.1	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	FALSE
MW-2	10/8/2010	ND<2.5	FALSE
MW-2	3/25/2011	ND<2.5	FALSE
MW-2	10/5/2011	12.5	FALSE
MW-2D	4/15/1998	ND<2.5	FALSE
MW-2D	11/11/1998	14	FALSE
MW-2D	4/27/1999	ND<2.5	FALSE
MW-2D	11/2/1999	6	FALSE
MW-2D	4/4/2000	ND<2.5	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	FALSE
MW-2D	4/29/2002	17	FALSE
MW-2D	10/28/2002	10	FALSE
MW-2D	3/24/2003	ND<2.5	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	FALSE
MW-2D	9/26/2005	ND<2.5	FALSE
MW-2D	3/27/2007	2.6	FALSE
MW-2D	9/28/2007	3.1	FALSE
MW-2D	3/26/2008	ND<0.1	FALSE
MW-2D	9/29/2008	ND<2.5	FALSE
MW-2D	3/26/2009	ND<2.5	FALSE
MW-2D	10/1/2009	ND<2.5	FALSE
MW-2D	4/6/2010	ND<2.5	FALSE
MW-2D	10/8/2010	ND<2.5	FALSE
MW-2D	3/25/2011	ND<2.5	FALSE
MW-2D	10/5/2011	ND<2.5	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	FALSE
MW-4	4/4/2000	56	FALSE
MW-4	11/6/2000	ND<2.5	FALSE
MW-4	4/30/2001	ND<2.5	FALSE
MW-4	10/22/2001	23	FALSE
MW-4	4/29/2002	24	FALSE
MW-4	10/28/2002	ND<2.5	FALSE
MW-4	3/24/2003	19	FALSE
MW-4	9/30/2003	ND<2.5	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	FALSE
MW-4	9/28/2007	4.5	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	FALSE
MW-4	10/7/2010	ND<2.5	FALSE
MW-4	3/29/2011	ND<2.5	FALSE
MW-4	10/5/2011	7.2	FALSE
MW-4D	4/15/1998	6	FALSE
MW-4D	11/9/1998	18	FALSE
MW-4D	4/26/1999	5	FALSE
MW-4D	11/1/1999	ND<2.5	FALSE
MW-4D	4/4/2000	ND<2.5	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	FALSE
MW-4D	9/28/2007	3.7	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-8	4/17/1998	23	FALSE
MW-8	11/10/1998	81	FALSE
MW-8	4/26/1999	12	FALSE
MW-8	11/1/1999	8	FALSE
MW-8	4/3/2000	ND<2.5	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	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	FALSE
MW-8	3/27/2007	5.4	FALSE
MW-8	9/28/2007	3.1	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-8D	4/17/1998	ND<2.5	FALSE
MW-8D	11/10/1998	ND<2.5	FALSE
MW-8D	4/26/1999	ND<2.5	FALSE
MW-8D	11/1/1999	ND<2.5	FALSE
MW-8D	4/3/2000	ND<2.5	FALSE
MW-8D	11/7/2000	ND<2.5	FALSE
MW-8D	4/30/2001	ND<2.5	FALSE
MW-8D	10/22/2001	8.5	FALSE
MW-8D	4/29/2002	18	FALSE
MW-8D	10/28/2002	ND<2.5	FALSE
MW-8D	3/25/2003	ND<2.5	FALSE
MW-8D	9/30/2003	ND<2.5	FALSE
MW-8D	3/30/2004	ND<2.5	FALSE
MW-8D	9/27/2004	ND<2.5	FALSE
MW-8D	4/12/2005	ND<2.5	FALSE
MW-8D	9/27/2005	ND<2.5	FALSE
MW-8D	3/27/2007	1.8	FALSE
MW-8D	9/28/2007	1.9	FALSE
MW-8D	3/27/2008	ND<0.1	FALSE
MW-8D	9/29/2008	ND<2.5	FALSE
MW-8D	3/25/2009	ND<2.5	FALSE
MW-8D	10/5/2009	ND<2.5	FALSE
MW-8D	4/6/2010	ND<2.5	FALSE
MW-8D	10/8/2010	ND<2.5	FALSE
MW-8D	3/29/2011	ND<2.5	FALSE
MW-8D	10/6/2011	ND<2.5	FALSE
MW-11	4/29/2002	130	FALSE
MW-11	10/29/2002	ND<2.5	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	FALSE
MW-11	4/12/2005	ND<2.5	FALSE
MW-11	9/26/2005	6.1	FALSE
MW-11	3/27/2007	2	FALSE
MW-11	9/27/2007	58.6	FALSE
MW-11	3/27/2008	ND<0.1	FALSE
MW-11	9/30/2008	ND<2.5	FALSE
MW-11	3/26/2009	ND<2.5	FALSE
MW-11	10/5/2009	ND<2.5	FALSE
MW-11	4/6/2010	ND<2.5	FALSE
MW-11	10/8/2010	ND<2.5	FALSE
MW-11	3/29/2011	ND<2.5	FALSE
MW-11	10/5/2011	ND<2.5	FALSE

MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<2.5	FALSE
MW-11D	3/25/2003	ND<2.5	FALSE
MW-11D	9/29/2003	ND<2.5	FALSE
MW-11D	3/30/2004	ND<2.5	FALSE
MW-11D	9/27/2004	ND<2.5	FALSE
MW-11D	4/12/2005	ND<2.5	FALSE
MW-11D	9/26/2005	ND<2.5	FALSE
MW-11D	3/27/2007	2.1	FALSE
MW-11D	9/27/2007	1.4	FALSE
MW-11D	3/27/2008	ND<0.1	FALSE
MW-11D	9/30/2008	ND<2.5	FALSE
MW-11D	3/26/2009	ND<2.5	FALSE
MW-11D	10/5/2009	ND<2.5	FALSE
MW-11D	4/6/2010	ND<2.5	FALSE
MW-11D	10/8/2010	ND<2.5	FALSE
MW-11D	3/29/2011	ND<2.5	FALSE
MW-11D	10/5/2011	ND<2.5	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	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	FALSE
MW-10	10/1/2009	9.1	FALSE
MW-10	4/2/2010	ND<2.5	FALSE
MW-10	10/7/2010	6.2	FALSE
MW-10	3/29/2011	ND<2.5	FALSE
MW-10	10/5/2011	ND<2.5	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	FALSE
MW-10D	3/30/2004	ND<2.5	FALSE
MW-10D	9/27/2004	ND<2.5	FALSE
MW-10D	4/12/2005	9.8	FALSE
MW-10D	9/27/2005	27	FALSE
MW-10D	3/27/2007	3.9	FALSE
MW-10D	9/27/2007	5.8	FALSE
MW-10D	3/26/2008	ND<0.1	FALSE
MW-10D	9/26/2008	ND<2.5	FALSE
MW-10D	3/26/2009	ND<2.5	FALSE
MW-10D	10/1/2009	ND<2.5	FALSE
MW-10D	4/2/2010	ND<2.5	FALSE
MW-10D	10/7/2010	ND<2.5	FALSE
MW-10D	3/29/2011	ND<2.5	FALSE

MW-10D	10/5/2011	ND<2.5	FALSE
MW-12	10/28/2002	ND<2.5	FALSE
MW-12	3/25/2003	45	FALSE
MW-12	9/30/2003	13	FALSE
MW-12	3/30/2004	ND<2.5	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	FALSE
MW-12	9/28/2007	91.9	FALSE
MW-12	3/27/2008	ND<0.1	FALSE
MW-12	9/30/2008	ND<2.5	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	FALSE
MW-12	10/7/2010	11.1	FALSE
MW-12	3/29/2011	ND<2.5	FALSE
MW-12	10/6/2011	ND<2.5	FALSE
MW-12D	10/28/2002	ND<2.5	FALSE
MW-12D	3/25/2003	300	FALSE
MW-12D	9/30/2003	25	FALSE
MW-12D	3/30/2004	ND<2.5	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	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	FALSE
MW-12D	3/26/2009	7	FALSE
MW-12D	10/2/2009	ND<2.5	FALSE
MW-12D	4/6/2010	ND<2.5	FALSE
MW-12D	10/7/2010	ND<2.5	FALSE
MW-12D	3/29/2011	7.3	FALSE
MW-12D	10/6/2011	ND<2.5	FALSE
MW-13	9/27/2005	ND<2.5	FALSE
MW-13	3/27/2007	ND<12.5	FALSE
MW-13	9/28/2007	0.7	FALSE
MW-13	3/27/2008	ND<0.1	FALSE
MW-13	9/29/2008	ND<2.5	FALSE
MW-13	3/26/2009	ND<2.5	FALSE
MW-13	10/2/2009	ND<2.5	FALSE
MW-13	4/2/2010	ND<2.5	FALSE
MW-13	10/7/2010	ND<2.5	FALSE
MW-13	3/25/2011	ND<2.5	FALSE
MW-13	10/6/2011	ND<2.5	FALSE
MW-13D	9/27/2005	130	FALSE
MW-13D	3/27/2007	30	FALSE
MW-13D	9/28/2007	0.67	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	FALSE
MW-13D	4/2/2010	ND<2.5	FALSE
MW-13D	10/7/2010	ND<2.5	FALSE
MW-13D	3/25/2011	ND<2.5	FALSE
MW-13D	10/6/2011	ND<2.5	FALSE
MW-14	3/27/2007	17	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	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-14D	3/27/2007	1.4	FALSE
MW-14D	9/28/2007	2	FALSE
MW-14D	3/27/2008	ND<0.1	FALSE
MW-14D	9/30/2008	ND<2.5	FALSE
MW-14D	3/26/2009	ND<2.5	FALSE
MW-14D	10/2/2009	ND<2.5	FALSE
MW-14D	4/6/2010	ND<2.5	FALSE
MW-14D	10/7/2010	ND<2.5	FALSE
MW-14D	3/29/2011	ND<2.5	FALSE
MW-14D	10/6/2011	ND<2.5	FALSE

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 0.3

48 background measurements exceed 0.3
425 compliance measurements exceed 0.3

p background = 1 = 48 / 48
p compliance = 0.977011 = 425 / 435
p total = 0.979296 = 473 / 483

nPs = 425
mPb = 48
n(1-Ps) = 10
m(1-Pb = 0 < 5.0

Zp = -1.0615 = -0.0229885 / 0.0216567
Z critical = 1.64485 at 95% confidence level

-1.0615 < 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 = 35.6108%
Background measurements (n) = 48
Maximum Background Concentration = 200
Minimum Coverage = 93.9%
Average Coverage = 97.9592%

Location	Date	Value	Significant
MW-5	4/13/1998	180	FALSE
MW-5	11/11/1998	97	FALSE
MW-5	4/26/1999	27	FALSE
MW-5	11/2/1999	20	FALSE
MW-5	4/3/2000	ND<12.5	FALSE
MW-5	11/6/2000	75	FALSE
MW-5	4/30/2001	ND<5	FALSE
MW-5	10/22/2001	13	FALSE
MW-5	4/29/2002	84	FALSE
MW-5	10/28/2002	ND<5	FALSE
MW-5	3/24/2003	ND<5	FALSE
MW-5	9/29/2003	ND<5	FALSE
MW-5	3/30/2004	13	FALSE
MW-5	9/27/2004	21	FALSE
MW-5	4/12/2005	ND<5	FALSE
MW-5	9/26/2005	11	FALSE
MW-5	3/27/2007	7.7	FALSE
MW-5	9/27/2007	12.4	FALSE
MW-5	3/26/2008	ND<0.2	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	FALSE
MW-5	10/6/2010	ND<5	FALSE
MW-5	3/25/2011	ND<5	FALSE
MW-5	10/5/2011	ND<5	FALSE
MW-5D	4/13/1998	30	FALSE
MW-5D	11/11/1998	96	FALSE
MW-5D	4/26/1999	49	FALSE
MW-5D	11/2/1999	70	FALSE
MW-5D	4/3/2000	47	FALSE
MW-5D	11/6/2000	28	FALSE
MW-5D	4/30/2001	ND<5	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	FALSE
MW-5D	3/29/2004	ND<5	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	FALSE
MW-5D	3/26/2009	17.2	FALSE
MW-5D	10/2/2009	10.3	FALSE
MW-5D	4/2/2010	ND<5	FALSE
MW-5D	10/6/2010	ND<5	FALSE
MW-5D	3/25/2011	17.4	FALSE
MW-5D	10/5/2011	13.7	FALSE
MW-6	4/13/1998	79	FALSE
MW-6	11/11/1998	63	FALSE
MW-6	4/26/1999	55	FALSE
MW-6	11/2/1999	50	FALSE
MW-6	4/3/2000	34	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	FALSE
MW-6	3/25/2003	ND<5	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	3/30/2004	ND<5	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	FALSE
MW-6	9/27/2007	17.1	FALSE
MW-6	3/26/2008	42.9	FALSE
MW-6	9/30/2008	ND<5	FALSE
MW-6	3/26/2009	15	FALSE
MW-6	10/2/2009	ND<5	FALSE
MW-6	4/2/2010	27.8	FALSE
MW-6	10/6/2010	ND<5	FALSE
MW-6	3/25/2011	23	FALSE
MW-6	10/5/2011	ND<5	FALSE
MW-7	4/13/1998	90	FALSE
MW-7	11/11/1998	95	FALSE
MW-7	4/26/1999	ND<12.5	FALSE
MW-7	11/2/1999	40	FALSE
MW-7	4/3/2000	ND<12.5	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	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	FALSE
MW-7	10/6/2010	ND<5	FALSE
MW-7	3/25/2011	ND<5	FALSE
MW-7	10/5/2011	15.9	FALSE

MW-3	**4/14/1998**	**380**	**TRUE**
MW-3	**11/9/1998**	**315**	**TRUE**
MW-3	4/27/1999	88	FALSE
MW-3	11/1/1999	60	FALSE
MW-3	4/3/2000	ND<12.5	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	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	FALSE

MW-2	4/15/1998	190	FALSE
MW-2	11/11/1998	145	FALSE
MW-2	4/27/1999	31	FALSE
MW-2	11/2/1999	70	FALSE
MW-2	4/4/2000	61	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	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	FALSE
MW-2	**9/28/2007**	**311**	**TRUE**

MW-2	3/26/2008	ND<0.2	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	FALSE
MW-2	10/8/2010	ND<5	FALSE
MW-2	3/25/2011	13.4	FALSE
MW-2	10/5/2011	23.5	FALSE

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

MW-4	**4/15/1998**	**210**	**TRUE**
MW-4	11/9/1998	46	FALSE
MW-4	4/26/1999	42	FALSE
MW-4	11/1/1999	ND<12.5	FALSE
MW-4	4/4/2000	42	FALSE
MW-4	11/6/2000	ND<5	FALSE
MW-4	4/30/2001	ND<5	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	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	FALSE
MW-4	9/28/2007	12.2	FALSE
MW-4	3/26/2008	ND<0.2	FALSE

MW-4	9/29/2008	ND<5	FALSE
MW-4	3/26/2009	ND<5	FALSE
MW-4	10/2/2009	ND<5	FALSE
MW-4	4/6/2010	ND<5	FALSE
MW-4	10/7/2010	ND<5	FALSE
MW-4	3/29/2011	ND<5	FALSE
MW-4	10/5/2011	ND<5	FALSE
MW-4D	4/15/1998	110	FALSE
MW-4D	11/9/1998	38	FALSE
MW-4D	4/26/1999	140	FALSE
MW-4D	11/1/1999	80	FALSE
MW-4D	4/4/2000	ND<12.5	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	FALSE
MW-4D	3/24/2003	ND<5	FALSE
MW-4D	9/29/2003	12	FALSE
MW-4D	3/29/2004	14	FALSE
MW-4D	9/27/2004	ND<5	FALSE
MW-4D	4/11/2005	18	FALSE
MW-4D	9/26/2005	28	FALSE
MW-4D	3/27/2007	5.3	FALSE
MW-4D	9/28/2007	37.9	FALSE
MW-4D	3/26/2008	ND<0.2	FALSE
MW-4D	9/29/2008	ND<5	FALSE
MW-4D	3/26/2009	10.4	FALSE
MW-4D	10/2/2009	11.9	FALSE
MW-4D	4/6/2010	ND<5	FALSE
MW-4D	10/7/2010	ND<5	FALSE
MW-4D	3/29/2011	10.8	FALSE
MW-4D	10/5/2011	ND<5	FALSE
MW-8	4/17/1998	40	FALSE
MW-8	11/10/1998	84	FALSE
MW-8	4/26/1999	45	FALSE
MW-8	11/1/1999	40	FALSE
MW-8	4/3/2000	ND<12.5	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	FALSE
MW-8	3/25/2003	ND<5	FALSE
MW-8	9/30/2003	ND<5	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	FALSE
MW-8	3/27/2007	7.8	FALSE
MW-8	9/28/2007	10.7	FALSE
MW-8	3/27/2008	12.8	FALSE

MW-8	9/29/2008	ND<5	FALSE
MW-8	3/25/2009	19.5	FALSE
MW-8	10/5/2009	ND<5	FALSE
MW-8	4/6/2010	11.2	FALSE
MW-8	10/8/2010	ND<5	FALSE
MW-8	3/29/2011	13.4	FALSE
MW-8	10/6/2011	11	FALSE

MW-8D	4/17/1998	60	FALSE
MW-8D	**11/10/1998**	**248**	**TRUE**
MW-8D	4/26/1999	102	FALSE
MW-8D	11/1/1999	30	FALSE
MW-8D	4/3/2000	42	FALSE
MW-8D	11/7/2000	19	FALSE
MW-8D	4/30/2001	ND<5	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	FALSE
MW-8D	3/30/2004	ND<5	FALSE
MW-8D	9/27/2004	ND<5	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	FALSE
MW-8D	9/29/2008	ND<5	FALSE
MW-8D	3/25/2009	ND<5	FALSE
MW-8D	10/5/2009	ND<5	FALSE
MW-8D	4/6/2010	ND<5	FALSE
MW-8D	10/8/2010	10.3	FALSE
MW-8D	3/29/2011	ND<5	FALSE
MW-8D	10/6/2011	10.4	FALSE

MW-11	4/29/2002	91	FALSE
MW-11	10/29/2002	ND<5	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	FALSE
MW-11	4/12/2005	ND<5	FALSE
MW-11	9/26/2005	12	FALSE
MW-11	3/27/2007	8.8	FALSE
MW-11	9/27/2007	57.6	FALSE
MW-11	3/27/2008	ND<0.2	FALSE
MW-11	9/30/2008	ND<5	FALSE
MW-11	3/26/2009	ND<5	FALSE
MW-11	10/5/2009	ND<5	FALSE
MW-11	4/6/2010	10.2	FALSE
MW-11	10/8/2010	ND<5	FALSE
MW-11	3/29/2011	22.6	FALSE
MW-11	10/5/2011	ND<5	FALSE

MW-11D	4/29/2002	33	FALSE
MW-11D	10/29/2002	ND<5	FALSE
MW-11D	3/25/2003	16	FALSE
MW-11D	9/29/2003	ND<5	FALSE
MW-11D	3/30/2004	ND<5	FALSE
MW-11D	9/27/2004	24	FALSE
MW-11D	4/12/2005	ND<5	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	FALSE
MW-11D	3/26/2009	32.8	FALSE
MW-11D	10/5/2009	ND<5	FALSE
MW-11D	4/6/2010	ND<5	FALSE
MW-11D	10/8/2010	ND<5	FALSE
MW-11D	3/29/2011	ND<5	FALSE
MW-11D	10/5/2011	ND<5	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	FALSE
MW-10	10/7/2010	ND<5	FALSE
MW-10	3/29/2011	15.3	FALSE
MW-10	10/5/2011	ND<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	FALSE
MW-10D	9/27/2004	ND<5	FALSE
MW-10D	4/12/2005	20	FALSE
MW-10D	9/27/2005	56	FALSE
MW-10D	3/27/2007	6.9	FALSE
MW-10D	9/27/2007	21.9	FALSE
MW-10D	3/26/2008	11.2	FALSE
MW-10D	9/26/2008	ND<5	FALSE
MW-10D	3/26/2009	ND<5	FALSE
MW-10D	10/1/2009	ND<5	FALSE
MW-10D	4/2/2010	ND<5	FALSE
MW-10D	10/7/2010	ND<5	FALSE
MW-10D	3/29/2011	19.2	FALSE

MW-10D	10/5/2011	ND<5	FALSE
MW-12	10/28/2002	ND<5	FALSE
MW-12	3/25/2003	130	FALSE
MW-12	9/30/2003	16	FALSE
MW-12	3/30/2004	ND<5	FALSE
MW-12	9/27/2004	26	FALSE
MW-12	4/11/2005	53	FALSE
MW-12	9/27/2005	ND<5	FALSE
MW-12	3/27/2007	6.7	FALSE
MW-12	9/28/2007	105	FALSE
MW-12	3/27/2008	ND<0.2	FALSE
MW-12	9/30/2008	ND<5	FALSE
MW-12	3/26/2009	21.7	FALSE
MW-12	10/2/2009	ND<5	FALSE
MW-12	4/6/2010	ND<5	FALSE
MW-12	10/7/2010	ND<5	FALSE
MW-12	3/29/2011	10.1	FALSE
MW-12	10/6/2011	ND<5	FALSE
MW-12D	10/28/2002	ND<5	FALSE
MW-12D	**3/25/2003**	**320**	**TRUE**
MW-12D	9/30/2003	20	FALSE
MW-12D	3/30/2004	ND<5	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	FALSE
MW-12D	9/28/2007	64.5	FALSE
MW-12D	3/27/2008	10.1	FALSE
MW-12D	9/30/2008	ND<5	FALSE
MW-12D	3/26/2009	ND<5	FALSE
MW-12D	10/2/2009	12.2	FALSE
MW-12D	4/6/2010	ND<5	FALSE
MW-12D	10/7/2010	ND<5	FALSE
MW-12D	3/29/2011	23.2	FALSE
MW-12D	10/6/2011	ND<5	FALSE
MW-13	9/27/2005	ND<5	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	FALSE
MW-13	3/26/2009	ND<5	FALSE
MW-13	10/2/2009	ND<5	FALSE
MW-13	4/2/2010	ND<5	FALSE
MW-13	10/7/2010	ND<5	FALSE
MW-13	3/25/2011	ND<5	FALSE
MW-13	10/6/2011	ND<5	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	FALSE
MW-13D	3/26/2009	ND<5	FALSE
MW-13D	10/2/2009	ND<5	FALSE
MW-13D	4/2/2010	ND<5	FALSE
MW-13D	10/7/2010	ND<5	FALSE
MW-13D	3/25/2011	ND<5	FALSE
MW-13D	10/6/2011	ND<5	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	FALSE
MW-14	3/26/2009	ND<5	FALSE
MW-14	10/2/2009	10.7	FALSE
MW-14	4/6/2010	ND<5	FALSE
MW-14	10/7/2010	ND<5	FALSE
MW-14	3/29/2011	35.4	FALSE
MW-14	10/6/2011	ND<5	FALSE
MW-14D	3/27/2007	6.7	FALSE
MW-14D	9/28/2007	23.2	FALSE
MW-14D	3/27/2008	ND<0.2	FALSE
MW-14D	9/30/2008	ND<5	FALSE
MW-14D	3/26/2009	ND<5	FALSE
MW-14D	10/2/2009	11.1	FALSE
MW-14D	4/6/2010	ND<5	FALSE
MW-14D	10/7/2010	ND<5	FALSE
MW-14D	3/29/2011	ND<5	FALSE
MW-14D	10/6/2011	ND<5	FALSE

Two-Sample Test of Proportions

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 48
Compliance measurements = 435
Comparison Level = 1

47 background measurements exceed 1
426 compliance measurements exceed 1

p background = 0.979167 = 47 / 48
p compliance = 0.97931 = 426 / 435
p total = 0.979296 = 473 / 483

nPs = 426
mPb = 47
n(1-Ps) = 9
m(1-Pb = 1 < 5.0

Zp = 0.00663436 = 0.000143678 / 0.0216567
Z critical = 1.64485 at 95% confidence level

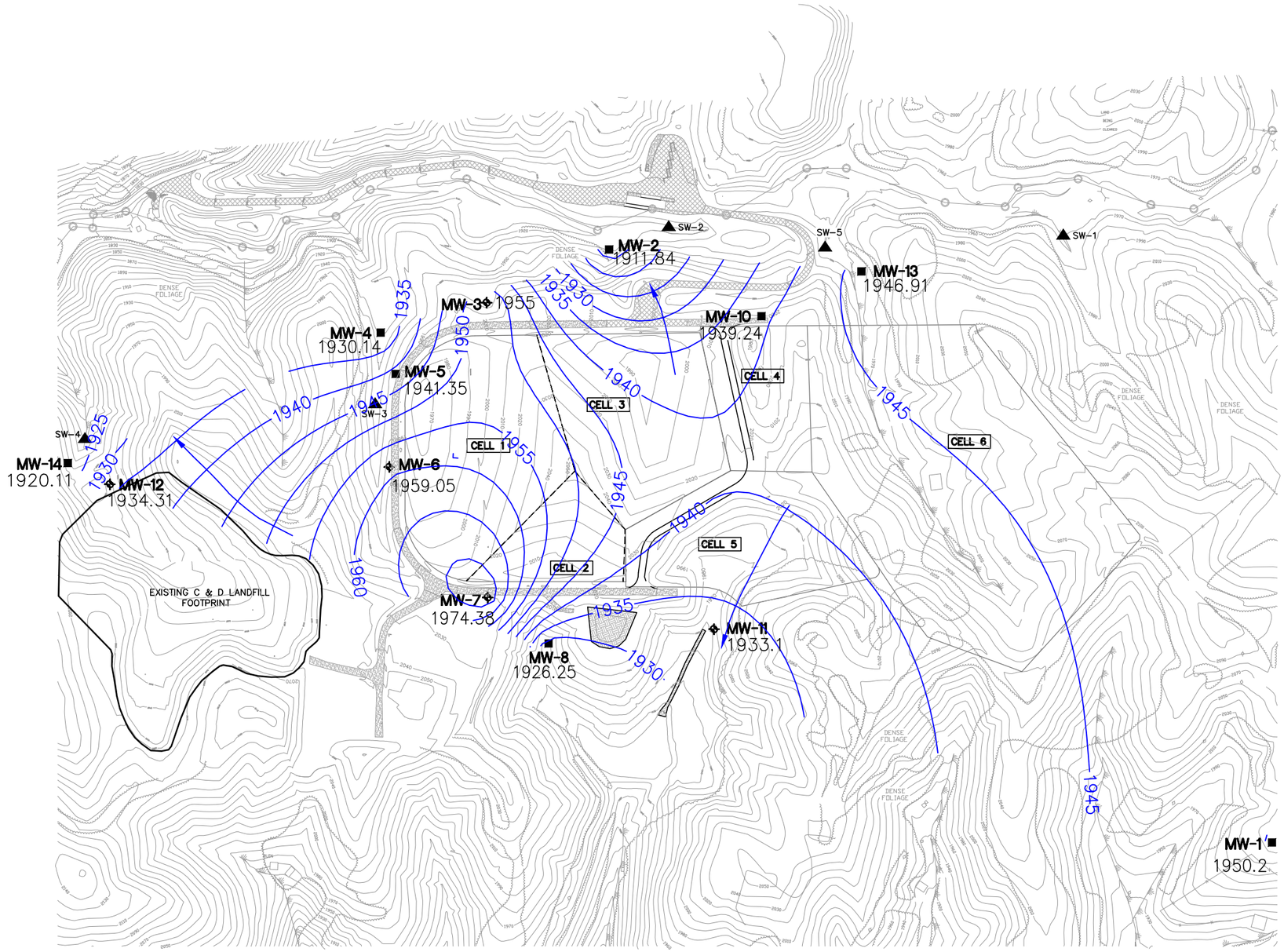
0.00663436 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

Table 1. October 2011 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	654	0.01	0.05	0.02	Between 1950.0 and 1945.0 contour
MW-2	5.67	43.16	491	0.09	0.05	9.97	Between MW-3 to MW-2
MW-3	1.84	43.16	491	0.09	0.05	3.23	Between MW-3 to MW-2
MW-4	1.42	15	251	0.06	0.05	1.70	Between 1935.0 and 1950.0 contour
MW-5	2.75	15	267	0.06	0.05	3.09	Between 1940.0 and 1955.0 contour
MW-6	0.414	15	382	0.04	0.05	0.33	Between 1965.0 and 1950.0 contour
MW-7	0.201	35	210	0.17	0.05	0.67	Between 1935.0 and 1970.0 contour
MW-8	0.0358	35	210	0.17	0.05	0.12	Between 1935.0 and 1970.0 contour
MW-10	0.07	15	380	0.04	0.05	0.06	Between 1925.0 and 1940.0 contour
MW-11	0.915	5	405	0.01	0.05	0.23	Between 1935.0 and 1940.0 contour
MW-12	0.33	14.2	175	0.08	0.05	0.54	Between MW-12 and MW-14
MW-13	0.77	5	163	0.03	0.3	0.08	Between 1940.0 and 1945.0 contour
MW-14	0.33	14.2	175	0.08	0.05	0.54	Between MW-12 and MW-14
MW-1D	0.0327	4	677	0.01	0.05	0.004	Between 1944.0 and 1948.0 contour
MW-2D	0.159	8	189	0.04	0.05	0.13	Between 1914.0 and 1922.0 contour
MW-4D	0.833	8.66	175	0.05	0.05	0.82	Between MW-5D to MW-4D
MW-5D	0.329	8.66	175	0.05	0.05	0.33	Between MW-5D to MW-4D
MW-8D	3.35	4.1	582	0.01	0.05	0.47	Between MW-8D to MW-11D
MW-10D	0.176	8	300	0.03	0.05	0.09	Between 1934.0 and 1942.0 contour
MW-11D	1.35	4.1	582	0.01	0.05	0.19	Between MW-8D to MW-11D
MW-12D					0.05		
MW-13D	0.28	4	152	0.03	0.05	0.15	Between 1940.0 and 1944.0 contour
MW-14D	0.04	11.93	150	0.08	0.05	0.06	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
OCTOBER 2011
NEW BUNCOMBE COUNTY LANDFILL
SHALLOW MONITORING WELLS

CLIENT
BUNCOMBE COUNTY
NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
5401 S.W. 7th AVENUE, SUITE 200, TAMPA, FL 33619
PH (813) 621-0690 FAX NO. (813) 623-6757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

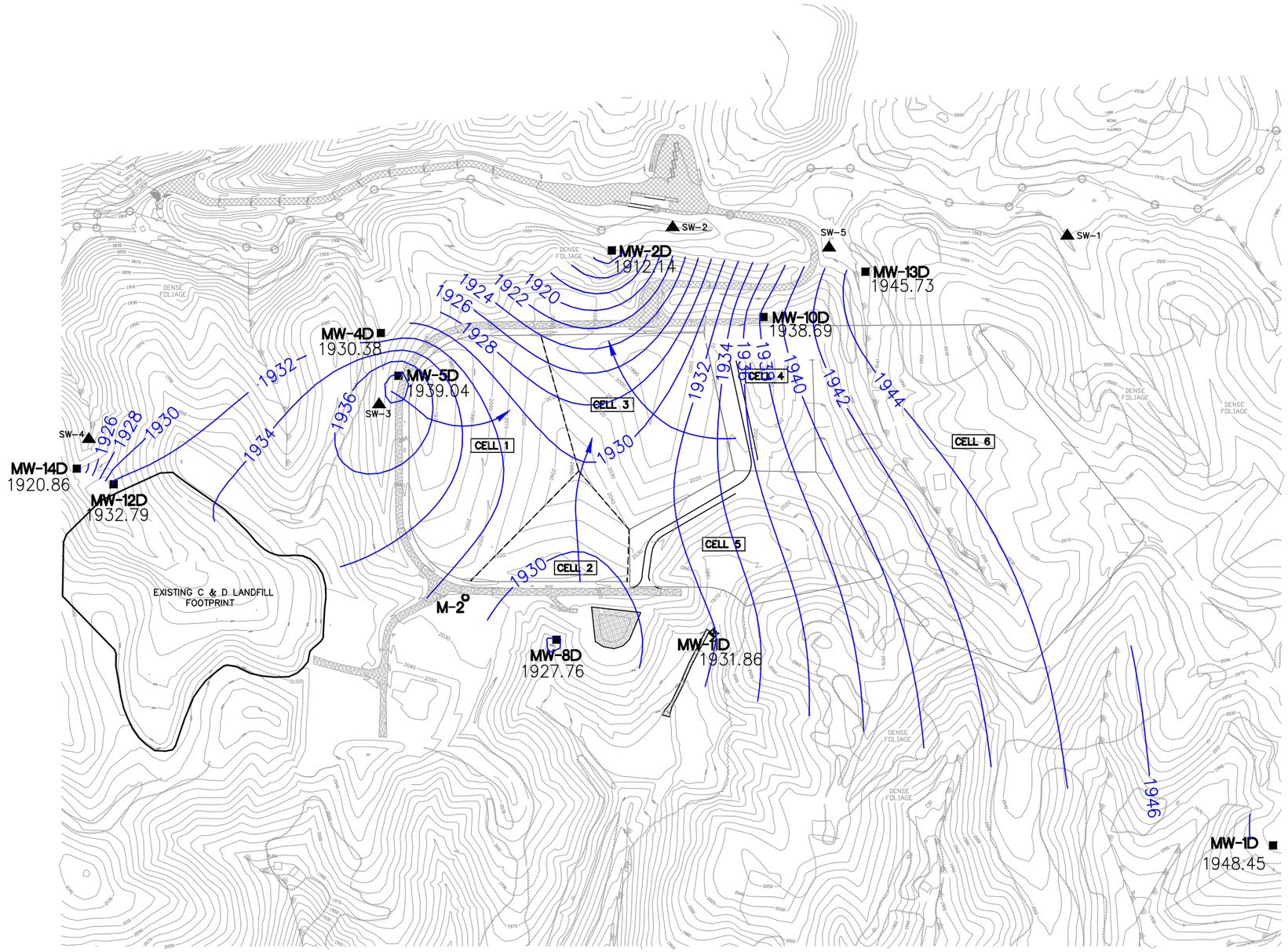
PROJ. NO. 09204072.05 | DWN. BY: AEL | Q/A RVW BY: KEG
DSN. BY: PBS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: JANUARY 2012

SCALE: AS SHOWN

DRAWING NO.
1 of 1



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
OCTOBER 2011
NEW BUNCOMBE COUNTY LANDFILL
DEEP MONITORING WELLS

CLIENT
BUNCOMBE COUNTY
NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
5401 S. KANSAS AVENUE, SUITE 200, TAMPA, FL 33619
PH (813) 621-0690 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®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of

1525626

Section A Required Client Information:

Company: Bunc Co	
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 Co 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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: Flo	VOC	Metals									Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92103584
1	SW-1					10-3-11	1105		0												Dry									001
2	SW-2					10-3-11	1115		4			1	3					Y	Y	Y										002
3	SW-3					10-3-11	1245		0												Dry									003
4	SW-4					10-3-11	1430		4			1	3					Y	Y	Y										004
5	SW-5					10-3-11	1200		4			1	3					Y	Y	Y										005
6	Leachate					10-3-11	1510		4			1	3					Y	Y	Y										006
7																														~~00~~
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-3-11	1610	Mark Swann Pace	10-3-11	1610				
	Mark Swann Pace	10-3-11	1630	[signature]	10/3/11	1630	2.1	X	~	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: Mark Swann Pace

DATE Signed (MM/DD/YY): 10-3-11

*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

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of

1525625

Section A Required Client Information:

Company: Bunc Co
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 Co 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): Fe	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD-1					10-3-11	1250		4			1	3					X	X	X		-007
2	LD-2					10-3	1530		4			1	3					X	X	X		-008
3	LD-3					10-3	1320		4			1	3					X	X	X		-009
4	LD-4					10-3	1345		4			1	3					X	X	X		-010
5	LD-5					10-3	1450		4			1	3					X	X	X		-011
6	LD-6					10-3	1400		4			1	3					X	X	X		-012
7	Leachate LD					10-3	1505		0													
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-3-11	1610	Mark L Lass	10-3-11	1610				
	Mark L Lass	10-3-11	1630	[signature]	10/3/11	16:30	2.4	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L.

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 10-3-11

*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

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 3 of

1525710

Section A Required Client Information:

Company: Burr Co LF
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
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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test: FLD	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92103584
1	MW-2					10-5-11	1030		4			1	3					X	X	X		-014
2	MW-2D						1045		4			1	3					X	X	X		-015
3	MW-3						1140		4			1	3					X	X	X		-016
4	MW-4						1200		4			1	3					X	X	X		-017
5	MW-4D						1215		4			1	3					X	X	X		-018
6	MW-5						1300		4			1	3					X	X	X		-019
7	MW-5D						1310		4			1	3					X	X	X		-020
8	MW-6						1320		4			1	3					X	X	X		-021
9	MW-7						1335		4			1	3					X	X	X		-022
10	MW-10						1100		4			1	3					X	X	X		-023
11	MW-10D						1110		4			1	3					X	X	X		-024
12																						-0

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-5-11	1800	[signature]	10-5-11	1800				
	[signature]	10/5/11	1800	[signature]	10/5/11	1800	3.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK A. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-5-11

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

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 4 of

1525609

Section A Required Client Information:

Company: Bunc Co LF	
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	
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

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

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N): Y/N; Analysis Test: FLD, VOC, 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	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	FLD	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. (92103584)
1	MW-11					10-5-11	1345		4			1	3					X	X	X		025
2	MW-11D					10-5-11	1355		4			1	3					X	X	X		026
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
		10-5-11	1800	[signature] Pace	10-5-11	1800	
	[signature] Pace	10-5-11	1800	[signature]	10/5/11	1800	

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] Pace — DATE Signed (MM/DD/YY): 10-5-11

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

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 5 of

1525708

Section A
Required Client Information:

Company: Burc Co
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
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): FCD	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92103584
1	MW-1					10-6-11	1100		4			1	3					X	X	X		92103584027
2	MW-1D					10-6	1115		4			1	3					X	X	X		92103584028
3	MW-8					10-6	1430		4			1	3					X	X	X		92103584029
4	MW-8D					10-6	1440		4			1	3					X	X	X		92103584030
5	MW-12					10-6	1240		4			1	3					X	X	X		92103584031
6	MW-12D					10-6	1255		4			1	3					X	X	X		92103584032
7	MW-~~14~~ 13					10-6	1010		4			1	3					X	X	X		92103584033
8	MW-~~14D~~ 13D					10-6	1020		4			1	3					X	X	X		92103584034
9	MW-~~1~~ 14					10-6	1155		4			1	3					X	X	X		92103584035
10	MW-~~1~~ 14D					10-6	1215		4			1	3					X	X	X		92103584036
11	TUC BLK					10-3-11			2				2						X			92103584037
12	EQUIP BLK					10-3-11			3			1	2						X	X		92103584038

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-6-11	1500	[signature] Pace	10-6-11	1500				
	[signature] Pace	10-6-11	1550	[signature]	10/6/11	15:50	2.7	Y	N	Y

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-6-11

*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: July 20, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.06	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc Co Project #

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used: IR ~~Gun#2 -80344039~~ **Type of Ice:** Wet Blue None ☐ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.7 C

Corrected Cooler Temp.: 2.4 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/5/11

		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: Date: 10/15/11 SRF Review: Date: 10/6/11

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)

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: July 20, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.06	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc. Co Project #

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier: ☐ 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

Thermometer Used: ~~IR Gun#2 -80344089~~ **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add/Subtract 0.7 C

Corrected Cooler Temp.: 2.4 C **Biological Tissue is Frozen:** Yes No N/A

Date and Initials of person examining contents: 10/3/11

Temp should be above freezing to 6°C

		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: Date: 10/6/11 SRF Review: Date: 10/6/11

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)

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

October 19, 2011

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

RE: Project: Buncombe Co. LF- New Fall 2011
Pace Project No.: 92103584

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between October 03, 2011 and October 06, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Buncombe Co. LF- New Fall 2011
Pace Project No.: 92103584

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Buncombe Co. LF- New Fall 2011
Pace Project No.: 92103584

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92103584001	**11-07 SW-1**		TRW	4	PASI-C
92103584002	**11-07 SW-2**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584003	**11-07 SW-3**		TRW	5	PASI-C
92103584004	**11-07 SW-4**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584005	**11-07 SW-5**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584006	**11-07 LEACHATE**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584007	**11-07 LD-1**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584008	**11-07 LD-2**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584009	**11-07 LD-3**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584010	**11-07 LD-4**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584011	**11-07 LD-5**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584012	**11-07 LD-6**		TRW	7	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584013	**11-07 LD-LEACHATE**		TRW	4	PASI-C
92103584014	**11-07 MW-2**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584015	**11-07 MW-2D**		TRW	8	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Buncombe Co. LF- New Fall 2011
Pace Project No.: 92103584

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584016	**11-07 MW-3**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584017	**11-07 MW-4**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584018	**11-07 MW-4D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584019	**11-07 MW-5**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584020	**11-07 MW-5D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584021	**11-07 MW-6**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584022	**11-07 MW-7**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584023	**11-07 MW-10**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584024	**11-07 MW-10D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584025	**11-07 MW-11**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584026	**11-07 MW-11D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584027	**11-07 MW-1**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Buncombe Co. LF- New Fall 2011
Pace Project No.: 92103584

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	53	PASI-C
92103584028	**11-07 MW-1D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584029	**11-07 MW-8**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584030	**11-07 MW-8D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584031	**11-07 MW-12**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584032	**11-07 MW-12D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584033	**11-07 MW-13**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584034	**11-07 MW-13D**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584035	**11-07 MW-14**		TRW	8	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584036	**11-07 MW-14D**		TRW	9	PASI-C
		EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C
92103584037	**TVL BLK**	EPA 8260	MCK	53	PASI-C
92103584038	**EQUIP BLK**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	53	PASI-C

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-1 **Lab ID: 92103584001** Collected: 10/03/11 11:05 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 09:23		
Collected Date	**10/3/11**			1		10/14/11 09:23		
Collected Time	**11:05**			1		10/14/11 09:23		
Field pH	**DRY**	Std. Units		1		10/14/11 09:23		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-2 **Lab ID: 92103584002** Collected: 10/03/11 11:15 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 13:50		
Collected Date	**10/3/11**			1		10/14/11 13:50		
Collected Time	**11:15**			1		10/14/11 13:50		
Field pH	**7.3**	Std. Units		1		10/14/11 13:50		
Field Temperature	**9.9**	deg C		1		10/14/11 13:50		
Field Specific Conductance	**127**	umhos/cm		1		10/14/11 13:50		
Turbidity	**3.77**	NTU		1		10/14/11 13:50		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-38-2	
Barium	**47.9**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:24	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:24	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:24	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:24	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:24	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:24	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 13:44	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 13:44	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 13:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 13:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 13:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 13:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 13:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 13:44	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 13:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 13:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 13:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 13:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 13:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 13:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 13:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 13:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 13:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 13:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 13:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 13:44	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-2 **Lab ID: 92103584002** Collected: 10/03/11 11:15 Received: 10/03/11 16:30 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		10/06/11 13:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 13:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 13:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 13:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 13:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 13:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 13:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 13:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 13:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 13:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 13:44	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 13:44	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 13:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 13:44	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 13:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 13:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 13:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 13:44	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 13:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 13:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 13:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 13:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 13:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 13:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 13:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 13:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 13:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 13:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 13:44	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130	1		10/06/11 13:44	460-00-4	
Dibromofluoromethane (S)	105	%	70-130	1		10/06/11 13:44	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		10/06/11 13:44	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/06/11 13:44	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-3 **Lab ID: 92103584003** Collected: 10/03/11 12:45 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 13:51		
Collected Date	**10/3/11**			1		10/14/11 13:51		
Collected Time	**12:45**			1		10/14/11 13:51		
Field pH	**DRY**	Std. Units		1		10/14/11 13:51		
Field Temperature	**DRY**	deg C		1		10/14/11 13:51		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-4 **Lab ID: 92103584004** Collected: 10/03/11 14:30 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 13:53		
Collected Date	**10/3/11**			1		10/14/11 13:53		
Collected Time	**14:30**			1		10/14/11 13:53		
Field pH	**7.1**	Std. Units		1		10/14/11 13:53		
Field Temperature	**12.6**	deg C		1		10/14/11 13:53		
Field Specific Conductance	**216**	umhos/cm		1		10/14/11 13:53		
Turbidity	**49.2**	NTU		1		10/14/11 13:53		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-38-2	
Barium	**147**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:27	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:27	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-47-3	
Cobalt	**10.9**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:27	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:27	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:27	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:27	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 14:09	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 14:09	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 14:09	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 14:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 14:09	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 14:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 14:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 14:09	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 14:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 14:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 14:09	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 14:09	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 14:09	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 14:09	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 14:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 14:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 14:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 14:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 14:09	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 14:09	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-4 **Lab ID: 92103584004** Collected: 10/03/11 14:30 Received: 10/03/11 16:30 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		10/06/11 14:09	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 14:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 14:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 14:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 14:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 14:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 14:09	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 14:09	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 14:09	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 14:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 14:09	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 14:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 14:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 14:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 14:09	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 14:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 14:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 14:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 14:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 14:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 14:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 14:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 14:09	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 14:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 14:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 14:09	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130	1		10/06/11 14:09	460-00-4	
Dibromofluoromethane (S)	93	%	70-130	1		10/06/11 14:09	1868-53-7	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		10/06/11 14:09	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		10/06/11 14:09	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-5 **Lab ID: 92103584005** Collected: 10/03/11 12:00 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:54		
Collected Date	**10/3/11**			1		10/14/11 17:54		
Collected Time	**12:00**			1		10/14/11 17:54		
Field pH	**7.7**	Std. Units		1		10/14/11 17:54		
Field Temperature	**11.8**	deg C		1		10/14/11 17:54		
Field Specific Conductance	**508**	umhos/cm		1		10/14/11 17:54		
Turbidity	**2.23**	NTU		1		10/14/11 17:54		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-38-2	
Barium	**63.7**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:31	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:31	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:31	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:31	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:31	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:31	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 14:33	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 14:33	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 14:33	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 14:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 14:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 14:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 14:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 14:33	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 14:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 14:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 14:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 14:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 14:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 14:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 14:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 14:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 14:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 14:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 14:33	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 14:33	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 SW-5 **Lab ID: 92103584005** Collected: 10/03/11 12:00 Received: 10/03/11 16:30 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		10/06/11 14:33	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 14:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 14:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 14:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 14:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 14:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 14:33	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 14:33	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 14:33	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 14:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 14:33	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 14:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 14:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 14:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 14:33	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 14:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 14:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 14:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 14:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 14:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 14:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 14:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 14:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 14:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 14:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 14:33	95-47-6	
4-Bromofluorobenzene (S)	102	%	70-130	1		10/06/11 14:33	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		10/06/11 14:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		10/06/11 14:33	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		10/06/11 14:33	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LEACHATE **Lab ID: 92103584006** Collected: 10/03/11 15:10 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:55		
Collected Date	**10/3/11**			1		10/14/11 17:55		
Collected Time	**15:10**			1		10/14/11 17:55		
Field pH	**8.1**	Std. Units		1		10/14/11 17:55		
Field Temperature	**18.0**	deg C		1		10/14/11 17:55		
Field Specific Conductance	**3237**	umhos/cm		1		10/14/11 17:55		
Turbidity	**41.5**	NTU		1		10/14/11 17:55		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-38-2	
Barium	**140**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:35	7440-43-9	
Chromium	**11.3**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-47-3	
Cobalt	**6.5**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7439-92-1	
Nickel	**40.0**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:35	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:35	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:35	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:35	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 14:57	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 14:57	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 14:57	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 14:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 14:57	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 14:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 14:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 14:57	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 14:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 14:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 14:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 14:57	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 14:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 14:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 14:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 14:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 14:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 14:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 14:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 14:57	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LEACHATE **Lab ID: 92103584006** Collected: 10/03/11 15:10 Received: 10/03/11 16:30 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		10/06/11 14:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 14:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 14:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 14:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 14:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 14:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 14:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 14:57	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 14:57	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 14:57	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 14:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 14:57	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 14:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 14:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 14:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 14:57	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 14:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 14:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 14:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 14:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 14:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 14:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 14:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 14:57	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 14:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 14:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 14:57	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		10/06/11 14:57	460-00-4	
Dibromofluoromethane (S)	92	%	70-130	1		10/06/11 14:57	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		10/06/11 14:57	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		10/06/11 14:57	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-1 **Lab ID: 92103584007** Collected: 10/03/11 12:50 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:02		
Collected Date	**10/3/11**			1		10/14/11 14:02		
Collected Time	**12:50**			1		10/14/11 14:02		
Field pH	**5.1**	Std. Units		1		10/14/11 14:02		
Field Temperature	**15.7**	deg C		1		10/14/11 14:02		
Field Specific Conductance	**143**	umhos/cm		1		10/14/11 14:02		
Turbidity	**1.34**	NTU		1		10/14/11 14:02		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-38-2	
Barium	**83.9**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:38	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:38	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-47-3	
Cobalt	**102**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7439-92-1	
Nickel	**40.6**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:38	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:38	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:38	7440-62-2	
Zinc	**14.7**	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:38	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 15:21	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 15:21	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 15:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 15:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 15:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 15:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 15:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 15:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 15:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 15:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 15:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 15:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 15:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 15:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 15:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 15:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 15:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 15:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 15:21	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 15:21	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-1 **Lab ID: 92103584007** Collected: 10/03/11 12:50 Received: 10/03/11 16:30 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		10/06/11 15:21	110-57-6	
1,1-Dichloroethane	**2.8**	ug/L	1.0	1		10/06/11 15:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 15:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 15:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 15:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 15:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 15:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 15:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 15:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 15:21	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 15:21	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 15:21	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 15:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 15:21	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 15:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 15:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 15:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 15:21	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 15:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 15:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 15:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 15:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 15:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 15:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 15:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 15:21	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 15:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 15:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 15:21	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/06/11 15:21	460-00-4	
Dibromofluoromethane (S)	104	%	70-130	1		10/06/11 15:21	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		10/06/11 15:21	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		10/06/11 15:21	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-2 **Lab ID: 92103584008** Collected: 10/03/11 15:30 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:03		
Collected Date	**10/3/11**			1		10/14/11 14:03		
Collected Time	**15:30**			1		10/14/11 14:03		
Field pH	**6.5**	Std. Units		1		10/14/11 14:03		
Field Temperature	**16.2**	deg C		1		10/14/11 14:03		
Field Specific Conductance	**333**	umhos/cm		1		10/14/11 14:03		
Turbidity	**1.64**	NTU		1		10/14/11 14:03		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-38-2	
Barium	**90.6**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:42	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:42	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-47-3	
Cobalt	**31.6**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:42	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:42	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:42	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:42	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 15:45	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 15:45	107-13-1	
Benzene	**1.8**	ug/L	1.0	1		10/06/11 15:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 15:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 15:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 15:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 15:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 15:45	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 15:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 15:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 15:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 15:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 15:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 15:45	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 15:45	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 15:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 15:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 15:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 15:45	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 15:45	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-2 **Lab ID: 92103584008** Collected: 10/03/11 15:30 Received: 10/03/11 16:30 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		10/06/11 15:45	110-57-6	
1,1-Dichloroethane	**3.9**	ug/L	1.0	1		10/06/11 15:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 15:45	75-35-4	
cis-1,2-Dichloroethene	**1.9**	ug/L	1.0	1		10/06/11 15:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 15:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 15:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 15:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 15:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 15:45	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 15:45	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 15:45	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 15:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 15:45	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 15:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 15:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 15:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 15:45	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 15:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 15:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 15:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 15:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 15:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 15:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 15:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 15:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 15:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 15:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 15:45	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130	1		10/06/11 15:45	460-00-4	
Dibromofluoromethane (S)	93	%	70-130	1		10/06/11 15:45	1868-53-7	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		10/06/11 15:45	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		10/06/11 15:45	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-3 **Lab ID: 92103584009** Collected: 10/03/11 13:20 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:04		
Collected Date	**10/3/11**			1		10/14/11 14:04		
Collected Time	**13:20**			1		10/14/11 14:04		
Field pH	**5.9**	Std. Units		1		10/14/11 14:04		
Field Temperature	**16.6**	deg C		1		10/14/11 14:04		
Field Specific Conductance	**433**	umhos/cm		1		10/14/11 14:04		
Turbidity	**42.3**	NTU		1		10/14/11 14:04		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-38-2	
Barium	**279**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:46	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-47-3	
Cobalt	**22.2**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-48-4	
Copper	**5.7**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7439-92-1	
Nickel	**5.5**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:46	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:46	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:46	7440-62-2	
Zinc	**17.1**	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:46	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 16:10	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 16:10	107-13-1	
Benzene	**2.9**	ug/L	1.0	1		10/06/11 16:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 16:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 16:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 16:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 16:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 16:10	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 16:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 16:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 16:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 16:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 16:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 16:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 16:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 16:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 16:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 16:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 16:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 16:10	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-3 **Lab ID: 92103584009** Collected: 10/03/11 13:20 Received: 10/03/11 16:30 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		10/06/11 16:10	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 16:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 16:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 16:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 16:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 16:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 16:10	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 16:10	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 16:10	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 16:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 16:10	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 16:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 16:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 16:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 16:10	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 16:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 16:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 16:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 16:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 16:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 16:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 16:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 16:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 16:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 16:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 16:10	95-47-6	
4-Bromofluorobenzene (S)	96	%	70-130	1		10/06/11 16:10	460-00-4	
Dibromofluoromethane (S)	111	%	70-130	1		10/06/11 16:10	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		10/06/11 16:10	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		10/06/11 16:10	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-4 **Lab ID: 92103584010** Collected: 10/03/11 13:45 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:05		
Collected Date	**10/3/11**			1		10/14/11 14:05		
Collected Time	**13:45**			1		10/14/11 14:05		
Field pH	**6.0**	Std. Units		1		10/14/11 14:05		
Field Temperature	**16.8**	deg C		1		10/14/11 14:05		
Field Specific Conductance	**270**	umhos/cm		1		10/14/11 14:05		
Turbidity	**3.25**	NTU		1		10/14/11 14:05		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**13.0**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-36-0	
Arsenic	**16.2**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-38-2	
Barium	**75.3**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:50	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:50	7440-43-9	
Chromium	**173**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-47-3	
Cobalt	**33.8**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-48-4	
Copper	**31.6**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7439-92-1	
Nickel	**4850**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:50	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:50	7440-28-0	
Vanadium	**7.9**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:50	7440-62-2	
Zinc	**118**	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:50	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 16:34	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 16:34	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 16:34	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 16:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 16:34	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 16:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 16:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 16:34	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 16:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 16:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 16:34	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 16:34	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 16:34	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 16:34	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 16:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 16:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 16:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 16:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 16:34	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 16:34	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-4 **Lab ID: 92103584010** Collected: 10/03/11 13:45 Received: 10/03/11 16:30 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		10/06/11 16:34	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 16:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 16:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 16:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 16:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 16:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 16:34	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 16:34	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 16:34	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 16:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 16:34	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 16:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 16:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 16:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 16:34	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 16:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 16:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 16:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 16:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 16:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 16:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 16:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 16:34	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 16:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 16:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 16:34	95-47-6	
4-Bromofluorobenzene (S)	94	%	70-130	1		10/06/11 16:34	460-00-4	
Dibromofluoromethane (S)	101	%	70-130	1		10/06/11 16:34	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		10/06/11 16:34	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		10/06/11 16:34	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-5 **Lab ID: 92103584011** Collected: 10/03/11 14:50 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:07		
Collected Date	**10/3/11**			1		10/14/11 14:07		
Collected Time	**14:50**			1		10/14/11 14:07		
Field pH	**6.1**	Std. Units		1		10/14/11 14:07		
Field Temperature	**18.5**	deg C		1		10/14/11 14:07		
Field Specific Conductance	**314**	umhos/cm		1		10/14/11 14:07		
Turbidity	**22.3**	NTU		1		10/14/11 14:07		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-38-2	
Barium	**323**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:54	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:54	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-47-3	
Cobalt	**143**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7439-92-1	
Nickel	**42.1**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:54	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:54	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:54	7440-62-2	
Zinc	**22.5**	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:54	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 16:59	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 16:59	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 16:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 16:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 16:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 16:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 16:59	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 16:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 16:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 16:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 16:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 16:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 16:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 16:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 16:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 16:59	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 16:59	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-5 **Lab ID: 92103584011** Collected: 10/03/11 14:50 Received: 10/03/11 16:30 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		10/06/11 16:59	110-57-6	
1,1-Dichloroethane	**1.1**	ug/L	1.0	1		10/06/11 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 16:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 16:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 16:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 16:59	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 16:59	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 16:59	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 16:59	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 16:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 16:59	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 16:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 16:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 16:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 16:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 16:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 16:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 16:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 16:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 16:59	95-47-6	
4-Bromofluorobenzene (S)	94	%	70-130	1		10/06/11 16:59	460-00-4	
Dibromofluoromethane (S)	100	%	70-130	1		10/06/11 16:59	1868-53-7	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		10/06/11 16:59	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		10/06/11 16:59	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-6 **Lab ID: 92103584012** Collected: 10/03/11 14:00 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:09		
Collected Date	**10/3/11**			1		10/14/11 14:09		
Collected Time	**14:00**			1		10/14/11 14:09		
Field pH	**6.3**	Std. Units		1		10/14/11 14:09		
Field Temperature	**16.8**	deg C		1		10/14/11 14:09		
Field Specific Conductance	**601**	umhos/cm		1		10/14/11 14:09		
Turbidity	**8.01**	NTU		1		10/14/11 14:09		
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-38-2	
Barium	**258**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/07/11 10:50	10/12/11 01:58	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-47-3	
Cobalt	**51.1**	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-48-4	
Copper	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-50-8	
Lead	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:58	7782-49-2	
Silver	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:58	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/07/11 10:50	10/12/11 01:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/07/11 10:50	10/12/11 01:58	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/06/11 17:23	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/06/11 17:23	107-13-1	
Benzene	ND	ug/L	1.0	1		10/06/11 17:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/06/11 17:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/06/11 17:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/06/11 17:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/06/11 17:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/06/11 17:23	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/06/11 17:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/06/11 17:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/06/11 17:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/06/11 17:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/06/11 17:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/06/11 17:23	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/06/11 17:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/06/11 17:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/06/11 17:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/06/11 17:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 17:23	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/06/11 17:23	106-46-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-6 **Lab ID: 92103584012** Collected: 10/03/11 14:00 Received: 10/03/11 16:30 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		10/06/11 17:23	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/06/11 17:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/06/11 17:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/06/11 17:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 17:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/06/11 17:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/06/11 17:23	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 17:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/06/11 17:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/06/11 17:23	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/06/11 17:23	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/06/11 17:23	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/06/11 17:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/06/11 17:23	108-10-1	
Styrene	ND	ug/L	1.0	1		10/06/11 17:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 17:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/06/11 17:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/06/11 17:23	127-18-4	
Toluene	ND	ug/L	1.0	1		10/06/11 17:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/06/11 17:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/06/11 17:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/06/11 17:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/06/11 17:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/06/11 17:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/06/11 17:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/06/11 17:23	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/06/11 17:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/06/11 17:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/06/11 17:23	95-47-6	
4-Bromofluorobenzene (S)	97	%	70-130	1		10/06/11 17:23	460-00-4	
Dibromofluoromethane (S)	111	%	70-130	1		10/06/11 17:23	1868-53-7	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		10/06/11 17:23	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		10/06/11 17:23	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 LD-LEACHATE **Lab ID: 92103584013** Collected: 10/03/11 15:05 Received: 10/03/11 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:11		
Collected Date	**10/3/11**			1		10/14/11 14:11		
Collected Time	**15:05**			1		10/14/11 14:11		
Field pH	**DRY**	Std. Units		1		10/14/11 14:11		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-2 **Lab ID: 92103584014** Collected: 10/05/11 10:30 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:16		
Collected Date	**10/5/11**			1		10/14/11 14:16		
Collected Time	**10:30**			1		10/14/11 14:16		
Field pH	**6.1**	Std. Units		1		10/14/11 14:16		
Field Temperature	**14.9**	deg C		1		10/14/11 14:16		
Static Water Level	**9.02**	feet		1		10/14/11 14:16		
Field Specific Conductance	**171**	umhos/cm		1		10/14/11 14:16		
Turbidity	**5.99**	NTU		1		10/14/11 14:16		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-38-2	
Barium	**136**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:47	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:47	7440-43-9	
Chromium	**6.1**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-47-3	
Cobalt	**5.4**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-48-4	
Copper	**6.1**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7439-92-1	
Nickel	**7.5**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:47	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 19:47	7440-28-0	
Vanadium	**12.5**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:47	7440-62-2	
Zinc	**23.5**	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:47	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 17:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 17:42	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 17:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 17:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 17:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 17:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 17:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 17:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 17:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 17:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 17:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 17:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 17:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 17:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 17:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 17:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 17:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 17:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 17:42	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-2 **Lab ID: 92103584014** Collected: 10/05/11 10:30 Received: 10/05/11 18:00 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		10/10/11 17:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 17:42	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 17:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 17:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 17:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 17:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 17:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 17:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 17:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 17:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 17:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 17:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 17:42	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 17:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 17:42	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 17:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 17:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 17:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 17:42	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 17:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 17:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 17:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 17:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 17:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 17:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 17:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 17:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 17:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 17:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 17:42	95-47-6	
4-Bromofluorobenzene (S)	90	%	70-130	1		10/10/11 17:42	460-00-4	
Dibromofluoromethane (S)	121	%	70-130	1		10/10/11 17:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	120	%	70-130	1		10/10/11 17:42	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/10/11 17:42	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-2D **Lab ID: 92103584015** Collected: 10/05/11 10:45 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:19		
Collected Date	**10/5/11**			1		10/14/11 14:19		
Collected Time	**10:45**			1		10/14/11 14:19		
Field pH	**6.6**	Std. Units		1		10/14/11 14:19		
Field Temperature	**14.8**	deg C		1		10/14/11 14:19		
Static Water Level	**8.37**	feet		1		10/14/11 14:19		
Field Specific Conductance	**230**	umhos/cm		1		10/14/11 14:19		
Turbidity	**1.23**	NTU		1		10/14/11 14:19		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-38-2	
Barium	**87.8**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:51	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:51	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:51	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 19:51	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:51	7440-62-2	
Zinc	**16.8**	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:51	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 18:08	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 18:08	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 18:08	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 18:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 18:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 18:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 18:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 18:08	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 18:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 18:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 18:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 18:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 18:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 18:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 18:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 18:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 18:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 18:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 18:08	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-2D **Lab ID: 92103584015** Collected: 10/05/11 10:45 Received: 10/05/11 18:00 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		10/10/11 18:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 18:08	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 18:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 18:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 18:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 18:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 18:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 18:08	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 18:08	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 18:08	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 18:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 18:08	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 18:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 18:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 18:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 18:08	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 18:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 18:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 18:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 18:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 18:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 18:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 18:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 18:08	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 18:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 18:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 18:08	95-47-6	
4-Bromofluorobenzene (S)	93	%	70-130	1		10/10/11 18:08	460-00-4	
Dibromofluoromethane (S)	125	%	70-130	1		10/10/11 18:08	1868-53-7	
1,2-Dichloroethane-d4 (S)	123	%	70-130	1		10/10/11 18:08	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/10/11 18:08	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-3 **Lab ID: 92103584016** Collected: 10/05/11 11:40 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:28		
Collected Date	**10/5/11**			1		10/14/11 14:28		
Collected Time	**11:40**			1		10/14/11 14:28		
Field pH	**6.1**	Std. Units		1		10/14/11 14:28		
Field Temperature	**14.9**	deg C		1		10/14/11 14:28		
Static Water Level	**32.66**	feet		1		10/14/11 14:28		
Field Specific Conductance	**202**	umhos/cm		1		10/14/11 14:28		
Turbidity	**549**	NTU		1		10/14/11 14:28		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-38-2	
Barium	**166**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:54	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:54	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-47-3	
Cobalt	**7.6**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7439-92-1	
Nickel	**18.2**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:54	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 19:54	7440-28-0	
Vanadium	**6.1**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:54	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:54	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 18:33	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 18:33	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 18:33	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 18:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 18:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 18:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 18:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 18:33	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 18:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 18:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 18:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 18:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 18:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 18:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 18:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 18:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 18:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 18:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 18:33	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-3 **Lab ID: 92103584016** Collected: 10/05/11 11:40 Received: 10/05/11 18:00 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		10/10/11 18:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 18:33	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 18:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 18:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 18:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 18:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 18:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 18:33	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 18:33	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 18:33	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 18:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 18:33	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 18:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 18:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 18:33	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 18:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 18:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 18:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 18:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 18:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 18:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 18:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 18:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 18:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 18:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 18:33	95-47-6	
4-Bromofluorobenzene (S)	92	%	70-130	1		10/10/11 18:33	460-00-4	
Dibromofluoromethane (S)	128	%	70-130	1		10/10/11 18:33	1868-53-7	
1,2-Dichloroethane-d4 (S)	126	%	70-130	1		10/10/11 18:33	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/10/11 18:33	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-4 **Lab ID: 92103584017** Collected: 10/05/11 12:00 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:35		
Collected Date	**10/5/11**			1		10/14/11 14:35		
Collected Time	**12:00**			1		10/14/11 14:35		
Field pH	**6.3**	Std. Units		1		10/14/11 14:35		
Field Temperature	**15.8**	deg C		1		10/14/11 14:35		
Static Water Level	**14.21**	feet		1		10/14/11 14:35		
Field Specific Conductance	**205**	umhos/cm		1		10/14/11 14:35		
Turbidity	**2.93**	NTU		1		10/14/11 14:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-38-2	
Barium	**95.5**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 19:58	7440-43-9	
Chromium	**5.3**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-48-4	
Copper	**5.4**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:58	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 19:58	7440-28-0	
Vanadium	**7.2**	ug/L	5.0	1	10/14/11 14:35	10/18/11 19:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 19:58	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 18:58	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 18:58	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 18:58	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 18:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 18:58	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 18:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 18:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 18:58	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 18:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 18:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 18:58	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 18:58	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 18:58	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 18:58	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 18:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 18:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 18:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 18:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 18:58	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-4 **Lab ID: 92103584017** Collected: 10/05/11 12:00 Received: 10/05/11 18:00 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		10/10/11 18:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 18:58	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 18:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 18:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 18:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 18:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 18:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 18:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 18:58	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 18:58	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 18:58	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 18:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 18:58	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 18:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 18:58	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 18:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 18:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 18:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 18:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 18:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 18:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 18:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 18:58	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 18:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 18:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 18:58	95-47-6	
4-Bromofluorobenzene (S)	94	%	70-130	1		10/10/11 18:58	460-00-4	
Dibromofluoromethane (S)	130	%	70-130	1		10/10/11 18:58	1868-53-7	
1,2-Dichloroethane-d4 (S)	131	%	70-130	1		10/10/11 18:58	17060-07-0	S3
Toluene-d8 (S)	98	%	70-130	1		10/10/11 18:58	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-4D **Lab ID: 92103584018** Collected: 10/05/11 12:15 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:36		
Collected Date	**10/5/11**			1		10/14/11 14:36		
Collected Time	**12:15**			1		10/14/11 14:36		
Field pH	**6.4**	Std. Units		1		10/14/11 14:36		
Field Temperature	**16.1**	deg C		1		10/14/11 14:36		
Static Water Level	**14.26**	feet		1		10/14/11 14:36		
Field Specific Conductance	**256**	umhos/cm		1		10/14/11 14:36		
Turbidity	**23.4**	NTU		1		10/14/11 14:36		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/19/11 12:54	7440-38-2	
Barium	**34.4**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:01	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:01	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:01	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:01	7440-28-0	
Vanadium	**7.6**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:01	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:01	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 19:24	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 19:24	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 19:24	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 19:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 19:24	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 19:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 19:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 19:24	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 19:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 19:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 19:24	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 19:24	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 19:24	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 19:24	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 19:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 19:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 19:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 19:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 19:24	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-4D **Lab ID: 92103584018** Collected: 10/05/11 12:15 Received: 10/05/11 18:00 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		10/10/11 19:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 19:24	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 19:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 19:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 19:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 19:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 19:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 19:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 19:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 19:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 19:24	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 19:24	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 19:24	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 19:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 19:24	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 19:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 19:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 19:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 19:24	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 19:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 19:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 19:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 19:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 19:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 19:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 19:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 19:24	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 19:24	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 19:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 19:24	95-47-6	
4-Bromofluorobenzene (S)	93	%	70-130	1		10/10/11 19:24	460-00-4	
Dibromofluoromethane (S)	129	%	70-130	1		10/10/11 19:24	1868-53-7	
1,2-Dichloroethane-d4 (S)	131	%	70-130	1		10/10/11 19:24	17060-07-0	S3
Toluene-d8 (S)	99	%	70-130	1		10/10/11 19:24	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-5 **Lab ID: 92103584019** Collected: 10/05/11 13:00 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:37		
Collected Date	**10/5/11**			1		10/14/11 14:37		
Collected Time	**13:00**			1		10/14/11 14:37		
Field pH	**6.5**	Std. Units		1		10/14/11 14:37		
Field Temperature	**15.4**	deg C		1		10/14/11 14:37		
Static Water Level	**35.77**	feet		1		10/14/11 14:37		
Field Specific Conductance	**193**	umhos/cm		1		10/14/11 14:37		
Turbidity	**4.08**	NTU		1		10/14/11 14:37		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-38-2	
Barium	**102**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:05	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:05	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:05	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:05	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:05	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:05	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 19:49	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 19:49	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 19:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 19:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 19:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 19:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 19:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 19:49	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 19:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 19:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 19:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 19:49	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 19:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 19:49	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 19:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 19:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 19:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 19:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 19:49	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-5 **Lab ID: 92103584019** Collected: 10/05/11 13:00 Received: 10/05/11 18:00 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		10/10/11 19:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 19:49	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 19:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 19:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 19:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 19:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 19:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 19:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 19:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 19:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 19:49	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 19:49	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 19:49	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 19:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 19:49	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 19:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 19:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 19:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 19:49	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 19:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 19:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 19:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 19:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 19:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 19:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 19:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 19:49	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 19:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 19:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 19:49	95-47-6	
4-Bromofluorobenzene (S)	92	%	70-130	1		10/10/11 19:49	460-00-4	
Dibromofluoromethane (S)	130	%	70-130	1		10/10/11 19:49	1868-53-7	
1,2-Dichloroethane-d4 (S)	132	%	70-130	1		10/10/11 19:49	17060-07-0	S3
Toluene-d8 (S)	99	%	70-130	1		10/10/11 19:49	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-5D **Lab ID: 92103584020** Collected: 10/05/11 13:10 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:39		
Collected Date	**10/5/11**			1		10/14/11 14:39		
Collected Time	**13:10**			1		10/14/11 14:39		
Field pH	**6.5**	Std. Units		1		10/14/11 14:39		
Field Temperature	**15.4**	deg C		1		10/14/11 14:39		
Static Water Level	**37.88**	feet		1		10/14/11 14:39		
Field Specific Conductance	**187**	umhos/cm		1		10/14/11 14:39		
Turbidity	**2.55**	NTU		1		10/14/11 14:39		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-38-2	
Barium	**61.3**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:08	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:08	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:08	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:08	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:08	7440-62-2	
Zinc	**13.7**	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:08	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 20:15	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 20:15	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 20:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 20:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 20:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 20:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 20:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 20:15	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 20:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 20:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 20:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 20:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 20:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 20:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 20:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 20:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 20:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 20:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 20:15	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-5D **Lab ID: 92103584020** Collected: 10/05/11 13:10 Received: 10/05/11 18:00 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		10/10/11 20:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 20:15	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 20:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 20:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 20:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 20:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 20:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 20:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 20:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 20:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 20:15	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 20:15	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 20:15	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 20:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 20:15	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 20:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 20:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 20:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 20:15	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 20:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 20:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 20:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 20:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 20:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 20:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 20:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 20:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 20:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 20:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 20:15	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/10/11 20:15	460-00-4	
Dibromofluoromethane (S)	134	%	70-130	1		10/10/11 20:15	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	134	%	70-130	1		10/10/11 20:15	17060-07-0	S3
Toluene-d8 (S)	99	%	70-130	1		10/10/11 20:15	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-6 **Lab ID: 92103584021** Collected: 10/05/11 13:20 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 14:44		
Collected Date	**10/5/11**			1		10/14/11 14:44		
Collected Time	**13:20**			1		10/14/11 14:44		
Field pH	**6.2**	Std. Units		1		10/14/11 14:44		
Field Temperature	**14.9**	deg C		1		10/14/11 14:44		
Static Water Level	**28.29**	feet		1		10/14/11 14:44		
Field Specific Conductance	**141**	umhos/cm		1		10/14/11 14:44		
Turbidity	**4.33**	NTU		1		10/14/11 14:44		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-38-2	
Barium	**57.2**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:21	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:21	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:21	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:21	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:21	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:21	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 20:40	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 20:40	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 20:40	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 20:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 20:40	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 20:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 20:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 20:40	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 20:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 20:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 20:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 20:40	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 20:40	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 20:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 20:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 20:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 20:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 20:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 20:40	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-6 **Lab ID: 92103584021** Collected: 10/05/11 13:20 Received: 10/05/11 18:00 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		10/10/11 20:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 20:40	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 20:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 20:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 20:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 20:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 20:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 20:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 20:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 20:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 20:40	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 20:40	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 20:40	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 20:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 20:40	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 20:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 20:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 20:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 20:40	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 20:40	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 20:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 20:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 20:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 20:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 20:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 20:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 20:40	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 20:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 20:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 20:40	95-47-6	
4-Bromofluorobenzene (S)	94	%	70-130	1		10/10/11 20:40	460-00-4	
Dibromofluoromethane (S)	135	%	70-130	1		10/10/11 20:40	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	137	%	70-130	1		10/10/11 20:40	17060-07-0	S3
Toluene-d8 (S)	99	%	70-130	1		10/10/11 20:40	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-7 **Lab ID: 92103584022** Collected: 10/05/11 13:35 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 15:43		
Collected Date	**10/5/11**			1		10/14/11 15:43		
Collected Time	**13:20**			1		10/14/11 15:43		
Field pH	**6.2**	Std. Units		1		10/14/11 15:43		
Field Temperature	**14.9**	deg C		1		10/14/11 15:43		
Static Water Level	**28.29**	feet		1		10/14/11 15:43		
Field Specific Conductance	**141**	umhos/cm		1		10/14/11 15:43		
Turbidity	**4.33**	NTU		1		10/14/11 15:43		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-36-0	
Arsenic	**14.7**	ug/L	5.0	1	10/14/11 14:35	10/19/11 12:57	7440-38-2	
Barium	**155**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:25	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:25	7440-43-9	
Chromium	**5.2**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-48-4	
Copper	**7.2**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7439-92-1	
Nickel	**10.8**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:25	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-22-4	
Thallium	**20.8**	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:25	7440-28-0	
Vanadium	**58.4**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:25	7440-62-2	
Zinc	**15.9**	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:25	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 21:53	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 21:53	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 21:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 21:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 21:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 21:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 21:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 21:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 21:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 21:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 21:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 21:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 21:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 21:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 21:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 21:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 21:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 21:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 21:53	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-7 **Lab ID: 92103584022** Collected: 10/05/11 13:35 Received: 10/05/11 18:00 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		10/11/11 21:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 21:53	110-57-6	
1,1-Dichloroethane	**2.1**	ug/L	1.0	1		10/11/11 21:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 21:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 21:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 21:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 21:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 21:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 21:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 21:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 21:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 21:53	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 21:53	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 21:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 21:53	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 21:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 21:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 21:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 21:53	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 21:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 21:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 21:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 21:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 21:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 21:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 21:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 21:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 21:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 21:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 21:53	95-47-6	
4-Bromofluorobenzene (S)	102	%	70-130	1		10/11/11 21:53	460-00-4	
Dibromofluoromethane (S)	98	%	70-130	1		10/11/11 21:53	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/11/11 21:53	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		10/11/11 21:53	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-10 **Lab ID: 92103584023** Collected: 10/05/11 11:00 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 15:44		
Collected Date	**10/5/11**			1		10/14/11 15:44		
Collected Time	**11:00**			1		10/14/11 15:44		
Field pH	**6.4**	Std. Units		1		10/14/11 15:44		
Field Temperature	**14.5**	deg C		1		10/14/11 15:44		
Static Water Level	**71.30**	feet		1		10/14/11 15:44		
Field Specific Conductance	**283**	umhos/cm		1		10/14/11 15:44		
Turbidity	**3.57**	NTU		1		10/14/11 15:44		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-38-2	
Barium	**126**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:28	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:28	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:28	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:28	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:28	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:28	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 21:31	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 21:31	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 21:31	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 21:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 21:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 21:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 21:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 21:31	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 21:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 21:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 21:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 21:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 21:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 21:31	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 21:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 21:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 21:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 21:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 21:31	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-10 **Lab ID: 92103584023** Collected: 10/05/11 11:00 Received: 10/05/11 18:00 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		10/10/11 21:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 21:31	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 21:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 21:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 21:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 21:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 21:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 21:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 21:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 21:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 21:31	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 21:31	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 21:31	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 21:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 21:31	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 21:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 21:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 21:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 21:31	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 21:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 21:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 21:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 21:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 21:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 21:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 21:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 21:31	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 21:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 21:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 21:31	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/10/11 21:31	460-00-4	
Dibromofluoromethane (S)	134	%	70-130	1		10/10/11 21:31	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	138	%	70-130	1		10/10/11 21:31	17060-07-0	S3
Toluene-d8 (S)	100	%	70-130	1		10/10/11 21:31	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-10D **Lab ID: 92103584024** Collected: 10/05/11 11:10 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 15:53		
Collected Date	**10/5/11**			1		10/14/11 15:53		
Collected Time	**11:10**			1		10/14/11 15:53		
Field pH	**6.6**	Std. Units		1		10/14/11 15:53		
Field Temperature	**14.8**	deg C		1		10/14/11 15:53		
Static Water Level	**71.87**	feet		1		10/14/11 15:53		
Field Specific Conductance	**237**	umhos/cm		1		10/14/11 15:53		
Turbidity	**5.06**	NTU		1		10/14/11 15:53		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-38-2	
Barium	**23.2**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:32	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:32	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7439-92-1	
Nickel	**7.4**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:32	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:32	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:32	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:32	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 21:57	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 21:57	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 21:57	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 21:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 21:57	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 21:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 21:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 21:57	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 21:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 21:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 21:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 21:57	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 21:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 21:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 21:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 21:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 21:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 21:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 21:57	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-10D **Lab ID: 92103584024** Collected: 10/05/11 11:10 Received: 10/05/11 18:00 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		10/10/11 21:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 21:57	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 21:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 21:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 21:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 21:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 21:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 21:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 21:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 21:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 21:57	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 21:57	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 21:57	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 21:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 21:57	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 21:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 21:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 21:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 21:57	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 21:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 21:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 21:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 21:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 21:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 21:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 21:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 21:57	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 21:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 21:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 21:57	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/10/11 21:57	460-00-4	
Dibromofluoromethane (S)	131	%	70-130	1		10/10/11 21:57	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	134	%	70-130	1		10/10/11 21:57	17060-07-0	S3
Toluene-d8 (S)	99	%	70-130	1		10/10/11 21:57	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-11 **Lab ID: 92103584025** Collected: 10/05/11 13:45 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 15:54		
Collected Date	**10/5/11**			1		10/14/11 15:54		
Collected Time	**13:45**			1		10/14/11 15:54		
Field pH	**6.9**	Std. Units		1		10/14/11 15:54		
Field Temperature	**15.0**	deg C		1		10/14/11 15:54		
Static Water Level	**33.61**	feet		1		10/14/11 15:54		
Field Specific Conductance	**336**	umhos/cm		1		10/14/11 15:54		
Turbidity	**2.17**	NTU		1		10/14/11 15:54		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-38-2	
Barium	**71.1**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:35	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7439-92-1	
Nickel	**7.9**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:35	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:35	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:35	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:35	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 22:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 22:22	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 22:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 22:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 22:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 22:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 22:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 22:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 22:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 22:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 22:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 22:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 22:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 22:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 22:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 22:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 22:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 22:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 22:22	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-11 **Lab ID: 92103584025** Collected: 10/05/11 13:45 Received: 10/05/11 18:00 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		10/10/11 22:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 22:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 22:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 22:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 22:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 22:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 22:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 22:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 22:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 22:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 22:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 22:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 22:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 22:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 22:22	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 22:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 22:22	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 22:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 22:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 22:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 22:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 22:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 22:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 22:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 22:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 22:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 22:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 22:22	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/10/11 22:22	460-00-4	
Dibromofluoromethane (S)	131	%	70-130	1		10/10/11 22:22	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	134	%	70-130	1		10/10/11 22:22	17060-07-0	S3
Toluene-d8 (S)	101	%	70-130	1		10/10/11 22:22	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-11D **Lab ID: 92103584026** Collected: 10/05/11 13:55 Received: 10/05/11 18:00 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 15:59		
Collected Date	**10/5/11**			1		10/14/11 15:59		
Collected Time	**13:55**			1		10/14/11 15:59		
Field pH	**6.6**	Std. Units		1		10/14/11 15:59		
Field Temperature	**14.9**	deg C		1		10/14/11 15:59		
Static Water Level	**34.29**	feet		1		10/14/11 15:59		
Field Specific Conductance	**346**	umhos/cm		1		10/14/11 15:59		
Turbidity	**1.53**	NTU		1		10/14/11 15:59		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-38-2	
Barium	**15.6**	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:38	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/14/11 14:35	10/18/11 20:38	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-48-4	
Copper	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-50-8	
Lead	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:38	7782-49-2	
Silver	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/14/11 14:35	10/18/11 20:38	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/14/11 14:35	10/18/11 20:38	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/14/11 14:35	10/18/11 20:38	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 22:47	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 22:47	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 22:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 22:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 22:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 22:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 22:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 22:47	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 22:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 22:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 22:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 22:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 22:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 22:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 22:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 22:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 22:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 22:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 22:47	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-11D **Lab ID: 92103584026** Collected: 10/05/11 13:55 Received: 10/05/11 18:00 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		10/10/11 22:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 22:47	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 22:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 22:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 22:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 22:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 22:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 22:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 22:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 22:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 22:47	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 22:47	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 22:47	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 22:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 22:47	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 22:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 22:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 22:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 22:47	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 22:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 22:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 22:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 22:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 22:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 22:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 22:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 22:47	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 22:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 22:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 22:47	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/10/11 22:47	460-00-4	
Dibromofluoromethane (S)	133	%	70-130	1		10/10/11 22:47	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	136	%	70-130	1		10/10/11 22:47	17060-07-0	S3
Toluene-d8 (S)	100	%	70-130	1		10/10/11 22:47	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-1 **Lab ID: 92103584027** Collected: 10/06/11 11:00 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 16:03		
Collected Date	**10/6/11**			1		10/14/11 16:03		
Collected Time	**11:00**			1		10/14/11 16:03		
Field pH	**6.6**	Std. Units		1		10/14/11 16:03		
Field Temperature	**14.5**	deg C		1		10/14/11 16:03		
Static Water Level	**71.02**	feet		1		10/14/11 16:03		
Field Specific Conductance	**146**	umhos/cm		1		10/14/11 16:03		
Turbidity	**21.0**	NTU		1		10/14/11 16:03		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/19/11 14:03	7440-38-2	
Barium	**123**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:35	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:35	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 19:35	7440-28-0	
Vanadium	**6.4**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:35	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:35	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 23:13	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 23:13	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 23:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 23:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 23:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 23:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 23:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 23:13	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 23:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 23:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 23:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 23:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 23:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 23:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 23:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 23:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 23:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 23:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 23:13	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-1 **Lab ID: 92103584027** Collected: 10/06/11 11:00 Received: 10/06/11 15:50 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		10/10/11 23:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 23:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 23:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 23:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 23:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 23:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 23:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 23:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 23:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 23:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 23:13	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 23:13	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 23:13	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 23:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 23:13	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 23:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 23:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 23:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 23:13	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 23:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 23:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 23:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 23:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 23:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 23:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 23:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 23:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 23:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 23:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 23:13	95-47-6	
4-Bromofluorobenzene (S)	96	%	70-130	1		10/10/11 23:13	460-00-4	
Dibromofluoromethane (S)	130	%	70-130	1		10/10/11 23:13	1868-53-7	
1,2-Dichloroethane-d4 (S)	135	%	70-130	1		10/10/11 23:13	17060-07-0	S3
Toluene-d8 (S)	100	%	70-130	1		10/10/11 23:13	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-1D **Lab ID: 92103584028** Collected: 10/06/11 11:15 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 16:04		
Collected Date	**10/6/11**			1		10/14/11 16:04		
Collected Time	**11:15**			1		10/14/11 16:04		
Field pH	**7.6**	Std. Units		1		10/14/11 16:04		
Field Temperature	**14.6**	deg C		1		10/14/11 16:04		
Static Water Level	**73.12**	feet		1		10/14/11 16:04		
Field Specific Conductance	**276**	umhos/cm		1		10/14/11 16:04		
Turbidity	**59.4**	NTU		1		10/14/11 16:04		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/19/11 14:06	7440-38-2	
Barium	**41.0**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:37	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:37	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-50-8	
Lead	**6.8**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7439-92-1	
Nickel	**5.7**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:37	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 19:37	7440-28-0	
Vanadium	**7.0**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:37	7440-62-2	
Zinc	**16.7**	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:37	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/10/11 23:38	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/10/11 23:38	107-13-1	
Benzene	ND	ug/L	1.0	1		10/10/11 23:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/10/11 23:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/10/11 23:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/10/11 23:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/10/11 23:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/10/11 23:38	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/10/11 23:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/10/11 23:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/10/11 23:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/10/11 23:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/10/11 23:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/10/11 23:38	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/10/11 23:38	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/10/11 23:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/10/11 23:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/10/11 23:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/10/11 23:38	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-1D **Lab ID: 92103584028** Collected: 10/06/11 11:15 Received: 10/06/11 15:50 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		10/10/11 23:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/10/11 23:38	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/10/11 23:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/10/11 23:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/10/11 23:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 23:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/10/11 23:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/10/11 23:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 23:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/10/11 23:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/10/11 23:38	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/10/11 23:38	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/10/11 23:38	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/10/11 23:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/10/11 23:38	108-10-1	
Styrene	ND	ug/L	1.0	1		10/10/11 23:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 23:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/10/11 23:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/10/11 23:38	127-18-4	
Toluene	ND	ug/L	1.0	1		10/10/11 23:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/10/11 23:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/10/11 23:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/10/11 23:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/10/11 23:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/10/11 23:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/10/11 23:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/10/11 23:38	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/10/11 23:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/10/11 23:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/10/11 23:38	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/10/11 23:38	460-00-4	
Dibromofluoromethane (S)	131	%	70-130	1		10/10/11 23:38	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	133	%	70-130	1		10/10/11 23:38	17060-07-0	S3
Toluene-d8 (S)	99	%	70-130	1		10/10/11 23:38	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-8 **Lab ID: 92103584029** Collected: 10/06/11 14:30 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:30		
Collected Date	**10/6/11**			1		10/14/11 17:30		
Collected Time	**14:30**			1		10/14/11 17:30		
Field pH	**6.3**	Std. Units		1		10/14/11 17:30		
Field Temperature	**16.1**	deg C		1		10/14/11 17:30		
Static Water Level	**35.81**	feet		1		10/14/11 17:30		
Field Specific Conductance	**264**	umhos/cm		1		10/14/11 17:30		
Turbidity	**31.0**	NTU		1		10/14/11 17:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/19/11 14:09	7440-38-2	
Barium	**112**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:40	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:40	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:40	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 19:40	7440-28-0	
Vanadium	**6.9**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:40	7440-62-2	
Zinc	**11.0**	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:40	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 00:04	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 00:04	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 00:04	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 00:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 00:04	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 00:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 00:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 00:04	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 00:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 00:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 00:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 00:04	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 00:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 00:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 00:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 00:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 00:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 00:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 00:04	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-8 **Lab ID: 92103584029** Collected: 10/06/11 14:30 Received: 10/06/11 15:50 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		10/11/11 00:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 00:04	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 00:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 00:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 00:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 00:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 00:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 00:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 00:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 00:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 00:04	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 00:04	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 00:04	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 00:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 00:04	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 00:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 00:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 00:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 00:04	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 00:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 00:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 00:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 00:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 00:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 00:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 00:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 00:04	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 00:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 00:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 00:04	95-47-6	
4-Bromofluorobenzene (S)	95	%	70-130	1		10/11/11 00:04	460-00-4	
Dibromofluoromethane (S)	131	%	70-130	1		10/11/11 00:04	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	136	%	70-130	1		10/11/11 00:04	17060-07-0	S3
Toluene-d8 (S)	100	%	70-130	1		10/11/11 00:04	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-8D **Lab ID: 92103584030** Collected: 10/06/11 14:40 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:29		
Collected Date	**10/6/11**			1		10/14/11 17:29		
Collected Time	**14:40**			1		10/14/11 17:29		
Field pH	**5.7**	Std. Units		1		10/14/11 17:29		
Field Temperature	**15.4**	deg C		1		10/14/11 17:29		
Static Water Level	**34.71**	feet		1		10/14/11 17:29		
Field Specific Conductance	**301**	umhos/cm		1		10/14/11 17:29		
Turbidity	**1.12**	NTU		1		10/14/11 17:29		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/19/11 14:12	7440-38-2	
Barium	**123**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:43	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:43	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:43	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 19:43	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:43	7440-62-2	
Zinc	**10.4**	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:43	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 00:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 00:29	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 00:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 00:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 00:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 00:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 00:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 00:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 00:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 00:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 00:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 00:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 00:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 00:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 00:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 00:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 00:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 00:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 00:29	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-8D **Lab ID: 92103584030** Collected: 10/06/11 14:40 Received: 10/06/11 15:50 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		10/11/11 00:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 00:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 00:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 00:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 00:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 00:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 00:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 00:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 00:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 00:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 00:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 00:29	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 00:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 00:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 00:29	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 00:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 00:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 00:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 00:29	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 00:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 00:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 00:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 00:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 00:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 00:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 00:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 00:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 00:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 00:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 00:29	95-47-6	
4-Bromofluorobenzene (S)	94	%	70-130	1		10/11/11 00:29	460-00-4	
Dibromofluoromethane (S)	133	%	70-130	1		10/11/11 00:29	1868-53-7	S3
1,2-Dichloroethane-d4 (S)	138	%	70-130	1		10/11/11 00:29	17060-07-0	S3
Toluene-d8 (S)	101	%	70-130	1		10/11/11 00:29	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-12 **Lab ID: 92103584031** Collected: 10/06/11 12:40 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:28		
Collected Date	**10/6/11**			1		10/14/11 17:28		
Collected Time	**12:40**			1		10/14/11 17:28		
Field pH	**6.3**	Std. Units		1		10/14/11 17:28		
Field Temperature	**16.5**	deg C		1		10/14/11 17:28		
Static Water Level	**13.08**	feet		1		10/14/11 17:28		
Field Specific Conductance	**906**	umhos/cm		1		10/14/11 17:28		
Turbidity	**1.26**	NTU		1		10/14/11 17:28		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/19/11 14:15	7440-38-2	
Barium	**239**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:46	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7439-92-1	
Nickel	**12.7**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:46	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 19:46	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:46	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:46	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 22:17	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 22:17	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 22:17	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 22:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 22:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 22:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 22:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 22:17	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 22:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 22:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 22:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 22:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 22:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 22:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 22:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 22:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 22:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 22:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 22:17	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-12 **Lab ID: 92103584031** Collected: 10/06/11 12:40 Received: 10/06/11 15:50 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		10/11/11 22:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 22:17	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 22:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 22:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 22:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 22:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 22:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 22:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 22:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 22:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 22:17	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 22:17	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 22:17	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 22:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 22:17	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 22:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 22:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 22:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 22:17	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 22:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 22:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 22:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 22:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 22:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 22:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 22:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 22:17	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 22:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 22:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 22:17	95-47-6	
4-Bromofluorobenzene (S)	101	%	70-130	1		10/11/11 22:17	460-00-4	
Dibromofluoromethane (S)	100	%	70-130	1		10/11/11 22:17	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/11/11 22:17	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		10/11/11 22:17	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-12D **Lab ID: 92103584032** Collected: 10/06/11 12:55 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:28		
Collected Date	**10/6/11**			1		10/14/11 17:28		
Collected Time	**12:55**			1		10/14/11 17:28		
Field pH	**6.1**	Std. Units		1		10/14/11 17:28		
Field Temperature	**15.6**	deg C		1		10/14/11 17:28		
Static Water Level	**14.31**	feet		1		10/14/11 17:28		
Field Specific Conductance	**310**	umhos/cm		1		10/14/11 17:28		
Turbidity	**7.91**	NTU		1		10/14/11 17:28		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/19/11 14:18	7440-38-2	
Barium	**63.5**	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:49	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 19:49	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:49	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 19:49	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 19:49	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 19:49	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 22:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 22:42	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 22:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 22:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 22:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 22:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 22:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 22:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 22:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 22:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 22:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 22:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 22:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 22:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 22:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 22:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 22:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 22:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 22:42	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-12D **Lab ID: 92103584032** Collected: 10/06/11 12:55 Received: 10/06/11 15:50 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		10/11/11 22:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 22:42	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 22:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 22:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 22:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 22:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 22:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 22:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 22:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 22:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 22:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 22:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 22:42	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 22:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 22:42	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 22:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 22:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 22:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 22:42	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 22:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 22:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 22:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 22:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 22:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 22:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 22:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 22:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 22:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 22:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 22:42	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		10/11/11 22:42	460-00-4	
Dibromofluoromethane (S)	108	%	70-130	1		10/11/11 22:42	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		10/11/11 22:42	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		10/11/11 22:42	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-13 **Lab ID: 92103584033** Collected: 10/06/11 10:10 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:27		
Collected Date	**10/6/11**			1		10/14/11 17:27		
Collected Time	**10:10**			1		10/14/11 17:27		
Field pH	**6.5**	Std. Units		1		10/14/11 17:27		
Field Temperature	**17.8**	deg C		1		10/14/11 17:27		
Static Water Level	**7.01**	feet		1		10/14/11 17:27		
Field Specific Conductance	**353**	umhos/cm		1		10/14/11 17:27		
Turbidity	**10.5**	NTU		1		10/14/11 17:27		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-38-2	
Barium	**193**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:00	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:00	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-47-3	
Cobalt	**32.7**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:00	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 20:00	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:00	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:00	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 23:06	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 23:06	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 23:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 23:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 23:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 23:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 23:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 23:06	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 23:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 23:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 23:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 23:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 23:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 23:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 23:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 23:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 23:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 23:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 23:06	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-13 **Lab ID: 92103584033** Collected: 10/06/11 10:10 Received: 10/06/11 15:50 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		10/11/11 23:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 23:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 23:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 23:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 23:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 23:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 23:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 23:06	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 23:06	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 23:06	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 23:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 23:06	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 23:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 23:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 23:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 23:06	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 23:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 23:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 23:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 23:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 23:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 23:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 23:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 23:06	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 23:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 23:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 23:06	95-47-6	
4-Bromofluorobenzene (S)	98	%	70-130	1		10/11/11 23:06	460-00-4	
Dibromofluoromethane (S)	106	%	70-130	1		10/11/11 23:06	1868-53-7	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		10/11/11 23:06	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		10/11/11 23:06	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-13D **Lab ID: 92103584034** Collected: 10/06/11 10:20 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:26		
Collected Date	**10/6/11**			1		10/14/11 17:26		
Collected Time	**10:20**			1		10/14/11 17:26		
Field pH	**6.2**	Std. Units		1		10/14/11 17:26		
Field Temperature	**17.5**	deg C		1		10/14/11 17:26		
Static Water Level	**8.09**	feet		1		10/14/11 17:26		
Field Specific Conductance	**351**	umhos/cm		1		10/14/11 17:26		
Turbidity	**13.2**	NTU		1		10/14/11 17:26		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-38-2	
Barium	**259**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:03	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:03	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-47-3	
Cobalt	**22.7**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7439-92-1	
Nickel	**23.2**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:03	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 20:03	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:03	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:03	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 23:30	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 23:30	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 23:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 23:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 23:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 23:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 23:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 23:30	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 23:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 23:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 23:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 23:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 23:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 23:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 23:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 23:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 23:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 23:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 23:30	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-13D **Lab ID: 92103584034** Collected: 10/06/11 10:20 Received: 10/06/11 15:50 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		10/11/11 23:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 23:30	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 23:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 23:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 23:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 23:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 23:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 23:30	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 23:30	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 23:30	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 23:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 23:30	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 23:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 23:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 23:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 23:30	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 23:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 23:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 23:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 23:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 23:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 23:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 23:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 23:30	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 23:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 23:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 23:30	95-47-6	
4-Bromofluorobenzene (S)	102	%	70-130	1		10/11/11 23:30	460-00-4	
Dibromofluoromethane (S)	100	%	70-130	1		10/11/11 23:30	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/11/11 23:30	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		10/11/11 23:30	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-14 **Lab ID: 92103584035** Collected: 10/06/11 11:55 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:25		
Collected Date	**10/6/11**			1		10/14/11 17:25		
Collected Time	**11:55**			1		10/14/11 17:25		
Field pH	**6.6**	Std. Units		1		10/14/11 17:25		
Field Temperature	**13.8**	deg C		1		10/14/11 17:25		
Static Water Level	**32.60**	feet		1		10/14/11 17:25		
Field Specific Conductance	**207**	umhos/cm		1		10/14/11 17:25		
Turbidity	**5.6**	NTU		1		10/14/11 17:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-38-2	
Barium	**57.3**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:06	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:06	7440-43-9	
Chromium	**5.1**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:06	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 20:06	7440-28-0	
Vanadium	**9.1**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:06	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:06	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/11/11 23:54	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/11/11 23:54	107-13-1	
Benzene	ND	ug/L	1.0	1		10/11/11 23:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/11/11 23:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/11/11 23:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/11/11 23:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/11/11 23:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/11/11 23:54	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/11/11 23:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/11/11 23:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/11/11 23:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/11/11 23:54	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/11/11 23:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/11/11 23:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/11/11 23:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/11/11 23:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/11/11 23:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/11/11 23:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/11/11 23:54	95-50-1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-14 **Lab ID: 92103584035** Collected: 10/06/11 11:55 Received: 10/06/11 15:50 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		10/11/11 23:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/11/11 23:54	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/11/11 23:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/11/11 23:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/11/11 23:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/11/11 23:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 23:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/11/11 23:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/11/11 23:54	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/11/11 23:54	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/11/11 23:54	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/11/11 23:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/11/11 23:54	108-10-1	
Styrene	ND	ug/L	1.0	1		10/11/11 23:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 23:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/11/11 23:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/11/11 23:54	127-18-4	
Toluene	ND	ug/L	1.0	1		10/11/11 23:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/11/11 23:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/11/11 23:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/11/11 23:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/11/11 23:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/11/11 23:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/11/11 23:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/11/11 23:54	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/11/11 23:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/11/11 23:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/11/11 23:54	95-47-6	
4-Bromofluorobenzene (S)	101	%	70-130	1		10/11/11 23:54	460-00-4	
Dibromofluoromethane (S)	109	%	70-130	1		10/11/11 23:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		10/11/11 23:54	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		10/11/11 23:54	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-14D **Lab ID: 92103584036** Collected: 10/06/11 12:15 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/14/11 17:23		
Collected Date	**10/6/11**			1		10/14/11 17:23		
Collected Time	**12:15**			1		10/14/11 17:23		
Field pH	**6.8**	Std. Units		1		10/14/11 17:23		
Field Temperature	**13.6**	deg C		1		10/14/11 17:23		
Static Water Level	**32.90**	feet		1		10/14/11 17:23		
Field Specific Conductance	**273**	umhos/cm		1		10/14/11 17:23		
Oxygen, Dissolved	**9.0**	mg/L		1		10/14/11 17:23	7782-44-7	
Turbidity	**1.42**	NTU		1		10/14/11 17:23		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-38-2	
Barium	**6.2**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:09	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:09	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:09	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 20:09	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:09	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:09	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/11 00:19	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/11 00:19	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/11 00:19	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/11 00:19	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/11 00:19	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/11 00:19	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/11 00:19	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/11 00:19	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/11 00:19	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/11 00:19	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/11 00:19	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/11 00:19	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/11 00:19	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/11 00:19	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/12/11 00:19	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/11 00:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/11 00:19	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/11 00:19	74-95-3	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: 11-07 MW-14D **Lab ID: 92103584036** Collected: 10/06/11 12:15 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/11 00:19	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/11 00:19	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/12/11 00:19	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/11 00:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/11 00:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/11 00:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/11 00:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/11 00:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/11 00:19	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/11 00:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/11 00:19	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/11 00:19	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/11 00:19	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/11 00:19	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/11 00:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/11 00:19	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/11 00:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/11 00:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/11 00:19	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/11 00:19	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/11 00:19	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/11 00:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/11 00:19	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/11 00:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/11 00:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/11 00:19	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/11 00:19	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/11 00:19	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/11 00:19	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/11 00:19	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/11 00:19	95-47-6	
4-Bromofluorobenzene (S)	103	%	70-130	1		10/12/11 00:19	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		10/12/11 00:19	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/12/11 00:19	17060-07-0	
Toluene-d8 (S)	104	%	70-130	1		10/12/11 00:19	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: TVL BLK **Lab ID: 92103584037** Collected: 10/06/11 00:00 Received: 10/06/11 15:50 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		10/12/11 00:43	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/11 00:43	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/11 00:43	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/11 00:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/11 00:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/11 00:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/11 00:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/11 00:43	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/11 00:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/11 00:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/11 00:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/11 00:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/11 00:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/11 00:43	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/12/11 00:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/11 00:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/11 00:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/11 00:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/11 00:43	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/11 00:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/12/11 00:43	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/11 00:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/11 00:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/11 00:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/11 00:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/11 00:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/11 00:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/11 00:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/11 00:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/11 00:43	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/11 00:43	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/11 00:43	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/11 00:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/11 00:43	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/11 00:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/11 00:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/11 00:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/11 00:43	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/11 00:43	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/11 00:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/11 00:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/11 00:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/11 00:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/11 00:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/11 00:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/11 00:43	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/11 00:43	1330-20-7	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: TVL BLK **Lab ID: 92103584037** Collected: 10/06/11 00:00 Received: 10/06/11 15:50 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		10/12/11 00:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/11 00:43	95-47-6	
4-Bromofluorobenzene (S)	100	%	70-130	1		10/12/11 00:43	460-00-4	
Dibromofluoromethane (S)	98	%	70-130	1		10/12/11 00:43	1868-53-7	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/12/11 00:43	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		10/12/11 00:43	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: EQUIP BLK **Lab ID: 92103584038** Collected: 10/06/11 00:00 Received: 10/06/11 15:50 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	10/17/11 12:35	10/18/11 20:12	7440-36-0	
Arsenic	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-38-2	
Barium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:12	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/11 12:35	10/18/11 20:12	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:12	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/11 12:35	10/18/11 20:12	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:12	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/11 12:35	10/18/11 20:12	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/11 01:07	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/11 01:07	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/11 01:07	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/11 01:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/11 01:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/11 01:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/11 01:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/11 01:07	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/11 01:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/11 01:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/11 01:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/11 01:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/11 01:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/11 01:07	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	1		10/12/11 01:07	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/11 01:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/11 01:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/11 01:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/11 01:07	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/11 01:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/12/11 01:07	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/11 01:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/11 01:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/11 01:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/11 01:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/11 01:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/11 01:07	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/11 01:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/11 01:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/11 01:07	100-41-4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

Sample: EQUIP BLK **Lab ID: 92103584038** Collected: 10/06/11 00:00 Received: 10/06/11 15:50 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		10/12/11 01:07	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/11 01:07	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/11 01:07	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/11 01:07	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/11 01:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/11 01:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/11 01:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/11 01:07	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/11 01:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/11 01:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/11 01:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/11 01:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/11 01:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/11 01:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/11 01:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/11 01:07	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/11 01:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/11 01:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/11 01:07	95-47-6	
4-Bromofluorobenzene (S)	102	%	70-130	1		10/12/11 01:07	460-00-4	
Dibromofluoromethane (S)	103	%	70-130	1		10/12/11 01:07	1868-53-7	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/12/11 01:07	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		10/12/11 01:07	2037-26-5	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

QC Batch: MPRP/9217 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92103584014, 92103584015, 92103584016, 92103584017, 92103584018, 92103584019, 92103584020, 92103584021, 92103584022, 92103584023, 92103584024, 92103584025, 92103584026

METHOD BLANK: 672932 | Matrix: Water
Associated Lab Samples: 92103584014, 92103584015, 92103584016, 92103584017, 92103584018, 92103584019, 92103584020, 92103584021, 92103584022, 92103584023, 92103584024, 92103584025, 92103584026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/18/11 19:04	
Arsenic	ug/L	ND	5.0	10/18/11 19:04	
Barium	ug/L	ND	5.0	10/18/11 19:04	
Beryllium	ug/L	ND	1.0	10/18/11 19:04	
Cadmium	ug/L	ND	1.0	10/18/11 19:04	
Chromium	ug/L	ND	5.0	10/18/11 19:04	
Cobalt	ug/L	ND	5.0	10/18/11 19:04	
Copper	ug/L	ND	5.0	10/18/11 19:04	
Lead	ug/L	ND	5.0	10/18/11 19:04	
Nickel	ug/L	ND	5.0	10/18/11 19:04	
Selenium	ug/L	ND	10.0	10/18/11 19:04	
Silver	ug/L	ND	5.0	10/18/11 19:04	
Thallium	ug/L	ND	5.4	10/18/11 19:04	
Vanadium	ug/L	ND	5.0	10/18/11 19:04	
Zinc	ug/L	ND	10.0	10/18/11 19:04	

LABORATORY CONTROL SAMPLE: 672933

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	490	98	80-120	
Arsenic	ug/L	500	489	98	80-120	
Barium	ug/L	500	504	101	80-120	
Beryllium	ug/L	500	489	98	80-120	
Cadmium	ug/L	500	496	99	80-120	
Chromium	ug/L	500	481	96	80-120	
Cobalt	ug/L	500	491	98	80-120	
Copper	ug/L	500	496	99	80-120	
Lead	ug/L	500	498	100	80-120	
Nickel	ug/L	500	501	100	80-120	
Selenium	ug/L	500	494	99	80-120	
Silver	ug/L	250	243	97	80-120	
Thallium	ug/L	500	490	98	80-120	
Vanadium	ug/L	500	489	98	80-120	
Zinc	ug/L	500	475	95	80-120	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 672943 672944

Parameter	Units	92103784004 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	495	98	99	75-125	1	
Arsenic	ug/L	ND	500	500	485	490	97	98	75-125	1	
Barium	ug/L	ND	500	500	501	513	100	102	75-125	2	
Beryllium	ug/L	ND	500	500	478	485	96	97	75-125	1	
Cadmium	ug/L	ND	500	500	490	493	98	99	75-125	1	
Chromium	ug/L	ND	500	500	478	484	96	97	75-125	1	
Cobalt	ug/L	ND	500	500	487	492	97	98	75-125	1	
Copper	ug/L	ND	500	500	498	510	99	102	75-125	2	
Lead	ug/L	ND	500	500	484	492	97	98	75-125	2	
Nickel	ug/L	ND	500	500	494	502	99	100	75-125	2	
Selenium	ug/L	ND	500	500	479	492	95	98	75-125	3	
Silver	ug/L	ND	250	250	241	243	96	97	75-125	1	
Thallium	ug/L	ND	500	500	486	493	96	98	75-125	1	
Vanadium	ug/L	ND	500	500	488	494	98	99	75-125	1	
Zinc	ug/L	ND	500	500	475	478	94	95	75-125	1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

QC Batch: MPRP/9224 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92103584027, 92103584028, 92103584029, 92103584030, 92103584031, 92103584032, 92103584033, 92103584034, 92103584035, 92103584036, 92103584038

METHOD BLANK: 673557 | Matrix: Water
Associated Lab Samples: 92103584027, 92103584028, 92103584029, 92103584030, 92103584031, 92103584032, 92103584033, 92103584034, 92103584035, 92103584036, 92103584038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/18/11 18:52	
Arsenic	ug/L	ND	5.0	10/18/11 18:52	
Barium	ug/L	ND	5.0	10/18/11 18:52	
Beryllium	ug/L	ND	1.0	10/18/11 18:52	
Cadmium	ug/L	ND	1.0	10/18/11 18:52	
Chromium	ug/L	ND	5.0	10/18/11 18:52	
Cobalt	ug/L	ND	5.0	10/18/11 18:52	
Copper	ug/L	ND	5.0	10/18/11 18:52	
Lead	ug/L	ND	5.0	10/18/11 18:52	
Nickel	ug/L	ND	5.0	10/18/11 18:52	
Selenium	ug/L	ND	10.0	10/18/11 18:52	
Silver	ug/L	ND	5.0	10/18/11 18:52	
Thallium	ug/L	ND	5.4	10/18/11 18:52	
Vanadium	ug/L	ND	5.0	10/18/11 18:52	
Zinc	ug/L	ND	10.0	10/18/11 18:52	

LABORATORY CONTROL SAMPLE: 673558

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	521	104	80-120	
Arsenic	ug/L	500	519	104	80-120	
Barium	ug/L	500	507	101	80-120	
Beryllium	ug/L	500	502	100	80-120	
Cadmium	ug/L	500	509	102	80-120	
Chromium	ug/L	500	501	100	80-120	
Cobalt	ug/L	500	523	105	80-120	
Copper	ug/L	500	511	102	80-120	
Lead	ug/L	500	503	101	80-120	
Nickel	ug/L	500	511	102	80-120	
Selenium	ug/L	500	520	104	80-120	
Silver	ug/L	250	253	101	80-120	
Thallium	ug/L	500	507	101	80-120	
Vanadium	ug/L	500	497	99	80-120	
Zinc	ug/L	500	526	105	80-120	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

MATRIX SPIKE SAMPLE: 673559

Parameter	Units	92103797004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	505	101	75-125	
Arsenic	ug/L	ND	500	486	97	75-125	
Barium	ug/L	ND	500	515	99	75-125	
Beryllium	ug/L	ND	500	493	99	75-125	
Cadmium	ug/L	ND	500	497	99	75-125	
Chromium	ug/L	ND	500	494	99	75-125	
Cobalt	ug/L	ND	500	511	102	75-125	
Copper	ug/L	ND	500	502	100	75-125	
Lead	ug/L	ND	500	492	98	75-125	
Nickel	ug/L	ND	500	499	100	75-125	
Selenium	ug/L	ND	500	506	101	75-125	
Silver	ug/L	ND	250	248	99	75-125	
Thallium	ug/L	ND	500	491	98	75-125	
Vanadium	ug/L	ND	500	488	97	75-125	
Zinc	ug/L	ND	500	517	103	75-125	

SAMPLE DUPLICATE: 673560

Parameter	Units	92103797005 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	ND	ND		
Arsenic	ug/L	ND	ND		
Barium	ug/L	102	100	2	
Beryllium	ug/L	ND	ND		
Cadmium	ug/L	ND	ND		
Chromium	ug/L	ND	ND		
Cobalt	ug/L	ND	7.4	2	
Copper	ug/L	ND	ND		
Lead	ug/L	ND	ND		
Nickel	ug/L	ND	ND		
Selenium	ug/L	ND	ND		
Silver	ug/L	ND	ND		
Thallium	ug/L	ND	ND		
Vanadium	ug/L	ND	ND		
Zinc	ug/L	12.6	12.3	2	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

QC Batch: MPRP/9166 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 92103584002, 92103584004, 92103584005, 92103584006, 92103584007, 92103584008, 92103584009, 92103584010, 92103584011, 92103584012

METHOD BLANK: 669296 Matrix: Water
Associated Lab Samples: 92103584002, 92103584004, 92103584005, 92103584006, 92103584007, 92103584008, 92103584009, 92103584010, 92103584011, 92103584012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/12/11 00:31	
Arsenic	ug/L	ND	5.0	10/12/11 00:31	
Barium	ug/L	ND	5.0	10/12/11 00:31	
Beryllium	ug/L	ND	1.0	10/12/11 00:31	
Cadmium	ug/L	ND	1.0	10/12/11 00:31	
Chromium	ug/L	ND	5.0	10/12/11 00:31	
Cobalt	ug/L	ND	5.0	10/12/11 00:31	
Copper	ug/L	ND	5.0	10/12/11 00:31	
Lead	ug/L	ND	5.0	10/12/11 00:31	
Nickel	ug/L	ND	5.0	10/12/11 00:31	
Selenium	ug/L	ND	10.0	10/12/11 00:31	
Silver	ug/L	ND	5.0	10/12/11 00:31	
Thallium	ug/L	ND	10.0	10/12/11 00:31	
Vanadium	ug/L	ND	5.0	10/12/11 00:31	
Zinc	ug/L	ND	10.0	10/12/11 00:31	

LABORATORY CONTROL SAMPLE: 669297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	496	99	80-120	
Arsenic	ug/L	500	485	97	80-120	
Barium	ug/L	500	490	98	80-120	
Beryllium	ug/L	500	516	103	80-120	
Cadmium	ug/L	500	508	102	80-120	
Chromium	ug/L	500	508	102	80-120	
Cobalt	ug/L	500	498	100	80-120	
Copper	ug/L	500	481	96	80-120	
Lead	ug/L	500	499	100	80-120	
Nickel	ug/L	500	502	100	80-120	
Selenium	ug/L	500	499	100	80-120	
Silver	ug/L	250	256	102	80-120	
Thallium	ug/L	500	478	96	80-120	
Vanadium	ug/L	500	490	98	80-120	
Zinc	ug/L	500	503	101	80-120	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

MATRIX SPIKE SAMPLE: 669298

Parameter	Units	92103792006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	ND	500	486	97	75-125	
Arsenic	ug/L	5.2	500	490	97	75-125	
Barium	ug/L	101	500	569	94	75-125	
Beryllium	ug/L	ND	500	494	99	75-125	
Cadmium	ug/L	ND	500	476	95	75-125	
Chromium	ug/L	ND	500	489	97	75-125	
Cobalt	ug/L	46.5	500	508	92	75-125	
Copper	ug/L	5.1	500	484	96	75-125	
Lead	ug/L	ND	500	458	91	75-125	
Nickel	ug/L	ND	500	474	95	75-125	
Selenium	ug/L	ND	500	493	98	75-125	
Silver	ug/L	ND	250	253	101	75-125	
Thallium	ug/L	ND	500	434	86	75-125	
Vanadium	ug/L	7.0	500	482	95	75-125	
Zinc	ug/L	10.6	500	496	97	75-125	

SAMPLE DUPLICATE: 669299

Parameter	Units	92103792007 Result	Dup Result	RPD	Qualifiers
Antimony	ug/L	ND	ND		
Arsenic	ug/L	6.9	7.4	8	
Barium	ug/L	809	789	3	
Beryllium	ug/L	4.2	4.2	1	
Cadmium	ug/L	ND	ND		
Chromium	ug/L	144	138	4	
Cobalt	ug/L	151	149	1	
Copper	ug/L	62.9	60.1	5	
Lead	ug/L	38.6	38.5	0	
Nickel	ug/L	50.5	48.5	4	
Selenium	ug/L	ND	8.2J		
Silver	ug/L	ND	ND		
Thallium	ug/L	ND	ND		
Vanadium	ug/L	153	148	3	
Zinc	ug/L	182	175	4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

QC Batch: MSV/16895 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92103584002, 92103584004, 92103584005, 92103584006, 92103584007, 92103584008, 92103584009, 92103584010, 92103584011, 92103584012

METHOD BLANK: 669063 Matrix: Water
Associated Lab Samples: 92103584002, 92103584004, 92103584005, 92103584006, 92103584007, 92103584008, 92103584009, 92103584010, 92103584011, 92103584012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/06/11 10:06	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/06/11 10:06	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/06/11 10:06	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/06/11 10:06	
1,1-Dichloroethane	ug/L	ND	1.0	10/06/11 10:06	
1,1-Dichloroethene	ug/L	ND	1.0	10/06/11 10:06	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/06/11 10:06	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/06/11 10:06	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/06/11 10:06	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/06/11 10:06	
1,2-Dichloroethane	ug/L	ND	1.0	10/06/11 10:06	
1,2-Dichloropropane	ug/L	ND	1.0	10/06/11 10:06	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/06/11 10:06	
2-Butanone (MEK)	ug/L	ND	5.0	10/06/11 10:06	
2-Hexanone	ug/L	ND	5.0	10/06/11 10:06	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/06/11 10:06	
Acetone	ug/L	ND	25.0	10/06/11 10:06	
Acrylonitrile	ug/L	ND	10.0	10/06/11 10:06	
Benzene	ug/L	ND	1.0	10/06/11 10:06	
Bromochloromethane	ug/L	ND	1.0	10/06/11 10:06	
Bromodichloromethane	ug/L	ND	1.0	10/06/11 10:06	
Bromoform	ug/L	ND	1.0	10/06/11 10:06	
Bromomethane	ug/L	ND	2.0	10/06/11 10:06	
Carbon disulfide	ug/L	ND	2.0	10/06/11 10:06	
Carbon tetrachloride	ug/L	ND	1.0	10/06/11 10:06	
Chlorobenzene	ug/L	ND	1.0	10/06/11 10:06	
Chloroethane	ug/L	ND	1.0	10/06/11 10:06	
Chloroform	ug/L	ND	1.0	10/06/11 10:06	
Chloromethane	ug/L	ND	1.0	10/06/11 10:06	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/06/11 10:06	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/06/11 10:06	
Dibromochloromethane	ug/L	ND	1.0	10/06/11 10:06	
Dibromomethane	ug/L	ND	1.0	10/06/11 10:06	
Ethylbenzene	ug/L	ND	1.0	10/06/11 10:06	
Iodomethane	ug/L	ND	5.0	10/06/11 10:06	
m&p-Xylene	ug/L	ND	2.0	10/06/11 10:06	
Methylene Chloride	ug/L	ND	2.0	10/06/11 10:06	
o-Xylene	ug/L	ND	1.0	10/06/11 10:06	
Styrene	ug/L	ND	1.0	10/06/11 10:06	
Tetrachloroethene	ug/L	ND	1.0	10/06/11 10:06	
Toluene	ug/L	ND	1.0	10/06/11 10:06	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

METHOD BLANK: 669063 Matrix: Water

Associated Lab Samples: 92103584002, 92103584004, 92103584005, 92103584006, 92103584007, 92103584008, 92103584009, 92103584010, 92103584011, 92103584012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/06/11 10:06	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/06/11 10:06	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/06/11 10:06	
Trichloroethene	ug/L	ND	1.0	10/06/11 10:06	
Trichlorofluoromethane	ug/L	ND	1.0	10/06/11 10:06	
Vinyl acetate	ug/L	ND	2.0	10/06/11 10:06	
Vinyl chloride	ug/L	ND	1.0	10/06/11 10:06	
Xylene (Total)	ug/L	ND	2.0	10/06/11 10:06	
1,2-Dichloroethane-d4 (S)	%	106	70-130	10/06/11 10:06	
4-Bromofluorobenzene (S)	%	98	70-130	10/06/11 10:06	
Dibromofluoromethane (S)	%	94	70-130	10/06/11 10:06	
Toluene-d8 (S)	%	100	70-130	10/06/11 10:06	

LABORATORY CONTROL SAMPLE: 669064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.6	107	70-130	
1,1,1-Trichloroethane	ug/L	50	44.1	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.8	110	70-130	
1,1,2-Trichloroethane	ug/L	50	53.5	107	70-130	
1,1-Dichloroethane	ug/L	50	48.2	96	70-130	
1,1-Dichloroethene	ug/L	50	48.5	97	70-132	
1,2,3-Trichloropropane	ug/L	50	52.2	104	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.5	101	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.3	105	70-130	
1,2-Dichlorobenzene	ug/L	50	49.6	99	70-130	
1,2-Dichloroethane	ug/L	50	54.2	108	70-130	
1,2-Dichloropropane	ug/L	50	54.6	109	70-130	
1,4-Dichlorobenzene	ug/L	50	49.6	99	70-130	
2-Butanone (MEK)	ug/L	100	100	100	70-145	
2-Hexanone	ug/L	100	110	110	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	112	112	70-140	
Acetone	ug/L	100	123	123	50-175	
Acrylonitrile	ug/L	250	253	101	70-143	
Benzene	ug/L	50	49.9	100	70-130	
Bromochloromethane	ug/L	50	48.5	97	70-130	
Bromodichloromethane	ug/L	50	51.5	103	70-130	
Bromoform	ug/L	50	50.5	101	70-130	
Bromomethane	ug/L	50	61.1	122	54-130	
Carbon disulfide	ug/L	50	48.3	97	70-131	
Carbon tetrachloride	ug/L	50	46.8	94	70-132	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	57.8	116	64-134	
Chloroform	ug/L	50	50.8	102	70-130	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

LABORATORY CONTROL SAMPLE: 669064

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	54.8	110	64-130	
cis-1,2-Dichloroethene	ug/L	50	47.1	94	70-131	
cis-1,3-Dichloropropene	ug/L	50	56.6	113	70-130	
Dibromochloromethane	ug/L	50	49.1	98	70-130	
Dibromomethane	ug/L	50	54.3	109	70-131	
Ethylbenzene	ug/L	50	51.0	102	70-130	
Iodomethane	ug/L	100	107	107	49-180	
m&p-Xylene	ug/L	100	106	106	70-130	
Methylene Chloride	ug/L	50	53.4	107	63-130	
o-Xylene	ug/L	50	53.9	108	70-130	
Styrene	ug/L	50	57.1	114	70-130	
Tetrachloroethene	ug/L	50	48.5	97	70-130	
Toluene	ug/L	50	53.5	107	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.3	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.2	112	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	47.8	96	70-141	
Trichloroethene	ug/L	50	55.3	111	70-130	
Trichlorofluoromethane	ug/L	50	50.3	101	62-133	
Vinyl acetate	ug/L	100	95.8	96	66-157	
Vinyl chloride	ug/L	50	49.6	99	69-130	
Xylene (Total)	ug/L	150	160	107	70-130	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			89	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 669065 669066

Parameter	Units	92103558008 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	57.9	47.6	116	95	70-166	20	
Benzene	ug/L	ND	50	50	55.3	54.3	111	109	70-148	2	
Chlorobenzene	ug/L	ND	50	50	54.8	55.4	110	111	70-146	1	
Toluene	ug/L	ND	50	50	55.9	51.7	112	103	70-155	8	
Trichloroethene	ug/L	12.1	50	50	65.7	67.1	107	110	69-151	2	
1,2-Dichloroethane-d4 (S)	%						105	97	70-130		
4-Bromofluorobenzene (S)	%						95	87	70-130		
Dibromofluoromethane (S)	%						104	102	70-130		
Toluene-d8 (S)	%						97	89	70-130		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

QC Batch: MSV/16920 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92103584014, 92103584015, 92103584016, 92103584017, 92103584018, 92103584019, 92103584020, 92103584021, 92103584023, 92103584024, 92103584025, 92103584026, 92103584027, 92103584028, 92103584029, 92103584030

METHOD BLANK: 670650 Matrix: Water
Associated Lab Samples: 92103584014, 92103584015, 92103584016, 92103584017, 92103584018, 92103584019, 92103584020, 92103584021, 92103584023, 92103584024, 92103584025, 92103584026, 92103584027, 92103584028, 92103584029, 92103584030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/10/11 17:17	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/10/11 17:17	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/10/11 17:17	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/10/11 17:17	
1,1-Dichloroethane	ug/L	ND	1.0	10/10/11 17:17	
1,1-Dichloroethene	ug/L	ND	1.0	10/10/11 17:17	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/10/11 17:17	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/10/11 17:17	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/10/11 17:17	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/10/11 17:17	
1,2-Dichloroethane	ug/L	ND	1.0	10/10/11 17:17	
1,2-Dichloropropane	ug/L	ND	1.0	10/10/11 17:17	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/10/11 17:17	
2-Butanone (MEK)	ug/L	ND	5.0	10/10/11 17:17	
2-Hexanone	ug/L	ND	5.0	10/10/11 17:17	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/10/11 17:17	
Acetone	ug/L	ND	25.0	10/10/11 17:17	
Acrylonitrile	ug/L	ND	10.0	10/10/11 17:17	
Benzene	ug/L	ND	1.0	10/10/11 17:17	
Bromochloromethane	ug/L	ND	1.0	10/10/11 17:17	
Bromodichloromethane	ug/L	ND	1.0	10/10/11 17:17	
Bromoform	ug/L	ND	1.0	10/10/11 17:17	
Bromomethane	ug/L	ND	2.0	10/10/11 17:17	
Carbon disulfide	ug/L	ND	2.0	10/10/11 17:17	
Carbon tetrachloride	ug/L	ND	1.0	10/10/11 17:17	
Chlorobenzene	ug/L	ND	1.0	10/10/11 17:17	
Chloroethane	ug/L	ND	1.0	10/10/11 17:17	
Chloroform	ug/L	ND	1.0	10/10/11 17:17	
Chloromethane	ug/L	ND	1.0	10/10/11 17:17	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/10/11 17:17	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/10/11 17:17	
Dibromochloromethane	ug/L	ND	1.0	10/10/11 17:17	
Dibromomethane	ug/L	ND	1.0	10/10/11 17:17	
Ethylbenzene	ug/L	ND	1.0	10/10/11 17:17	
Iodomethane	ug/L	ND	5.0	10/10/11 17:17	
m&p-Xylene	ug/L	ND	2.0	10/10/11 17:17	
Methylene Chloride	ug/L	ND	2.0	10/10/11 17:17	
o-Xylene	ug/L	ND	1.0	10/10/11 17:17	
Styrene	ug/L	ND	1.0	10/10/11 17:17	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

METHOD BLANK: 670650 Matrix: Water

Associated Lab Samples: 92103584014, 92103584015, 92103584016, 92103584017, 92103584018, 92103584019, 92103584020, 92103584021, 92103584023, 92103584024, 92103584025, 92103584026, 92103584027, 92103584028, 92103584029, 92103584030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Tetrachloroethene	ug/L	ND	1.0	10/10/11 17:17	
Toluene	ug/L	ND	1.0	10/10/11 17:17	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/10/11 17:17	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/10/11 17:17	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/10/11 17:17	
Trichloroethene	ug/L	ND	1.0	10/10/11 17:17	
Trichlorofluoromethane	ug/L	ND	1.0	10/10/11 17:17	
Vinyl acetate	ug/L	ND	2.0	10/10/11 17:17	
Vinyl chloride	ug/L	ND	1.0	10/10/11 17:17	
Xylene (Total)	ug/L	ND	2.0	10/10/11 17:17	
1,2-Dichloroethane-d4 (S)	%	115	70-130	10/10/11 17:17	
4-Bromofluorobenzene (S)	%	93	70-130	10/10/11 17:17	
Dibromofluoromethane (S)	%	120	70-130	10/10/11 17:17	
Toluene-d8 (S)	%	96	70-130	10/10/11 17:17	

LABORATORY CONTROL SAMPLE: 670651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.5	101	70-130	
1,1,1-Trichloroethane	ug/L	50	44.6	89	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.1	102	70-130	
1,1,2-Trichloroethane	ug/L	50	51.4	103	70-130	
1,1-Dichloroethane	ug/L	50	46.0	92	70-130	
1,1-Dichloroethene	ug/L	50	47.6	95	70-132	
1,2,3-Trichloropropane	ug/L	50	46.7	93	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.8	110	70-130	
1,2-Dichlorobenzene	ug/L	50	54.8	110	70-130	
1,2-Dichloroethane	ug/L	50	49.3	99	70-130	
1,2-Dichloropropane	ug/L	50	55.5	111	70-130	
1,4-Dichlorobenzene	ug/L	50	52.4	105	70-130	
2-Butanone (MEK)	ug/L	100	106	106	70-145	
2-Hexanone	ug/L	100	103	103	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	70-140	
Acetone	ug/L	100	114	114	50-175	
Acrylonitrile	ug/L	250	259	103	70-143	
Benzene	ug/L	50	56.6	113	70-130	
Bromochloromethane	ug/L	50	49.4	99	70-130	
Bromodichloromethane	ug/L	50	48.8	98	70-130	
Bromoform	ug/L	50	51.3	103	70-130	
Bromomethane	ug/L	50	56.3	113	54-130	
Carbon disulfide	ug/L	50	49.0	98	70-131	
Carbon tetrachloride	ug/L	50	46.6	93	70-132	
Chlorobenzene	ug/L	50	53.1	106	70-130	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

LABORATORY CONTROL SAMPLE: 670651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroethane	ug/L	50	62.2	124	64-134	
Chloroform	ug/L	50	47.7	95	70-130	
Chloromethane	ug/L	50	76.4	153	64-130	F3,L0
cis-1,2-Dichloroethene	ug/L	50	45.5	91	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.2	108	70-130	
Dibromochloromethane	ug/L	50	49.5	99	70-130	
Dibromomethane	ug/L	50	50.9	102	70-131	
Ethylbenzene	ug/L	50	54.3	109	70-130	
Iodomethane	ug/L	100	124	124	49-180	
m&p-Xylene	ug/L	100	113	113	70-130	
Methylene Chloride	ug/L	50	53.5	107	63-130	
o-Xylene	ug/L	50	50.3	101	70-130	
Styrene	ug/L	50	52.1	104	70-130	
Tetrachloroethene	ug/L	50	51.4	103	70-130	
Toluene	ug/L	50	52.7	105	70-130	
trans-1,2-Dichloroethene	ug/L	50	46.7	93	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.7	111	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	53.7	107	70-141	
Trichloroethene	ug/L	50	55.6	111	70-130	
Trichlorofluoromethane	ug/L	50	45.4	91	62-133	
Vinyl acetate	ug/L	100	87.5	88	66-157	
Vinyl chloride	ug/L	50	60.8	122	69-130	
Xylene (Total)	ug/L	150	164	109	70-130	
1,2-Dichloroethane-d4 (S)	%			90	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 670652 670653

Parameter	Units	92103584030 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	54.4	56.4	109	113	70-166	4	
Benzene	ug/L	ND	50	50	56.7	56.6	113	113	70-148	0	
Chlorobenzene	ug/L	ND	50	50	55.0	56.1	110	112	70-146	2	
Toluene	ug/L	ND	50	50	51.7	52.1	103	104	70-155	1	
Trichloroethene	ug/L	ND	50	50	49.0	49.4	98	99	69-151	1	
1,2-Dichloroethane-d4 (S)	%						97	101	70-130		
4-Bromofluorobenzene (S)	%						93	92	70-130		
Dibromofluoromethane (S)	%						103	106	70-130		
Toluene-d8 (S)	%						90	90	70-130		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

QC Batch: MSV/16938 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92103584022, 92103584031, 92103584032, 92103584033, 92103584034, 92103584035, 92103584036, 92103584037, 92103584038

METHOD BLANK: 671093 Matrix: Water
Associated Lab Samples: 92103584022, 92103584031, 92103584032, 92103584033, 92103584034, 92103584035, 92103584036, 92103584037, 92103584038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/11/11 21:29	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/11/11 21:29	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/11/11 21:29	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/11/11 21:29	
1,1-Dichloroethane	ug/L	ND	1.0	10/11/11 21:29	
1,1-Dichloroethene	ug/L	ND	1.0	10/11/11 21:29	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/11/11 21:29	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	10/11/11 21:29	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/11/11 21:29	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/11/11 21:29	
1,2-Dichloroethane	ug/L	ND	1.0	10/11/11 21:29	
1,2-Dichloropropane	ug/L	ND	1.0	10/11/11 21:29	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/11/11 21:29	
2-Butanone (MEK)	ug/L	ND	5.0	10/11/11 21:29	
2-Hexanone	ug/L	ND	5.0	10/11/11 21:29	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/11/11 21:29	
Acetone	ug/L	ND	25.0	10/11/11 21:29	
Acrylonitrile	ug/L	ND	10.0	10/11/11 21:29	
Benzene	ug/L	ND	1.0	10/11/11 21:29	
Bromochloromethane	ug/L	ND	1.0	10/11/11 21:29	
Bromodichloromethane	ug/L	ND	1.0	10/11/11 21:29	
Bromoform	ug/L	ND	1.0	10/11/11 21:29	
Bromomethane	ug/L	ND	2.0	10/11/11 21:29	
Carbon disulfide	ug/L	ND	2.0	10/11/11 21:29	
Carbon tetrachloride	ug/L	ND	1.0	10/11/11 21:29	
Chlorobenzene	ug/L	ND	1.0	10/11/11 21:29	
Chloroethane	ug/L	ND	1.0	10/11/11 21:29	
Chloroform	ug/L	ND	1.0	10/11/11 21:29	
Chloromethane	ug/L	ND	1.0	10/11/11 21:29	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/11/11 21:29	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/11/11 21:29	
Dibromochloromethane	ug/L	ND	1.0	10/11/11 21:29	
Dibromomethane	ug/L	ND	1.0	10/11/11 21:29	
Ethylbenzene	ug/L	ND	1.0	10/11/11 21:29	
Iodomethane	ug/L	ND	5.0	10/11/11 21:29	
m&p-Xylene	ug/L	ND	2.0	10/11/11 21:29	
Methylene Chloride	ug/L	ND	2.0	10/11/11 21:29	
o-Xylene	ug/L	ND	1.0	10/11/11 21:29	
Styrene	ug/L	ND	1.0	10/11/11 21:29	
Tetrachloroethene	ug/L	ND	1.0	10/11/11 21:29	
Toluene	ug/L	ND	1.0	10/11/11 21:29	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

METHOD BLANK: 671093 Matrix: Water

Associated Lab Samples: 92103584022, 92103584031, 92103584032, 92103584033, 92103584034, 92103584035, 92103584036, 92103584037, 92103584038

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/11/11 21:29	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/11/11 21:29	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/11/11 21:29	
Trichloroethene	ug/L	ND	1.0	10/11/11 21:29	
Trichlorofluoromethane	ug/L	ND	1.0	10/11/11 21:29	
Vinyl acetate	ug/L	ND	2.0	10/11/11 21:29	
Vinyl chloride	ug/L	ND	1.0	10/11/11 21:29	
Xylene (Total)	ug/L	ND	2.0	10/11/11 21:29	
1,2-Dichloroethane-d4 (S)	%	101	70-130	10/11/11 21:29	
4-Bromofluorobenzene (S)	%	103	70-130	10/11/11 21:29	
Dibromofluoromethane (S)	%	99	70-130	10/11/11 21:29	
Toluene-d8 (S)	%	101	70-130	10/11/11 21:29	

LABORATORY CONTROL SAMPLE: 671094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.1	108	70-130	
1,1,1-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	55.8	112	70-130	
1,1,2-Trichloroethane	ug/L	50	53.5	107	70-130	
1,1-Dichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethene	ug/L	50	49.2	98	70-132	
1,2,3-Trichloropropane	ug/L	50	50.7	101	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.9	106	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	55.3	111	70-130	
1,2-Dichlorobenzene	ug/L	50	55.0	110	70-130	
1,2-Dichloroethane	ug/L	50	55.2	110	70-130	
1,2-Dichloropropane	ug/L	50	60.0	120	70-130	
1,4-Dichlorobenzene	ug/L	50	50.7	101	70-130	
2-Butanone (MEK)	ug/L	100	110	110	70-145	
2-Hexanone	ug/L	100	98.9	99	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	99.0	99	70-140	
Acetone	ug/L	100	103	103	50-175	
Acrylonitrile	ug/L	250	282	113	70-143	
Benzene	ug/L	50	60.7	121	70-130	
Bromochloromethane	ug/L	50	51.3	103	70-130	
Bromodichloromethane	ug/L	50	51.5	103	70-130	
Bromoform	ug/L	50	49.5	99	70-130	
Bromomethane	ug/L	50	39.0	78	54-130	
Carbon disulfide	ug/L	50	45.9	92	70-131	
Carbon tetrachloride	ug/L	50	51.0	102	70-132	
Chlorobenzene	ug/L	50	54.6	109	70-130	
Chloroethane	ug/L	50	49.0	98	64-134	
Chloroform	ug/L	50	48.4	97	70-130	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 Fall 2011
Pace Project No.: 92103584

LABORATORY CONTROL SAMPLE: 671094

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloromethane	ug/L	50	56.5	113	64-130	
cis-1,2-Dichloroethene	ug/L	50	48.7	97	70-131	
cis-1,3-Dichloropropene	ug/L	50	57.4	115	70-130	
Dibromochloromethane	ug/L	50	52.9	106	70-130	
Dibromomethane	ug/L	50	54.5	109	70-131	
Ethylbenzene	ug/L	50	54.3	109	70-130	
Iodomethane	ug/L	100	103	103	49-180	
m&p-Xylene	ug/L	100	107	107	70-130	
Methylene Chloride	ug/L	50	54.7	109	63-130	
o-Xylene	ug/L	50	54.1	108	70-130	
Styrene	ug/L	50	58.7	117	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	53.2	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	47.5	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.7	113	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	49.8	100	70-141	
Trichloroethene	ug/L	50	57.5	115	70-130	
Trichlorofluoromethane	ug/L	50	46.2	92	62-133	
Vinyl acetate	ug/L	100	94.5	94	66-157	
Vinyl chloride	ug/L	50	59.4	119	69-130	
Xylene (Total)	ug/L	150	161	108	70-130	
1,2-Dichloroethane-d4 (S)	%			94	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			93	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 671095 671096

Parameter	Units	92103953020 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	57.8	56.3	116	113	70-166	3	
Benzene	ug/L	ND	50	50	66.4	64.4	133	129	70-148	3	
Chlorobenzene	ug/L	ND	50	50	59.3	57.0	119	114	70-146	4	
Toluene	ug/L	ND	50	50	60.0	58.3	120	117	70-155	3	
Trichloroethene	ug/L	ND	50	50	55.6	55.2	111	110	69-151	1	
1,2-Dichloroethane-d4 (S)	%						100	98	70-130		
4-Bromofluorobenzene (S)	%						99	98	70-130		
Dibromofluoromethane (S)	%						94	92	70-130		
Toluene-d8 (S)	%						99	100	70-130		

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: Buncombe Co. LF- New Fall 2011
Pace Project No.: 92103584

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.

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.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1525709

Section A Required Client Information:

Company: Burc Co LF	
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: CAD 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): FLD TDO	Alk	SO_4 Cl^-	TDS	Hg Manganese	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					10-6-11	1100		3	2		1						X	X	X	X			92103895001
2	MW-1D					10-6	1115		3	2		1						X	X	X	X			92103895002
3	MW 12					10-6	1240		3	2		1						X	X	X	X			92103895003
4	MW-12D					10-6	1255		3	2		1						X	X	X	X			92103895004
5	MW-14					10-6	1155		3	2		1						X	X	X	X			92103895005
6	MW-14D					10-6	1215		3	2		1						X	X	X	X			92103895006
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-6-11	1300	[signature]	10-6-11	1300				
	[signature]	10-6-11	1550	[signature]	10/6/11	15:50	2.3	X	N	-1

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-6-11

*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: July 20, 2011 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.06	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc Co Project # 92103895

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☑ no

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other_____

Thermometer Used: IR Gun#2 -80344039 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add/Subtract 0.7 C

Corrected Cooler Temp.: 2.3 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Optional
Proj. Due Date:
Proj. Name:

Date and Initials of person examining contents: 10/11

		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: 10/12 **SRF Review:** TM Date: 10/12

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)

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

October 20, 2011

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

RE: Project: Buncombe Co New LF C&D 10/6
Pace Project No.: 92103895

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory on October 06, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards, where applicable, unless otherwise narrated 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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

CERTIFICATIONS

Project: Buncombe Co New LF C&D 10/6
Pace Project No.: 92103895

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

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Buncombe Co New LF C&D 10/6
Pace Project No.: 92103895

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92103895001	**MW-1**		TRW	9	PASI-C
		EPA 6010	JMW	2	PASI-A
		EPA 7470	SHB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92103895002	**MW-1D**		TRW	9	PASI-C
		EPA 6010	JMW	2	PASI-A
		EPA 7470	SHB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92103895003	**MW-12**		TRW	9	PASI-C
		EPA 6010	JMW	2	PASI-A
		EPA 7470	SHB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92103895004	**MW-12D**		TRW	9	PASI-C
		EPA 6010	JMW	2	PASI-A
		EPA 7470	SHB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92103895005	**MW-14**		TRW	9	PASI-C
		EPA 6010	JMW	2	PASI-A
		EPA 7470	SHB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A
92103895006	**MW-14D**		TRW	9	PASI-C
		EPA 6010	JMW	2	PASI-A

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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

SAMPLE ANALYTE COUNT

Project: Buncombe Co New LF C&D 10/6
Pace Project No.: 92103895

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	SHB	1	PASI-A
		SM 2320B	AES	1	PASI-A
		SM 2540C	GW1	1	PASI-A
		EPA 300.0	SAJ	1	PASI-A
		SM 4500-Cl-E	JDA	1	PASI-A

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

Sample: MW-1 **Lab ID: 92103895001** Collected: 10/06/11 11:00 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/20/11 16:33		
Collected Date	**10/6/11**			1		10/20/11 16:33		
Collected Time	**11:00**			1		10/20/11 16:33		
Field pH	**6.6**	Std. Units		1		10/20/11 16:33		
Field Temperature	**14.5**	deg C		1		10/20/11 16:33		
Static Water Level	**71.02**	feet		1		10/20/11 16:33		
Field Specific Conductance	**146**	umhos/cm		1		10/20/11 16:33		
Oxygen, Dissolved	**6.6**	mg/L		1		10/20/11 16:33	7782-44-7	
Turbidity	**21**	NTU		1		10/20/11 16:33		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**2300**	ug/L	50.0	1	10/17/11 12:35	10/18/11 20:15	7439-89-6	
Manganese	**34.0**	ug/L	5.0	1	10/17/11 12:35	10/18/11 20:15	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/17/11 14:05	10/18/11 14:44	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**39.6**	mg/L	5.0	1		10/19/11 11:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**129**	mg/L	25.0	1		10/07/11 18:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**16.0**	mg/L	5.0	1		10/17/11 19:41	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		10/18/11 09:07	16887-00-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

Sample: MW-1D **Lab ID: 92103895002** Collected: 10/06/11 11:15 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/20/11 16:34		
Collected Date	**10/6/11**			1		10/20/11 16:34		
Collected Time	**11:15**			1		10/20/11 16:34		
Field pH	**7.6**	Std. Units		1		10/20/11 16:34		
Field Temperature	**14.6**	deg C		1		10/20/11 16:34		
Static Water Level	**73.12**	feet		1		10/20/11 16:34		
Field Specific Conductance	**276**	umhos/cm		1		10/20/11 16:34		
Oxygen, Dissolved	**6.6**	mg/L		1		10/20/11 16:34	7782-44-7	
Turbidity	**59.4**	NTU		1		10/20/11 16:34		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**2480**	ug/L	50.0	1	10/17/11 12:30	10/18/11 17:24	7439-89-6	
Manganese	**32.4**	ug/L	5.0	1	10/17/11 12:30	10/18/11 17:24	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/17/11 14:05	10/18/11 14:46	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**81.2**	mg/L	5.0	1		10/19/11 11:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**405**	mg/L	25.0	1		10/07/11 18:36		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**39.5**	mg/L	10.0	2		10/18/11 12:14	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		10/18/11 09:07	16887-00-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

Sample: MW-12 **Lab ID: 92103895003** Collected: 10/06/11 12:40 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/20/11 16:45		
Collected Date	**10/6/11**			1		10/20/11 16:45		
Collected Time	**12:40**			1		10/20/11 16:45		
Field pH	**6.3**	Std. Units		1		10/20/11 16:45		
Field Temperature	**16.5**	deg C		1		10/20/11 16:45		
Static Water Level	**13.08**	feet		1		10/20/11 16:45		
Field Specific Conductance	**906**	umhos/cm		1		10/20/11 16:45		
Oxygen, Dissolved	**3.1**	mg/L		1		10/20/11 16:45	7782-44-7	
Turbidity	**1.26**	NTU		1		10/20/11 16:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	50.0	1	10/17/11 12:30	10/18/11 17:28	7439-89-6	
Manganese	**126**	ug/L	5.0	1	10/17/11 12:30	10/18/11 17:28	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	**0.28**	ug/L	0.20	1	10/17/11 14:05	10/18/11 14:49	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**168**	mg/L	5.0	1		10/19/11 11:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**567**	mg/L	25.0	1		10/07/11 18:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**201**	mg/L	50.0	10		10/18/11 12:28	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**35.4**	mg/L	5.0	1		10/18/11 09:09	16887-00-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

Sample: MW-12D **Lab ID: 92103895004** Collected: 10/06/11 12:55 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/20/11 16:47		
Collected Date	**10/6/11**			1		10/20/11 16:47		
Collected Time	**12:55**			1		10/20/11 16:47		
Field pH	**6.1**	Std. Units		1		10/20/11 16:47		
Field Temperature	**15.6**	deg C		1		10/20/11 16:47		
Static Water Level	**14.31**	feet		1		10/20/11 16:47		
Field Specific Conductance	**310**	umhos/cm		1		10/20/11 16:47		
Oxygen, Dissolved	**3.6**	mg/L		1		10/20/11 16:47	7782-44-7	
Turbidity	**7.91**	NTU		1		10/20/11 16:47		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**500**	ug/L	50.0	1	10/17/11 12:30	10/18/11 17:34	7439-89-6	
Manganese	**8.8**	ug/L	5.0	1	10/17/11 12:30	10/18/11 17:34	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/17/11 14:05	10/18/11 14:52	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**76.0**	mg/L	5.0	1		10/19/11 11:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**204**	mg/L	25.0	1		10/07/11 18:37		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**45.5**	mg/L	10.0	2		10/18/11 12:41	14808-79-8	M1
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**7.7**	mg/L	5.0	1		10/18/11 09:10	16887-00-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

Sample: MW-14 **Lab ID: 92103895005** Collected: 10/06/11 11:55 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/20/11 16:48		
Collected Date	**10/6/11**			1		10/20/11 16:48		
Collected Time	**11:55**			1		10/20/11 16:48		
Field pH	**6.6**	Std. Units		1		10/20/11 16:48		
Field Temperature	**13.8**	deg C		1		10/20/11 16:48		
Static Water Level	**32.60**	feet		1		10/20/11 16:48		
Field Specific Conductance	**207**	umhos/cm		1		10/20/11 16:48		
Oxygen, Dissolved	**5.6**	mg/L		1		10/20/11 16:48	7782-44-7	
Turbidity	**49.0**	NTU		1		10/20/11 16:48		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**2990**	ug/L	50.0	1	10/17/11 12:30	10/18/11 17:38	7439-89-6	
Manganese	**17.7**	ug/L	5.0	1	10/17/11 12:30	10/18/11 17:38	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/17/11 14:05	10/18/11 14:54	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**66.7**	mg/L	5.0	1		10/19/11 11:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**182**	mg/L	25.0	1		10/07/11 18:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**24.2**	mg/L	5.0	1		10/17/11 21:03	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		10/18/11 09:10	16887-00-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

Sample: MW-14D **Lab ID: 92103895006** Collected: 10/06/11 12:15 Received: 10/06/11 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/20/11 16:49		
Collected Date	**10/6/11**			1		10/20/11 16:49		
Collected Time	**12:15**			1		10/20/11 16:49		
Field pH	**6.8**	Std. Units		1		10/20/11 16:49		
Field Temperature	**13.6**	deg C		1		10/20/11 16:49		
Static Water Level	**32.90**	feet		1		10/20/11 16:49		
Field Specific Conductance	**273**	umhos/cm		1		10/20/11 16:49		
Oxygen, Dissolved	**9.0**	mg/L		1		10/20/11 16:49	7782-44-7	
Turbidity	**1.42**	NTU		1		10/20/11 16:49		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	50.0	1	10/17/11 12:30	10/18/11 17:42	7439-89-6	
Manganese	ND	ug/L	5.0	1	10/17/11 12:30	10/18/11 17:42	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/17/11 14:05	10/18/11 14:57	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**123**	mg/L	5.0	1		10/19/11 11:30		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**185**	mg/L	25.0	1		10/07/11 18:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**13.5**	mg/L	5.0	1		10/17/11 21:16	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	ND	mg/L	5.0	1		10/18/11 09:11	16887-00-6	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: MPRP/9224
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92103895001

METHOD BLANK: 673557
Matrix: Water
Associated Lab Samples: 92103895001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	10/18/11 18:52	
Manganese	ug/L	ND	5.0	10/18/11 18:52	

LABORATORY CONTROL SAMPLE: 673558

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4760	95	80-120	
Manganese	ug/L	500	502	100	80-120	

MATRIX SPIKE SAMPLE: 673559

Parameter	Units	92103797004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	819	5000	5510	94	75-125	
Manganese	ug/L	198	500	688	98	75-125	

SAMPLE DUPLICATE: 673560

Parameter	Units	92103797005 Result	Dup Result	RPD	Qualifiers
Iron	ug/L	4940	4900	1	
Manganese	ug/L	983	969	1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: MPRP/9226 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

METHOD BLANK: 673565 — Matrix: Water
Associated Lab Samples: 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	10/18/11 17:18	
Manganese	ug/L	ND	5.0	10/18/11 17:18	

LABORATORY CONTROL SAMPLE: 673566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4930	99	80-120	
Manganese	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 673567 673568

Parameter	Units	92103907002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	1930	5000	5000	6730	6630	96	94	75-125	1	
Manganese	ug/L	13.3	500	500	486	487	95	95	75-125	0	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: MERP/3800 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

METHOD BLANK: 673589 Matrix: Water
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/18/11 13:47	

LABORATORY CONTROL SAMPLE: 673590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.6	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 673591 673592

Parameter	Units	92103953014 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	2.6	2.6	102	103	75-125	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 673728 673729

Parameter	Units	92103911003 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	1.8	72	73	75-125	1	M1

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: WET/18291 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

METHOD BLANK: 674589 Matrix: Water
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	10/19/11 11:30	

LABORATORY CONTROL SAMPLE: 674590

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.5	101	90-110	

SAMPLE DUPLICATE: 674591

Parameter	Units	92103871002 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	66.7	70.8	6	

SAMPLE DUPLICATE: 674592

Parameter	Units	92103895003 Result	Dup Result	RPD	Qualifiers
Alkalinity, Total as CaCO3	mg/L	168	168	0	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: WET/18173 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

METHOD BLANK: 670375 Matrix: Water
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	10/07/11 18:33	

LABORATORY CONTROL SAMPLE: 670376

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	260	104	80-120	

SAMPLE DUPLICATE: 670377

Parameter	Units	92103889007 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	406	391	4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: WETA/10737 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

METHOD BLANK: 671945 — Matrix: Water
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	5.0	10/17/11 16:45	

LABORATORY CONTROL SAMPLE: 671946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.2	96	90-110	

MATRIX SPIKE SAMPLE: 671947

Parameter	Units	92104088009 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	ND	20	19.5	97	90-110	

MATRIX SPIKE SAMPLE: 671949

Parameter	Units	92103895004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	45.5	20	84.2	194	90-110	M1

SAMPLE DUPLICATE: 671948

Parameter	Units	92104088009 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	ND	ND		

SAMPLE DUPLICATE: 671950

Parameter	Units	92103895004 Result	Dup Result	RPD	Qualifiers
Sulfate	mg/L	45.5	47.2	4	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

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 New LF C&D 10/6
Pace Project No.: 92103895

QC Batch: WETA/10781 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

METHOD BLANK: 673955 Matrix: Water
Associated Lab Samples: 92103895001, 92103895002, 92103895003, 92103895004, 92103895005, 92103895006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	5.0	10/18/11 08:54	

LABORATORY CONTROL SAMPLE: 673956

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.4	102	90-110	

MATRIX SPIKE SAMPLE: 673957

Parameter	Units	92103883002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	11.4	20	31.6	101	75-125	

SAMPLE DUPLICATE: 673958

Parameter	Units	92103883003 Result	Dup Result	RPD	Qualifiers
Chloride	mg/L	12.1	12.2	1	

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..

QUALIFIERS

Project: Buncombe Co New LF C&D 10/6
Pace Project No.: 92103895

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.

LABORATORIES

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

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..