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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

SCS Engineers, PC - 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 Road Alexander, North Carolina 28701	11-07	.1600	October 4 & 8-11, 2013

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☒ Assessment Monitoring (limited) ☐ Corrective Action

Type of data submitted: (Check all that apply)

☒ Groundwater monitoring data from monitoring wells
☐ Groundwater monitoring data from private water supply wells
☒ Leachate monitoring data
☒ Surface water monitoring data
☐ Methane gas monitoring data
☐ Corrective action data (specify) _____
☐ Other(specify) _____

Notification attached?

☐ No. No groundwater or surface water standards were exceeded.
☒ Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
☐ Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

C. Ed Hilton, Jr., P.E. | Vice President | 813-621-0080

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

C. Edward Hilton, Jr. 12/12/2013

Signature | Date

Affix NC Licensed Professional Geologist Seal

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

4041 Park Oaks Blvd, Suite 100, Tampa, FL 33610

Facility Representative Address

C-1837

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

Revised 6/2009

ATTACHMENT TO NC DENR ENVIRONMENTAL MONITORING REPORT FORM

FALL 2013 STATISTICAL ANALYSIS

NEW BUNCOMBE COUNTY LANDFILL PERMIT # 11-07

Constituents detected during the fall 2013 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 wells MW-2 through MW-8, MW-10 through MW-14, and MW-15S. The background concentrations from the deep monitoring well (MW-1D) were compared to the deep compliance wells (MW-2D, MW-4D, MW-5D, MW-8D, and MW-10D through MW-15D). MW-15S and MW-15D were installed on June 7, 2012 at the newly constructed C&D Landfill. Tolerance Interval calculations and the two-sample test of proportions are provided in the attached tables.

Compliance well concentrations exceeded the North Carolina Department of Environment and Natural Resources (NCDENR's) groundwater quality standards and fell outside calculated Tolerance Intervals for: manganese (MW-15S) and total dissolved solids (TDS) (MW-12). The manganese concentration at MW-15S was elevated above its July and August 2012 concentrations from the initial sampling event. Manganese will be monitored for during the spring 2014 sampling event at MW-15S to confirm the exceedance. The TDS concentration at MW-12 was consistent with historic concentrations. The two-sample test of proportions indicated that the manganese exceedance was statistically significant but the TDS exceedance was not.

Compliance well concentrations exceeded the NCDENR's groundwater quality standard for: cobalt (MW-3, MW-8, MW-13, MW-13D, and MW-15S), iron (MW-12D, MW-14, MW-15S, and MW-15D), manganese (MW-12 and MW-15D), vanadium (MW-4D, MW-8, MW-10, MW-13, MW-13D, and MW-15S), and vinyl chloride (MW-3). An increasing concentration trend of cobalt is evident in MW-13D. The cobalt concentration at MW-8 was the first cobalt exceedance in MW-8 since the September 2007 monitoring event. The vanadium concentrations at MW-13 and MW-13D were the first vanadium exceedances at those wells since the September 2007 and March 2009 monitoring events, respectively. The remaining detections were consistent with historic concentrations at their respective wells. These exceedances were within the calculated

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.

Tolerance Intervals and the two-sample test of proportions indicated these were not statistically significant.

Landfill gas measurements were collected from monitoring well MW-3 on January 23, 2013. Methane was present in the monitoring well indicating that the vinyl chloride exceedances (October 2012, January 2013, April 2013, and October 2013) may be attributed to landfill gas. A program to gain control of the methane migration is underway through an approved approach of monitoring for methane in MW-3, MW-7, and three landfill gas probes. The County is currently in the first stage of that process. Additionally, limited assessment monitoring is being conducted at compliance wells MW-3 and MW-7 and background wells MW-1 and MW-1D. Appendix II testing is being conducted on these wells as a component of the study.

The concentration of 1,1-dichloroethane at compliance monitoring well MW-7 was shown to be statistically significant by the two-sample test of proportions. The concentration fell outside the tolerance limits; however, the 1,1-dichloroethane concentration at MW-7 did not exceed NCDENR's groundwater quality standards. Methane gas has been reported in this well as noted above.

Compliance well concentrations fell outside calculated Tolerance Intervals for: 2,4-D (MW-3 and MW-7), sulfate (MW-12, MW-12D, MW-14, MW-15S, and MW-15D), and TDS (MW-14 and MW-15S). However, NCDENR's groundwater quality standards were not exceeded for these parameters. Additionally, the two-sample test of proportions indicated these were not statistically significant.

No NCDENR's surface water quality standards were exceeded during the fall 2013 monitoring event.

Site ID's designated as LD or Leachate are liner detections or leachate, respectively, 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 phenomenon 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 County New Landfill

Personnel: MCS

Date: 10-20-13

Page 1 of 3

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	3 VOL 5 GAL
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	PUMPED DRY @ 10 GAL
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 6 GAL
MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 23.5 GAL
MW-3	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 5 GAL
MW-4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 5.5 GAL
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE	3 VOL 25 GALLONS
MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	DISP TFE	3 VOL 7.75 GAL
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE	3 VOL 24 GAL
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 11.5 GAL

*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: MCI

Date: 10-2013

Page 2 of 3

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-7	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE DISP BAILER	3 VOL 7.00 GAL
MW-8	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	DRY 11.5 GAL
MW-8D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	3 VOL 3 J OUTER CASING DOESN'T SEAL WELL
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 2 GALL
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	DRY 10
MW-11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 9.00 GAL
MW-11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	3 VOL 22 GAL
MW-12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 2 GAL
MW-12D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 12.5 GAL
MW-13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER DISP	3 VOL 8.5 GAL

*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:** MAJ

Date: 10-10-13 **Page** 3 of 3

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TEE DISC	3VOA - 20 GAL TOP OF CASING SLIGHTLY BENT
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	DISA TEE BAILER	3VOA 11 GALLONS
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISC TEE BAILER	DRY @ 18 GALLONS
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of

1747412

Section A Required Client Information:

Company: BCS BUNC New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed H. Hon
Copy To:
Purchase Order No.:
Project Name: SW's New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH	Cyanide	VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	SW-1					10-4-13	1200		4			1	3					Y	Y	Y		-001
2	SW-2					10-4	1220		4			1	3					Y	Y	Y		-002
3	SW-3					10-4	1440		4			1	3					Y	Y	Y		-003
4	SW-4					10-4	1305		4			1	3					Y	Y	Y		-004
5	SW-5					10-4	1245		4			1	3					Y	Y	Y		-005
6	Leachate					10-4	1345		4			1	3					Y	Y	Y		-006
7																						
8	TVL BLK																					-007
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10-4-13	1600	Mark P. Swan BCS	10-4-13	1600				
	Mark P. Swan BCS	10-4-13	1630	Joseph Shed	10/4/13	1630	5.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: Mark P. Swan BCS

DATE Signed (MM/DD/YY): 10-4-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of

1747411

Section A Required Client Information:

Company: SCS - Burke New 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: LDS 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): pH, Total Solids, VOC, Methane

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)	pH	Total Solids	VOC	Methane	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD -1					10-4-13	1500		4			1	3						X	X	X			92174785 -008
2	LD -2					10-4	1415		4			1	3						X	X	X			-009
3	LD -3					10-4	1550		4			1	3						X	X	X			-010
4	LD -4					10-4	1530		4			1	3						X	X	X			-011
5	LD -5					10-4	1330		4			1	3						X	X	X			-012
6	LD -6					10-4	1515		4			1	3						X	X	X			-013
7	Leachate LD					10-4	1400		4			1	3						X	X	X			-014
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-4-13	1600	[signature] Pasi	10-4-13	1600				
	[signature] Pasi	10-4-13	1630	Joseph Sheridan	10/4/13	1630	5.2	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 O. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-4-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #2- 80344039

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 5.2 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/4/13 J.G.

		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: Water		
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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

WO#: 92174785

92174785

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1747462

Section A Required Client Information:

Company: Burns New 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 MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appx I VOC	Appx I metals	Appx II list	Appx III VOC	Appx III metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-3					10-9-13	1205		12	6		1	3	2				X	X	~~X~~	X		X			92174785
2	MW-5					10-9	1300		4			1	3					X	X	X	X					-015
3	MW-5D					10-9	1315		4			1	3					X	X	X	X					-016
4	MW-6					10-9	1320		4			1	3					X	X	X	X					-017
5	MW-7					10-9	1345		12			1	3					X	X			X	X			-018
6	MW-10					10-9	1100		4			1	3					X	X	X	X					-019
7	MW 100					10-9	1110		4			1	3					X	X	X	X					-020
8	MW-11					10-9	1400		4			1	3					X	X	X	X					-021
9	MW-110					10-9	1410		4			1	3					X	X	X	X					-023
10	MW-13					10-9	1135		4			1	3					X	X	X	X					-024
11	MW-13D					10-9	1145		4			1	3					X	X	X	X					-025
12									~~4~~			~~1~~	~~3~~													-026

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-9-13	1700	[signature]	10-9-13	1700				
	[signature]	10-10-13	~~1230~~ 0845	[signature]	10/10	0845	3.2	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:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1747464

Section A
Required Client Information:

Company: Bunc Co New LF	
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Ed H. Hton
Copy To:	
Purchase Order No.:	
Project Name:	New LF MW's
Project Number:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location
STATE: NC

Section D
Required Client Information

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

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appx I List	Appx II List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	MW-1					10-10-13	1145		12	6		1	3	2				X	X		X		~~-027~~
2	MW-1D					10-10	1200		12	0		1	3	2				X	X		X		~~-028~~
3	MW-4					10-10	1300		4			1	3					X	X	X			-029
4	MW-4D					10-10	1315		4			1	3					X	X	X			-030
5	MW-12					10-10	1405		4			1	3					X	X	X			-031
6	MW-12D					10-10	1420		4			1	3					X	X	X			-032
7	MW-15S					10-10	1335		4			1	3					X	X	X			-033
8	MW-15D					10-10	1345		4			1	3					X	X	X			-034
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-10-13	1545	[signature]	10-10-13	1545				
	[signature]	10-10-13	1610	[signature]	10/11	09:20	4.0	Y	N	Y

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-10-13

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1698031

Section A Required Client Information:

Company: Bunc Co Newf
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: MW's New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

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	Composite Start TIME	Composite End/GRAB DATE	Composite End/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Fld	Static Hg	Appendix I List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	MW-2					10-11-13	1015		4			1	3					X	X	X		035
2	MW-2D					10-11	1030		4			1	3					X	X	X		036
3	MW-8					10-11	1315		4			1	3					X	X	X		037
4	MW-8D					10-11	1300		4			1	3					X	X	X		038
5	MW-14					10-11	1110		4			1	3					X	X	X		039
6	MW-14D					10-11	1130		4			1	3					X	X	X		040
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10-11-13	1330	[signature]	10-11-13	1330				
	[signature]	10-11-13	1455	[signature]	10/11	1455	3.4	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-11-13

ORIGINAL

*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: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: (IR Gun#3 -130265963) IR Gun #2- 80344039 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 5.2 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/4/13 JCS.

		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: Water		
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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

OR

Handwrite project number (if no label available)

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1747463

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burc New LF	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: / Fax:	Project Name: CA MW's New LF	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CA

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): Field + DO	Static H_2O	TDS	Sorbitol Cl-	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. P2175548
1	MW-1					10-10-13	1145		2	2								X	X	X	X	X		-001
2	MW-10					10-10	1200		2	2								X	X	X	X	X		-002
3	MW-12					10-10	1405		2	2								X	X	X	X	X		-003
4	MW 14D					10-10	1420		2	2								X	X	X	X	X		-004
5	MW-15S					10-10	1335		2	2								X	X	X	X	X		-005
6	MW-15D					10-10	1340		2	2								X	X	X	X	X		-006
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-10-13	1545	[signature] Pace	10-10-13	1545				
Get Metals from	[signature] Pace	10-10-13	1610	[signature]	10/11	09:20	4.0	Y	N	Y
App I or App II Metals										
Metals Bottle taken per MW										

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: [signature] DATE Signed (MM/DD/YY): 10-10-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS - Buncombe

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #2- 80344039

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 4.0 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

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

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	
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:**	
SRF Review:		**Date:**	

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)

Place label here

WO# : 92175548

92175548

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1747465

Section A Required Client Information:

Company: Burc Co New 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: CTD MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CTD

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)

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 + Mn	Static H_2O	TDS	Alk Cl-SO4	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92175548
1	MW-14					10-11-13	1110		2	2								X	X	X	X	Y		-001
2	MW-14D					10-11	1130		2	2								X	X	Y	X	X		-005
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Get Metals From		10-11-13	1130	[signature] Pace	10-11-13	1130				
Appen I Bottles	[signature] Pace	10-11-13	1455	[signature]	10/11	1455	3.8	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWAN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-11-13

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10-2013

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location Buncombe Co New LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
10-10	1145		MW-1	66.58	6.5	15.0	150	1.83		CLEAR, NO ODOR
10-10	1200		MW-1D	69.11	7.1	15.8	221	1.73		CLEAR, NO ODOR Dead ANTS IN well
10-11	1015		MW-2	8.46	6.0	16.1	178	1.12		CLEAR, NO ODOR
10-11	1030		MW-2D	7.98	6.7	15.0	252	0.58		CLEAR NO ODOR
10-9	1205		MW-3	29.23	6.1	17.4	342	5.33		CLEAR to CLOUDY, NO ODOR
10-10	1300		MW-4	13.89	6.4	17.2	217	0.47		CLEAR, NO ODOR
10-10	1315		MW-40	14.51	6.5	16.3	265	4.95		CLEAR, NO ODOR
10-9	1300		MW-5	34.94	6.4	16.7	205	2.55		CLEAR, NO ODOR
			~~MW-~~							
10-9	1315		MW-5D	36.95	6.5	17.3	204	2.84		CLEAR, NO ODOR
10-9	1320		MW-6	25.71	6.2	17.0	144	1.18		CLEAR NO ODOR

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10-2013

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location Bunc New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)		Comments
10-9-13	1345	MB	MW-7	43.27	6.3	17.1	716	2.12		CLEAR, SLIGHT ODOR
10-11	1315		MW-8	32.17	6.5	15.7	296	11.8		CLEAR, NO ODOR
10-11	1300		MW-8D	31.04	6.4	17.0	365	0.36		CLEAR, NO ODOR
10-9	1100		MW-10	69.58	6.3	16.6	317	2.63		CLEAR, NO ODOR
10-9	1110		MW-10D	70.28	6.7	16.5	282	1.83		CLEAR NO ODOR
10-9	1400		MW-11	32.13	6.7	15.6	394	0.90		CLEAR NO ODOR
10-9	1410		MW-11D	32.80	6.6	15.2	403	0.47		CLEAR, NO ODOR
10-10	1405		MW-12	13.03	6.3	18.0	761	1.05		CLEAR, NO ODOR
10-10	1420		MW-12D 12D	12.42	6.5	17.0	374	4.95		CLEAR, NO ODOR

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10-2013

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Bunc Co New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~ TURB	Comments
10-9	1135	MPJ	MW-13	3.97	6.7	17.7	479	~~2.63~~	2.64	CLEAR, SLIGHT ODOR
10-9	1145		MW-13D	5.67	6.4	17.6	481	~~1.80~~	2.87	CLEAR, SLIGHT ODOR
10-11	1110		MW-14	30.61	6.3	15.1	202	~~0.90~~	6.70	CLEAR, NO ODOR
10-11	1130		MW-14D	30.82	7.0	14.4	272	~~0.43~~	0.98	CLEAR NO ODOR
10-11	1335		MW-15S	22.09	6.0	17.2	253	~~1.07~~	1.58	CLEAR NO ODOR
10-11	1345		MW-15D	26.89	6.3	15.8	521		4.72	CLEAR NO ODOR
		G								

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10.2013

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location Bunc New LF SW's & [illegible]

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
10.4	1200	MCI	SW-1		7.1	18.5	193	4.39		Clear, Low Flow
	1210		SW-2		7.7	16.2	157	3.92		Clear Low Flow
	1440		SW-3		9.1	28.7	167	1.81		Clear Low Flow
	1305		SW-4		7.9	23.7	301	7.33		Clear Low Flow
	1245		SW-5		8.2	21.7	~~[illegible]~~ 1543	5.33		Strong Flow Slight Stain
	1345		Leachate		8.5	29.7	3246	9.97		Cloudy Green Tint Slight odor

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
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LD 3

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Sunset LD New LF

Date	Time	Sampled	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-4-15	1500	MM	LD - 1		5.4	18.0	206	0.79		CLEAR, NO ODOR
	1145		LD - 2		5.7	20.6	315	1.70		CLEAR, NO ODOR
	1550		LD - 3		6.1	19.9	420	4.79		CLEAR, SLIGHT ODOR
	1530		LD - 4		5.6	20.0	202	5.06		DARK TINT PARTICLES ORGANIC ODOR
	1330		LD - 5		6.2	22.6	871	19.6		DINGY, NO ODOR
	1515		LD - 6		6.4	20.6	747	5.08		CLEAR NO ODOR
	1400		Leachate LD		4.9	21.8	690	1.32		CLEAR NO ODOR

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Burke co New LF COD Wells ALSO HAVE DO

Date	Time	Samples	Sample ID	~~Water Level (Ft)~~	~~pH (units)~~	~~Temp (°C)~~	~~Specific Conductivity (uhmos)~~	~~Turbidity (NTU)~~	~~ORP~~ DO	Comments
10-10	1145	MCI	MW-1						6.92	
10-10	1200		MW-1A						6.94	
10-9	1405		MW-12						1.74	
10-9	1420		MW-12A						3.07	
10-11	1110		MW-14						7.10	
10-11	1130		MW-14A						9.29	
10-11	1335		MW-15						2.22	
10-11	1345		MW-15A						2.54	

Detections By Date Range

Buncombe County New Facility

From: 10/9/2013 ***To:*** 10/11/2013

Site ID	*Analyte*	*Date*	*Result*	
MW-1				
		10/10/2013	3.6	mg/L
		10/10/2013	0	
	Alkalinity, Total as CaCO3			
		10/10/2013	40.6	mg/L
		10/10/2013	1.83	mg/L
	Barium			
		10/10/2013	106	ug/L
	Iron			
		10/10/2013	172	ug/L
	Manganese			
		10/10/2013	5.8	ug/L
	pH			
		10/10/2013	6.5	Std.
	Specific Conductance			
		10/10/2013	149.7	umh
	Static Water Level			
		10/10/2013	66.68	feet
	Sulfate			
		10/10/2013	15.9	mg/L
	Temperature			
		10/10/2013	15	deg
	Total Dissolved Solids			
		10/10/2013	127	mg/L
	Turbidity			
		10/10/2013	1.83	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-10				
		10/9/2013	0	
	Barium			
		10/9/2013	127	ug/L
	pH			
		10/9/2013	6.3	Std.
	Specific Conductance			
		10/9/2013	317.3	umh
	Static Water Level			
		10/9/2013	69.58	feet
	Temperature			
		10/9/2013	16.6	deg
	Turbidity			
		10/9/2013	2.63	NTU
	Vanadium			
		10/9/2013	7.9	ug/L
	Zinc			
		10/9/2013	27.9	ug/L
MW-10D				
		10/9/2013	0	
	Barium			
		10/9/2013	23.2	ug/L
	Nickel			
		10/9/2013	11.3	ug/L
	pH			
		10/9/2013	6.7	Std.
	Specific Conductance			
		10/9/2013	281.5	umh
	Static Water Level			
		10/9/2013	70.28	feet
	Temperature			
		10/9/2013	16.5	deg
	Turbidity			
		10/9/2013	1.83	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-11				
	Barium			
		10/9/2013	75.4	ug/L
	Nickel			
		10/9/2013	15.4	ug/L
	pH			
		10/9/2013	6.7	Std.
	Specific Conductance			
		10/9/2013	394.1	umh
	Static Water Level			
		10/9/2013	32.13	feet
	Temperature			
		10/9/2013	15.6	deg
	Turbidity			
		10/9/2013	0.9	NTU
	Zinc			
		10/9/2013	10.5	ug/L
MW-11D				
	Barium			
		10/9/2013	20.1	ug/L
	pH			
		10/9/2013	6.6	Std.
	Specific Conductance			
		10/9/2013	403.1	umh
	Static Water Level			
		10/9/2013	32.8	feet
	Temperature			
		10/9/2013	15.2	deg
	Turbidity			
		10/9/2013	0.47	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-12				
		10/10/2013	24.6	mg/L
	Alkalinity, Total as CaCO3			
		10/10/2013	144	mg/L
	Barium			
		10/10/2013	98.6	ug/L
	Iron			
		10/10/2013	81.1	ug/L
	Manganese			
		10/10/2013	134	ug/L
	Nickel			
		10/10/2013	11.9	ug/L
	pH			
		10/10/2013	6.3	Std.
	Specific Conductance			
		10/10/2013	761	umh
	Static Water Level			
		10/10/2013	13.03	feet
	Sulfate			
		10/10/2013	177	mg/L
	Temperature			
		10/10/2013	18	deg
	Total Dissolved Solids			
		10/10/2013	517	mg/L
	Turbidity			
		10/10/2013	1.02	NTU
		10/10/2013	1.05	NTU
	Zinc			
		10/10/2013	16.3	ug/L

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

Site ID	Analyte	Date	Result	
MW-12D				
		10/10/2013	11.5	mg/L
	Alkalinity, Total as CaCO3			
		10/10/2013	4.95	mg/L
		10/10/2013	105	mg/L
	Barium			
		10/10/2013	53.2	ug/L
	Iron			
		10/10/2013	483	ug/L
	Manganese			
		10/10/2013	6.4	ug/L
	pH			
		10/10/2013	6.5	Std.
	Specific Conductance			
		10/10/2013	373.9	umh
	Static Water Level			
		10/10/2013	12.42	feet
	Sulfate			
		10/10/2013	59.9	mg/L
	Temperature			
		10/10/2013	17	deg
	Total Dissolved Solids			
		10/10/2013	248	mg/L
	Turbidity			
		10/10/2013	4.95	NTU
MW-13				
		10/9/2013	0	
	Barium			
		10/9/2013	203	ug/L
	Cobalt			
		10/9/2013	18.9	ug/L
	pH			
		10/9/2013	6.7	Std.
	Specific Conductance			
		10/9/2013	478.7	umh
	Static Water Level			
		10/9/2013	3.97	feet
	Temperature			
		10/9/2013	17.7	deg
	Turbidity			
		10/9/2013	2.64	NTU
	Vanadium			
		10/9/2013	8.1	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-13D				
		10/9/2013	0	
	Barium			
		10/9/2013	339	ug/L
	Cobalt			
		10/9/2013	28.2	ug/L
	Nickel			
		10/9/2013	22.4	ug/L
	pH			
		10/9/2013	6.4	Std.
	Specific Conductance			
		10/9/2013	480.7	umh
	Static Water Level			
		10/9/2013	5.67	feet
	Temperature			
		10/9/2013	17.6	deg
	Turbidity			
		10/9/2013	2.87	NTU
	Vanadium			
		10/9/2013	5.4	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-14				
		10/11/2013	3.1	mg/L
		10/11/2013	0	
	Alkalinity, Total as CaCO3			
		10/11/2013	56.5	mg/L
	Barium			
		10/11/2013	51.7	ug/L
	Iron			
		10/11/2013	1050	ug/L
	Manganese			
		10/11/2013	5.4	ug/L
	pH			
		10/11/2013	6.3	Std.
	Specific Conductance			
		10/11/2013	201.7	umh
		10/11/2013	201.8	umh
	Static Water Level			
		10/11/2013	30.61	feet
	Sulfate			
		10/11/2013	32.2	mg/L
	Temperature			
		10/11/2013	15.1	deg
	Total Dissolved Solids			
		10/11/2013	167	mg/L
	Turbidity			
		10/11/2013	6.7	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-14D				
		10/11/2013	2.1	mg/L
		10/11/2013	0	
	Alkalinity, Total as CaCO3			
		10/11/2013	124	mg/L
	pH			
		10/11/2013	7	Std.
	Specific Conductance			
		10/11/2013	272	umh
	Static Water Level			
		10/11/2013	30.88	feet
	Sulfate			
		10/11/2013	15.7	mg/L
	Temperature			
		10/11/2013	14.4	deg
	Total Dissolved Solids			
		10/11/2013	194	mg/L
	Turbidity			
		10/11/2013	1.58	NTU
		10/11/2013	0.92	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-15D				
		10/10/2013	18.1	mg/L
	Alkalinity, Total as CaCO3			
		10/10/2013	161	mg/L
	Barium			
		10/10/2013	117	ug/L
	Iron			
		10/10/2013	1260	ug/L
	Manganese			
		10/10/2013	400	ug/L
	Nickel			
		10/10/2013	8.9	ug/L
	pH			
		10/10/2013	6.3	Std.
	Specific Conductance			
		10/10/2013	521	umh
	Static Water Level			
		10/10/2013	26.89	feet
	Sulfate			
		10/10/2013	77.3	mg/L
	Temperature			
		10/10/2013	15.8	deg
	Total Dissolved Solids			
		10/10/2013	365	mg/L
	Turbidity			
		10/10/2013	4.72	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-15S				
		10/10/2013	10.7	mg/L
	Alkalinity, Total as CaCO3			
		10/10/2013	78.1	mg/L
	Barium			
		10/10/2013	192	ug/L
	Cobalt			
		10/10/2013	36.5	ug/L
	Iron			
		10/10/2013	450	ug/L
	Manganese			
		10/10/2013	2890	ug/L
	Nickel			
		10/10/2013	6.3	ug/L
	pH			
		10/10/2013	6	Std.
	Specific Conductance			
		10/10/2013	253.2	umh
	Static Water Level			
		10/10/2013	22.09	feet
	Sulfate			
		10/10/2013	22.7	mg/L
	Temperature			
		10/10/2013	17.2	deg
	Total Dissolved Solids			
		10/10/2013	150	mg/L
	Turbidity			
		10/10/2013	1.58	NTU
	Vanadium			
		10/10/2013	8.3	ug/L

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

Site ID	Analyte	Date	Result	
MW-1D				
		10/10/2013	2.6	mg/L
	Alkalinity, Total as CaCO3			
		10/10/2013	61	mg/L
	Barium			
		10/10/2013	31.8	ug/L
	Iron			
		10/10/2013	114	ug/L
	pH			
		10/10/2013	7.1	Std.
	Specific Conductance			
		10/10/2013	221.4	umh
	Static Water Level			
		10/10/2013	69.11	feet
	Sulfate			
		10/10/2013	21.3	mg/L
	Temperature			
		10/10/2013	15.8	deg
	Total Dissolved Solids			
		10/10/2013	153	mg/L
	Turbidity			
		10/10/2013	1.73	NTU
MW-2				
		10/11/2013	0	
	Barium			
		10/11/2013	87.1	ug/L
	pH			
		10/11/2013	6	Std.
	Specific Conductance			
		10/11/2013	177.9	umh
	Static Water Level			
		10/11/2013	8.46	feet
	Temperature			
		10/11/2013	16.1	deg
	Turbidity			
		10/11/2013	1.12	NTU
	Zinc			
		10/11/2013	10.6	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-2D				
		10/11/2013	0	
	Barium			
		10/11/2013	87	ug/L
	pH			
		10/11/2013	6.7	Std.
	Specific Conductance			
		10/11/2013	252.4	umh
	Static Water Level			
		10/11/2013	7.98	feet
	Temperature			
		10/11/2013	15	deg
	Turbidity			
		10/11/2013	0.58	NTU
MW-3				
	Barium			
		10/9/2013	185	ug/L
	cis-1,2-Dichloroethene			
		10/9/2013	1.2	ug/L
	Cobalt			
		10/9/2013	12.6	ug/L
	Nickel			
		10/9/2013	28.8	ug/L
	pH			
		10/9/2013	6.1	Std.
	Specific Conductance			
		10/9/2013	341.7	umh
	Static Water Level			
		10/9/2013	29.23	feet
	Temperature			
		10/9/2013	17.4	deg
	Turbidity			
		10/9/2013	5.33	NTU
	Vinyl chloride			
		10/9/2013	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-4				
	Barium			
		10/10/2013	72.5	ug/L
	pH			
		10/10/2013	6.4	Std.
	Specific Conductance			
		10/10/2013	217.4	umh
	Static Water Level			
		10/10/2013	13.89	feet
	Temperature			
		10/10/2013	17.2	deg
	Turbidity			
		10/10/2013	0.47	NTU
MW-4D				
	Barium			
		10/10/2013	29.9	ug/L
	pH			
		10/10/2013	6.5	Std.
	Specific Conductance			
		10/10/2013	265	umh
	Static Water Level			
		10/10/2013	14.51	feet
	Temperature			
		10/10/2013	16.3	deg
	Turbidity			
		10/10/2013	4.95	NTU
	Vanadium			
		10/10/2013	5.3	ug/L
MW-5				
	Barium			
		10/9/2013	101	ug/L
	pH			
		10/9/2013	6.4	Std.
	Specific Conductance			
		10/9/2013	204.7	umh
	Static Water Level			
		10/9/2013	34.94	feet
	Temperature			
		10/9/2013	16.7	deg
	Turbidity			
		10/9/2013	2.55	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-5D				
	Barium			
		10/9/2013	63	ug/L
	pH			
		10/9/2013	6.5	Std.
	Specific Conductance			
		10/9/2013	203.9	umh
	Static Water Level			
		10/9/2013	36.95	feet
	Temperature			
		10/9/2013	17.3	deg
	Turbidity			
		10/9/2013	2.84	NTU
MW-6				
	Barium			
		10/9/2013	50.7	ug/L
	pH			
		10/9/2013	6.2	Std.
	Specific Conductance			
		10/9/2013	143.2	umh
	Static Water Level			
		10/9/2013	25.71	feet
	Temperature			
		10/9/2013	17	deg
	Turbidity			
		10/9/2013	1.18	NTU
MW-7				
		10/9/2013	43.27	mV
	1,1-Dichloroethane			
		10/9/2013	3	ug/L
	2,4-D			
		10/9/2013	20.8	ug/L
	Barium			
		10/9/2013	132	ug/L
	Nickel			
		10/9/2013	14.7	ug/L
	pH			
		10/9/2013	6.3	Std.
	Specific Conductance			
		10/9/2013	716	umh
	Temperature			
		10/9/2013	17.1	deg
	Turbidity			
		10/9/2013	2.12	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-8				
	Barium			
		10/11/2013	116	ug/L
	Cobalt			
		10/11/2013	5.3	ug/L
	pH			
		10/11/2013	6.5	Std.
	Specific Conductance			
		10/11/2013	296	umh
	Static Water Level			
		10/11/2013	32.17	feet
	Temperature			
		10/11/2013	15.7	deg
	Turbidity			
		10/11/2013	11.8	NTU
	Vanadium			
		10/11/2013	6.4	ug/L
	Zinc			
		10/11/2013	14.2	ug/L
MW-8D				
	Barium			
		10/11/2013	140	ug/L
	pH			
		10/11/2013	6.4	Std.
	Specific Conductance			
		10/11/2013	365.4	umh
	Static Water Level			
		10/11/2013	31.04	feet
	Temperature			
		10/11/2013	17	deg
	Turbidity			
		10/11/2013	0.36	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.

Exceedances by Date Range

Buncombe County New Facility

From: 10/9/2013 ***To:*** 10/11/2013

Site ID	Analyte			Date	Result	
MW-10						
	Vanadium					
	MCL:	0.3	ug/L			
				10/9/2013	7.9	ug/L
MW-12						
	Manganese					
	MCL:	50	ug/L			
				10/10/2013	134	ug/L
MW-12D						
	Iron					
	MCL:	300	ug/L			
				10/10/2013	483	ug/L
MW-13						
	Cobalt					
	MCL:	1	ug/L			
				10/9/2013	18.9	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/9/2013	8.1	ug/L
MW-13D						
	Cobalt					
	MCL:	1	ug/L			
				10/9/2013	28.2	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/9/2013	5.4	ug/L
MW-14						
	Iron					
	MCL:	300	ug/L			
				10/11/2013	1050	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-15D						
	Iron					
	MCL:	300	ug/L			
				10/10/2013	1260	ug/L
	Manganese					
	MCL:	50	ug/L			
				10/10/2013	400	ug/L
MW-15S						
	Cobalt					
	MCL:	1	ug/L			
				10/10/2013	36.5	ug/L
	Iron					
	MCL:	300	ug/L			
				10/10/2013	450	ug/L
	Manganese					
	MCL:	50	ug/L			
				10/10/2013	2890	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/10/2013	8.3	ug/L
MW-3						
	Cobalt					
	MCL:	1	ug/L			
				10/9/2013	12.6	ug/L
	Vinyl chloride					
	MCL:	0.03	ug/L			
				10/9/2013	2	ug/L
MW-4D						
	Vanadium					
	MCL:	0.3	ug/L			
				10/10/2013	5.3	ug/L
MW-8						
	Cobalt					
	MCL:	1	ug/L			
				10/11/2013	5.3	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/11/2013	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.

Detections By Date Range

Buncombe County New Facility

From: 10/4/2013 **To:** 10/4/2013

Site ID	Analyte	Date	Result	
SW-1				
	Barium			
		10/4/2013	121	ug/L
	pH			
		10/4/2013	7.1	Std.
	Specific Conductance			
		10/4/2013	192.9	umh
	Temperature			
		10/4/2013	18.5	deg
	Turbidity			
		10/4/2013	4.39	NTU
SW-2				
	Barium			
		10/4/2013	51.9	ug/L
	pH			
		10/4/2013	7.7	Std.
	Specific Conductance			
		10/4/2013	156.7	umh
	Temperature			
		10/4/2013	16.2	deg
	Turbidity			
		10/4/2013	3.92	NTU
SW-3				
	Barium			
		10/4/2013	22.7	ug/L
	pH			
		10/4/2013	9.1	Std.
	Specific Conductance			
		10/4/2013	167	umh
	Temperature			
		10/4/2013	28.7	deg
	Turbidity			
		10/4/2013	1.81	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-4				
	Barium			
		10/4/2013	88.9	ug/L
	pH			
		10/4/2013	8.2	Std.
	Specific Conductance			
		10/4/2013	301.1	umh
	Temperature			
		10/4/2013	21.7	deg
	Turbidity			
		10/4/2013	7.33	NTU
SW-5				
	Barium			
		10/4/2013	33.7	ug/L
	Nickel			
		10/4/2013	12.3	ug/L
	pH			
		10/4/2013	8.2	Std.
	Specific Conductance			
		10/4/2013	1543	umh
	Temperature			
		10/4/2013	21.7	deg
	Turbidity			
		10/4/2013	5.32	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 = 73.1826%
Background measurements (n) = 30
Maximum Background Concentration = 2.5
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-3	4/16/1992	54	TRUE
MW-3	5/4/1992	82	TRUE
MW-3	9/21/1992	73	TRUE
MW-3	4/9/1993	84	TRUE
MW-3	7/18/1994	83	TRUE
MW-3	12/12/1994	73	TRUE
MW-3	10/15/1996	95	TRUE
MW-3	5/14/1997	120 QL	TRUE
MW-3	11/20/1997	110	TRUE
MW-3	4/14/1998	ND<0.5 U	FALSE
MW-3	4/29/1998	110	TRUE
MW-3	11/9/1998	ND<0.5 U	FALSE
MW-3	11/17/1998	92	TRUE
MW-3	4/27/1999	ND<0.5 U	FALSE
MW-3	5/7/1999	100	TRUE
MW-3	11/1/1999	ND<0.5 U	FALSE
MW-3	11/6/1999	99	TRUE
MW-3	4/3/2000	ND<0.5 U	FALSE
MW-3	4/12/2000	100	TRUE
MW-3	11/3/2000	89	TRUE
MW-3	11/6/2000	ND<2.5 U	FALSE
MW-3	5/3/2001	95	TRUE
MW-3	10/22/2001	ND<1 U	FALSE
MW-3	10/25/2001	67.3	TRUE
MW-3	4/29/2002	ND<0.5 U	FALSE
MW-3	5/2/2002	50	TRUE
MW-3	10/31/2002	81	TRUE
MW-3	3/24/2003	ND<2.5 U	FALSE
MW-3	4/3/2003	51	TRUE
MW-3	9/29/2003	ND<0.5 U	FALSE
MW-3	10/3/2003	44	TRUE
MW-3	3/30/2004	ND<0.5 U	FALSE
MW-3	4/2/2004	71	TRUE
MW-3	9/27/2004	ND<0.5 U	FALSE
MW-3	9/30/2004	73	TRUE
MW-3	3/30/2005	51	TRUE
MW-3	4/11/2005	ND<0.5 U	FALSE
MW-3	9/26/2005	ND<0.5 U	FALSE
MW-3	9/29/2005	55	TRUE
MW-3	3/23/2006	ND<0.5 U	FALSE
MW-3	9/26/2006	ND<0.5 U	FALSE
MW-3	9/29/2006	44	TRUE
MW-3	3/27/2007	ND<0.5 U	FALSE
MW-3	3/30/2007	43	TRUE

MW-3	**9/26/2007**	**42.6**	**TRUE**
MW-3	9/28/2007	ND<0.5 U	FALSE
MW-3	3/26/2008	ND<0.16 U	FALSE
MW-3	**3/31/2008**	**39.3**	**TRUE**
MW-3	**9/23/2008**	**37.1**	**TRUE**
MW-3	9/30/2008	ND<0.5 U	FALSE
MW-3	3/26/2009	ND<0.5 U	FALSE
MW-3	**3/31/2009**	**37.5**	**TRUE**
MW-3	10/1/2009	ND<0.5 U	FALSE
MW-3	**10/7/2009**	**34.8**	**TRUE**
MW-3	**3/29/2010**	**21.4**	**TRUE**
MW-3	4/2/2010	ND<0.5 U	FALSE
MW-3	**9/28/2010**	**34.2**	**TRUE**
MW-3	10/6/2010	ND<0.5 U	FALSE
MW-3	3/25/2011	ND<0.5 U	FALSE
MW-3	**4/4/2011**	**24.4**	**TRUE**
MW-3	10/5/2011	ND<0.5 U	FALSE
MW-3	**10/10/2011**	**25.5**	**TRUE**
MW-3	4/4/2012	ND<0.5 U	FALSE
MW-3	**4/10/2012**	**22.7**	**TRUE**
MW-3	10/3/2012	ND<0.5 U	FALSE
MW-3	**10/10/2012**	**19.1**	**TRUE**
MW-3	**4/1/2013**	**15.4**	**TRUE**
MW-3	4/10/2013	ND<0.16 U	FALSE
MW-3	10/9/2013	ND<0.5 U	FALSE
MW-3	**10/14/2013**	**13.3**	**TRUE**

MW-2	5/4/1992	ND<1 U	FALSE
MW-2	9/22/1992	ND<2.5 U	FALSE
MW-2	4/13/1993	ND<2.5 U	FALSE
MW-2	7/19/1994	ND<2.5 U	FALSE
MW-2	10/25/1994	ND<2.5 U	FALSE
MW-2	12/16/1994	ND<2.5 U	FALSE
MW-2	3/16/1995	ND<2.5 U	FALSE
MW-2	6/23/1995	ND<2.5 U	FALSE
MW-2	10/4/1995	ND<2.5 U	FALSE
MW-2	10/10/1996	ND<2.5 U	FALSE
MW-2	5/14/1997	ND<2.5 U	FALSE
MW-2	11/17/1997	ND<0.5 U	FALSE
MW-2	4/15/1998	ND<0.5 U	FALSE
MW-2	4/28/1998	ND<0.5 U	FALSE
MW-2	11/11/1998	ND<0.5 U	FALSE
MW-2	11/16/1998	ND<0.5 U	FALSE
MW-2	4/27/1999	ND<0.5 U	FALSE
MW-2	5/6/1999	ND<0.5 U	FALSE
MW-2	11/2/1999	ND<0.5 U	FALSE
MW-2	11/6/1999	ND<0.5 U	FALSE
MW-2	4/4/2000	ND<0.5 U	FALSE
MW-2	4/12/2000	ND<0.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	5/2/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	ND<1 U	FALSE
MW-2	10/24/2001	ND<1 U	FALSE
MW-2	4/29/2002	ND<0.5 U	FALSE
MW-2	5/2/2002	ND<0.5 U	FALSE

MW-2	10/30/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	ND<2.5 U	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	ND<0.5 U	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	ND<0.5 U	FALSE
MW-2	4/2/2004	ND<0.5 U	FALSE
MW-2	9/27/2004	ND<0.5 U	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	ND<0.5 U	FALSE
MW-2	4/11/2005	ND<0.5 U	FALSE
MW-2	9/26/2005	ND<0.5 U	FALSE
MW-2	9/30/2005	ND<0.5 U	FALSE
MW-2	3/23/2006	ND<0.5 U	FALSE
MW-2	9/28/2006	ND<0.5 U	FALSE
MW-2	9/29/2006	ND<0.5 U	FALSE
MW-2	3/27/2007	ND<0.5 U	FALSE
MW-2	3/30/2007	ND<0.5 U	FALSE
MW-2	9/27/2007	ND<0.5 U	FALSE
MW-2	9/28/2007	ND<0.5 U	FALSE
MW-2	3/26/2008	ND<0.16 U	FALSE
MW-2	9/23/2008	ND<0.5 U	FALSE
MW-2	9/29/2008	ND<0.5 U	FALSE
MW-2	3/26/2009	ND<0.5 U	FALSE
MW-2	3/31/2009	ND<0.5 U	FALSE
MW-2	10/1/2009	ND<0.5 U	FALSE
MW-2	10/7/2009	ND<0.5 U	FALSE
MW-2	3/29/2010	ND<0.5 U	FALSE
MW-2	4/6/2010	ND<0.5 U	FALSE
MW-2	9/27/2010	ND<0.5 U	FALSE
MW-2	10/8/2010	ND<0.5 U	FALSE
MW-2	3/25/2011	ND<0.5 U	FALSE
MW-2	4/5/2011	ND<0.5 U	FALSE
MW-2	10/5/2011	ND<0.5 U	FALSE
MW-2	10/10/2011	ND<0.5 U	FALSE
MW-2	4/4/2012	ND<0.5 U	FALSE
MW-2	4/10/2012	ND<0.5 U	FALSE
MW-2	10/5/2012	ND<0.5 U	FALSE
MW-2	10/11/2012	ND<0.5 U	FALSE
MW-2	4/1/2013	ND<0.16 U	FALSE
MW-2	4/10/2013	ND<0.16 U	FALSE
MW-2	10/11/2013	ND<0.5 U	FALSE
MW-2	10/15/2013	ND<0.5 U	FALSE

MW-4	5/4/1992	ND<1 U	FALSE
MW-4	9/21/1992	ND<2.5 U	FALSE
MW-4	7/18/1994	ND<2.5 U	FALSE
MW-4	12/14/1994	ND<2.5 U	FALSE
MW-4	**10/15/1996**	**11**	**TRUE**
MW-4	**5/13/1997**	**12 I**	**TRUE**
MW-4	**11/20/1997**	**19**	**TRUE**
MW-4	4/15/1998	ND<0.5 U	FALSE
MW-4	4/29/1998	2 I	FALSE
MW-4	11/9/1998	ND<0.5 U	FALSE
MW-4	**11/16/1998**	**30**	**TRUE**
MW-4	4/26/1999	ND<0.5 U	FALSE

MW-4	**5/6/1999**	**32**	**TRUE**
MW-4	11/1/1999	ND<0.5 U	FALSE
MW-4	**11/6/1999**	**46**	**TRUE**
MW-4	4/4/2000	ND<0.5 U	FALSE
MW-4	**4/12/2000**	**56**	**TRUE**
MW-4	**11/3/2000**	**64**	**TRUE**
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	**5/3/2001**	**61**	**TRUE**
MW-4	10/22/2001	ND<1 U	FALSE
MW-4	**10/25/2001**	**54.9**	**TRUE**
MW-4	4/29/2002	ND<0.5 U	FALSE
MW-4	**5/2/2002**	**51**	**TRUE**
MW-4	**10/31/2002**	**74**	**TRUE**
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	**4/3/2003**	**78**	**TRUE**
MW-4	9/30/2003	ND<0.5 U	FALSE
MW-4	**10/3/2003**	**98**	**TRUE**
MW-4	3/29/2004	ND<0.5 U	FALSE
MW-4	**4/2/2004**	**56**	**TRUE**
MW-4	9/27/2004	ND<0.5 U	FALSE
MW-4	**9/30/2004**	**100**	**TRUE**
MW-4	**3/30/2005**	**73**	**TRUE**
MW-4	4/11/2005	ND<0.5 U	FALSE
MW-4	9/26/2005	ND<0.5 U	FALSE
MW-4	**9/29/2005**	**61**	**TRUE**
MW-4	3/24/2006	ND<0.5 U	FALSE
MW-4	9/27/2006	ND<0.5 U	FALSE
MW-4	**9/29/2006**	**46**	**TRUE**
MW-4	3/27/2007	ND<0.5 U	FALSE
MW-4	**3/29/2007**	**50**	**TRUE**
MW-4	**9/26/2007**	**48.2**	**TRUE**
MW-4	9/28/2007	ND<0.5 U	FALSE
MW-4	3/26/2008	ND<0.16 U	FALSE
MW-4	**3/31/2008**	**41.3**	**TRUE**
MW-4	**9/23/2008**	**39.8**	**TRUE**
MW-4	9/29/2008	ND<0.5 U	FALSE
MW-4	3/26/2009	ND<0.5 U	FALSE
MW-4	**3/31/2009**	**47.5**	**TRUE**
MW-4	10/2/2009	ND<0.5 U	FALSE
MW-4	**10/7/2009**	**44.3**	**TRUE**
MW-4	**3/30/2010**	**30.1**	**TRUE**
MW-4	4/6/2010	ND<0.5 U	FALSE
MW-4	**9/28/2010**	**42.8**	**TRUE**
MW-4	10/7/2010	ND<0.5 U	FALSE
MW-4	3/29/2011	ND<0.5 U	FALSE
MW-4	**4/4/2011**	**32.5**	**TRUE**
MW-4	10/5/2011	ND<0.5 U	FALSE
MW-4	**10/10/2011**	**36.2**	**TRUE**
MW-4	4/5/2012	ND<0.5 U	FALSE
MW-4	**4/10/2012**	**32.8**	**TRUE**
MW-4	10/4/2012	ND<0.5 U	FALSE
MW-4	**10/10/2012**	**27.7**	**TRUE**
MW-4	**4/1/2013**	**24.7**	**TRUE**
MW-4	4/10/2013	ND<0.16 U	FALSE
MW-4	10/10/2013	ND<0.5 U	FALSE
MW-4	**10/14/2013**	**21.2**	**TRUE**

MW-5	5/4/1992	ND<1 U	FALSE
MW-5	9/21/1992	ND<2.5 U	FALSE
MW-5	**7/15/1994**	**24**	**TRUE**
MW-5	**10/21/1994**	**26**	**TRUE**
MW-5	**12/14/1994**	**25**	**TRUE**
MW-5	**3/16/1995**	**26**	**TRUE**
MW-5	**6/22/1995**	**31**	**TRUE**
MW-5	**10/4/1995**	**24**	**TRUE**
MW-5	**10/16/1996**	**18**	**TRUE**
MW-5	**5/13/1997**	**16 I**	**TRUE**
MW-5	**11/20/1997**	**18**	**TRUE**
MW-5	4/13/1998	ND<0.5 U	FALSE
MW-5	**4/29/1998**	**15**	**TRUE**
MW-5	11/11/1998	ND<0.5 U	FALSE
MW-5	**11/16/1998**	**17**	**TRUE**
MW-5	4/26/1999	ND<0.5 U	FALSE
MW-5	**5/6/1999**	**14**	**TRUE**
MW-5	11/2/1999	ND<0.5 U	FALSE
MW-5	**11/6/1999**	**16**	**TRUE**
MW-5	4/3/2000	ND<0.5 U	FALSE
MW-5	**4/12/2000**	**13**	**TRUE**
MW-5	**11/1/2000**	**8.53**	**TRUE**
MW-5	11/6/2000	ND<2.5 U	FALSE
MW-5	**5/3/2001**	**8.6**	**TRUE**
MW-5	10/22/2001	ND<1 U	FALSE
MW-5	**10/24/2001**	**6.91**	**TRUE**
MW-5	4/29/2002	ND<0.5 U	FALSE
MW-5	**5/1/2002**	**6.3**	**TRUE**
MW-5	12/3/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<0.5 U	FALSE
MW-5	10/3/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	ND<0.5 U	FALSE
MW-5	**4/2/2004**	**3.4**	**TRUE**
MW-5	9/27/2004	ND<0.5 U	FALSE
MW-5	9/30/2004	ND<2.5 U	FALSE
MW-5	**3/30/2005**	**3.1**	**TRUE**
MW-5	4/12/2005	ND<0.5 U	FALSE
MW-5	9/26/2005	ND<0.5 U	FALSE
MW-5	**9/29/2005**	**3.4**	**TRUE**
MW-5	3/24/2006	ND<0.5 U	FALSE
MW-5	9/26/2006	ND<0.5 U	FALSE
MW-5	9/29/2006	2.5	FALSE
MW-5	3/27/2007	ND<0.5 U	FALSE
MW-5	3/29/2007	2.5	FALSE
MW-5	9/26/2007	2.2	FALSE
MW-5	9/27/2007	ND<0.5 U	FALSE
MW-5	3/26/2008	ND<0.16 U	FALSE
MW-5	3/31/2008	1.8	FALSE
MW-5	9/23/2008	1.6	FALSE
MW-5	9/30/2008	ND<0.5 U	FALSE
MW-5	3/26/2009	ND<0.5 U	FALSE
MW-5	3/30/2009	1.9	FALSE
MW-5	10/2/2009	ND<0.5 U	FALSE
MW-5	10/7/2009	1.3	FALSE

MW-5	3/30/2010	1.1	FALSE
MW-5	4/2/2010	ND<0.5 U	FALSE
MW-5	9/28/2010	1.4	FALSE
MW-5	10/6/2010	ND<0.5 U	FALSE
MW-5	3/25/2011	ND<0.5 U	FALSE
MW-5	4/4/2011	1.3	FALSE
MW-5	10/5/2011	ND<0.5 U	FALSE
MW-5	10/10/2011	1.3	FALSE
MW-5	4/5/2012	ND<0.5 U	FALSE
MW-5	4/10/2012	1.3	FALSE
MW-5	10/3/2012	ND<0.5 U	FALSE
MW-5	10/10/2012	1.2	FALSE
MW-5	4/1/2013	1	FALSE
MW-5	4/11/2013	ND<0.16 U	FALSE
MW-5	10/9/2013	ND<0.5 U	FALSE
MW-5	10/14/2013	ND<0.5 U	FALSE

MW-6	5/4/1992	ND<1 U	FALSE
MW-6	9/21/1992	ND<2.5 U	FALSE
MW-6	**7/15/1994**	**12**	**TRUE**
MW-6	**10/21/1994**	**24**	**TRUE**
MW-6	**12/14/1994**	**21**	**TRUE**
MW-6	**3/16/1995**	**30**	**TRUE**
MW-6	6/22/1995	ND<2.5 U	FALSE
MW-6	**10/4/1995**	**33**	**TRUE**
MW-6	**10/15/1996**	**39**	**TRUE**
MW-6	**11/20/1997**	**41**	**TRUE**
MW-6	4/13/1998	ND<0.5 U	FALSE
MW-6	**4/28/1998**	**30**	**TRUE**
MW-6	11/11/1998	ND<0.5 U	FALSE
MW-6	**11/16/1998**	**35**	**TRUE**
MW-6	4/26/1999	ND<0.5 U	FALSE
MW-6	**5/5/1999**	**26**	**TRUE**
MW-6	11/2/1999	ND<0.5 U	FALSE
MW-6	**11/5/1999**	**35**	**TRUE**
MW-6	4/3/2000	ND<0.5 U	FALSE
MW-6	**4/12/2000**	**30**	**TRUE**
MW-6	**11/2/2000**	**19**	**TRUE**
MW-6	11/6/2000	ND<2.5 U	FALSE
MW-6	**5/3/2001**	**14**	**TRUE**
MW-6	10/22/2001	ND<1 U	FALSE
MW-6	**10/24/2001**	**23.2**	**TRUE**
MW-6	4/29/2002	ND<0.5 U	FALSE
MW-6	**5/2/2002**	**23**	**TRUE**
MW-6	12/3/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	**4/25/2003**	**28**	**TRUE**
MW-6	9/29/2003	ND<0.5 U	FALSE
MW-6	**10/2/2003**	**29**	**TRUE**
MW-6	3/30/2004	ND<0.5 U	FALSE
MW-6	**4/2/2004**	**32**	**TRUE**
MW-6	9/27/2004	ND<0.5 U	FALSE
MW-6	**9/29/2004**	**26**	**TRUE**
MW-6	**3/30/2005**	**28**	**TRUE**
MW-6	4/12/2005	ND<0.5 U	FALSE
MW-6	9/26/2005	ND<0.5 U	FALSE

MW-6	**9/30/2005**	**21**	**TRUE**
MW-6	3/24/2006	ND<0.5 U	FALSE
MW-6	9/26/2006	ND<0.5 U	FALSE
MW-6	**9/29/2006**	**14**	**TRUE**
MW-6	3/27/2007	ND<0.5 U	FALSE
MW-6	**3/29/2007**	**11**	**TRUE**
MW-6	**9/27/2007**	**10.9**	**TRUE**
MW-6	3/26/2008	ND<0.16 U	FALSE
MW-6	**4/1/2008**	**11.9**	**TRUE**
MW-6	**9/23/2008**	**14.1**	**TRUE**
MW-6	9/30/2008	ND<0.5 U	FALSE
MW-6	3/26/2009	ND<0.5 U	FALSE
MW-6	**3/31/2009**	**17.8**	**TRUE**
MW-6	10/2/2009	ND<0.5 U	FALSE
MW-6	**10/7/2009**	**11.3**	**TRUE**
MW-6	**3/30/2010**	**12.8**	**TRUE**
MW-6	4/2/2010	ND<0.5 U	FALSE
MW-6	10/6/2010	ND<0.5 U	FALSE
MW-6	**10/22/2010**	**9.5**	**TRUE**
MW-6	3/25/2011	ND<0.5 U	FALSE
MW-6	**4/7/2011**	**8.9**	**TRUE**
MW-6	10/5/2011	ND<0.5 U	FALSE
MW-6	**10/11/2011**	**8.7**	**TRUE**
MW-6	4/4/2012	ND<0.5 U	FALSE
MW-6	**4/10/2012**	**9.6**	**TRUE**
MW-6	10/3/2012	ND<0.5 U	FALSE
MW-6	**10/11/2012**	**9.4**	**TRUE**
MW-6	**4/1/2013**	**6.8**	**TRUE**
MW-6	4/9/2013	ND<0.16 U	FALSE
MW-6	10/9/2013	ND<0.5 U	FALSE
MW-6	**10/15/2013**	**7.1**	**TRUE**

MW-7	4/8/1993	ND<2.5 U	FALSE
MW-7	7/14/1994	ND<2.5 U	FALSE
MW-7	**12/14/1994**	**7.4**	**TRUE**
MW-7	3/16/1995	ND<2.5 U	FALSE
MW-7	**10/11/1996**	**16**	**TRUE**
MW-7	5/12/1997	ND<2.5 U	FALSE
MW-7	**11/17/1997**	**13**	**TRUE**
MW-7	4/13/1998	ND<0.5 U	FALSE
MW-7	**4/28/1998**	**5**	**TRUE**
MW-7	**11/11/1998**	**20**	**TRUE**
MW-7	4/26/1999	ND<0.5 U	FALSE
MW-7	**5/5/1999**	**13**	**TRUE**
MW-7	11/2/1999	ND<0.5 U	FALSE
MW-7	**11/6/1999**	**28**	**TRUE**
MW-7	4/3/2000	ND<0.5 U	FALSE
MW-7	**4/13/2000**	**19**	**TRUE**
MW-7	11/6/2000	ND<2.5 U	FALSE
MW-7	10/22/2001	ND<1 U	FALSE
MW-7	4/29/2002	ND<0.5 U	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	ND<0.5 U	FALSE
MW-7	3/30/2004	ND<0.5 U	FALSE
MW-7	9/27/2004	ND<0.5 U	FALSE
MW-7	4/12/2005	ND<0.5 U	FALSE

MW-7	9/26/2005	ND<0.5 U	FALSE
MW-7	**9/30/2005**	**6.8**	**TRUE**
MW-7	3/24/2006	ND<0.5 U	FALSE
MW-7	9/26/2006	ND<0.5 U	FALSE
MW-7	**9/29/2006**	**8**	**TRUE**
MW-7	3/27/2007	ND<0.5 U	FALSE
MW-7	**3/29/2007**	**14**	**TRUE**
MW-7	**9/26/2007**	**20.6**	**TRUE**
MW-7	9/27/2007	ND<0.5 U	FALSE
MW-7	3/26/2008	ND<0.16 U	FALSE
MW-7	9/26/2008	ND<0.5 U	FALSE
MW-7	3/26/2009	ND<0.5 U	FALSE
MW-7	10/1/2009	ND<0.5 U	FALSE
MW-7	4/2/2010	ND<0.5 U	FALSE
MW-7	10/6/2010	1.8	FALSE
MW-7	3/25/2011	2.2	FALSE
MW-7	10/5/2011	2.1	FALSE
MW-7	4/4/2012	2.1	FALSE
MW-7	10/3/2012	2.3	FALSE
MW-7	**4/1/2013**	**11**	**TRUE**
MW-7	**4/9/2013**	**2.8**	**TRUE**
MW-7	**10/9/2013**	**3**	**TRUE**

MW-8	4/8/1993	ND<2.5 U	FALSE
MW-8	7/14/1994	ND<2.5 U	FALSE
MW-8	12/15/1994	ND<2.5 U	FALSE
MW-8	10/15/1996	ND<2.5 U	FALSE
MW-8	5/12/1997	ND<2.5 U	FALSE
MW-8	11/19/1997	ND<0.5 U	FALSE
MW-8	4/17/1998	ND<0.5 U	FALSE
MW-8	4/28/1998	ND<0.5 U	FALSE
MW-8	11/10/1998	ND<0.5 U	FALSE
MW-8	11/11/1998	ND<0.5 U	FALSE
MW-8	4/26/1999	ND<0.5 U	FALSE
MW-8	5/5/1999	ND<0.5 U	FALSE
MW-8	11/1/1999	ND<0.5 U	FALSE
MW-8	11/6/1999	ND<0.5 U	FALSE
MW-8	4/3/2000	ND<0.5 U	FALSE
MW-8	4/13/2000	ND<0.5 U	FALSE
MW-8	11/1/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	5/2/2001	ND<2.5 U	FALSE
MW-8	10/22/2001	ND<1 U	FALSE
MW-8	10/24/2001	ND<1 U	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	ND<0.5 U	FALSE
MW-8	5/2/2002	ND<0.5 U	FALSE
MW-8	10/31/2002	ND<2.5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<0.5 U	FALSE
MW-8	10/2/2003	ND<0.5 U	FALSE
MW-8	3/30/2004	ND<0.5 U	FALSE
MW-8	4/1/2004	ND<0.5 U	FALSE
MW-8	9/27/2004	ND<0.5 U	FALSE
MW-8	9/29/2004	ND<0.5 U	FALSE

MW-8	3/29/2005	ND<0.5 U	FALSE
MW-8	4/12/2005	ND<0.5 U	FALSE
MW-8	9/27/2005	ND<0.5 U	FALSE
MW-8	3/23/2006	ND<0.5 U	FALSE
MW-8	9/26/2006	ND<0.5 U	FALSE
MW-8	3/27/2007	ND<0.5 U	FALSE
MW-8	9/28/2007	ND<0.5 U	FALSE
MW-8	3/27/2008	ND<0.16 U	FALSE
MW-8	9/29/2008	ND<0.5 U	FALSE
MW-8	3/25/2009	ND<0.5 U	FALSE
MW-8	10/5/2009	ND<0.5 U	FALSE
MW-8	4/6/2010	ND<0.5 U	FALSE
MW-8	10/8/2010	ND<0.5 U	FALSE
MW-8	3/29/2011	ND<0.5 U	FALSE
MW-8	10/6/2011	ND<0.5 U	FALSE
MW-8	4/6/2012	ND<0.5 U	FALSE
MW-8	10/5/2012	ND<0.5 U	FALSE
MW-8	4/9/2013	ND<0.16 U	FALSE
MW-8	10/11/2013	ND<0.5 U	FALSE

MW-10	7/14/1994	ND<2.5 U	FALSE
MW-10	12/14/1994	ND<2.5 U	FALSE
MW-10	10/15/1996	ND<2.5 U	FALSE
MW-10	11/19/1997	ND<0.5 U	FALSE
MW-10	4/29/1998	ND<0.5 U	FALSE
MW-10	11/11/1998	ND<0.5 U	FALSE
MW-10	5/5/1999	ND<0.5 U	FALSE
MW-10	11/6/1999	ND<0.5 U	FALSE
MW-10	4/13/2000	ND<0.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	ND<2.5 U	FALSE
MW-10	10/24/2001	ND<1 U	FALSE
MW-10	4/30/2002	ND<0.5 U	FALSE
MW-10	5/2/2002	ND<0.5 U	FALSE
MW-10	3/25/2003	ND<2.5 U	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	ND<0.5 U	FALSE
MW-10	10/2/2003	ND<0.5 U	FALSE
MW-10	3/30/2004	ND<0.5 U	FALSE
MW-10	4/1/2004	ND<0.5 U	FALSE
MW-10	9/27/2004	ND<0.5 U	FALSE
MW-10	9/29/2004	ND<0.5 U	FALSE
MW-10	3/29/2005	ND<0.5 U	FALSE
MW-10	4/12/2005	ND<0.5 U	FALSE
MW-10	9/27/2005	ND<0.5 U	FALSE
MW-10	3/23/2006	ND<0.5 U	FALSE
MW-10	9/26/2006	ND<0.5 U	FALSE
MW-10	3/27/2007	ND<0.5 U	FALSE
MW-10	9/27/2007	ND<0.5 U	FALSE
MW-10	3/26/2008	ND<0.16 U	FALSE
MW-10	9/26/2008	ND<0.5 U	FALSE
MW-10	3/26/2009	ND<0.5 U	FALSE
MW-10	10/1/2009	ND<0.5 U	FALSE
MW-10	4/2/2010	ND<0.5 U	FALSE
MW-10	10/7/2010	ND<0.5 U	FALSE
MW-10	3/29/2011	ND<0.5 U	FALSE

MW-10	10/5/2011	ND<0.5 U	FALSE
MW-10	4/4/2012	ND<0.5 U	FALSE
MW-10	10/3/2012	ND<0.5 U	FALSE
MW-10	4/11/2013	ND<0.16 U	FALSE
MW-10	10/9/2013	ND<0.5 U	FALSE

MW-14	7/18/1994	ND<2.5 U	FALSE
MW-14	12/14/1994	ND<2.5 U	FALSE
MW-14	10/11/1996	ND<2.5 U	FALSE
MW-14	5/12/1997	ND<2.5 U	FALSE
MW-14	11/18/1997	ND<0.5 U	FALSE
MW-14	4/28/1998	ND<0.5 U	FALSE
MW-14	11/12/1998	ND<0.5 U	FALSE
MW-14	5/5/1999	ND<0.5 U	FALSE
MW-14	11/3/1999	ND<0.5 U	FALSE
MW-14	4/6/2000	ND<0.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<1 U	FALSE
MW-14	4/30/2002	ND<0.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<0.5 U	FALSE
MW-14	3/31/2004	ND<0.5 U	FALSE
MW-14	9/29/2004	ND<0.5 U	FALSE
MW-14	3/25/2005	ND<0.5 U	FALSE
MW-14	9/27/2006	ND<0.5 U	FALSE
MW-14	3/27/2007	ND<0.5 U	FALSE
MW-14	9/28/2007	ND<0.5 U	FALSE
MW-14	3/27/2008	ND<0.16 U	FALSE
MW-14	9/30/2008	ND<0.5 U	FALSE
MW-14	3/26/2009	ND<0.5 U	FALSE
MW-14	10/2/2009	ND<0.5 U	FALSE
MW-14	4/6/2010	ND<0.5 U	FALSE
MW-14	10/7/2010	ND<0.5 U	FALSE
MW-14	3/29/2011	ND<0.5 U	FALSE
MW-14	10/6/2011	ND<0.5 U	FALSE
MW-14	4/5/2012	ND<0.5 U	FALSE
MW-14	10/5/2012	ND<0.5 U	FALSE
MW-14	4/11/2013	ND<0.16 U	FALSE
MW-14	10/11/2013	ND<0.5 U	FALSE

MW-11	4/29/2002	ND<0.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<0.5 U	FALSE
MW-11	3/30/2004	ND<0.5 U	FALSE
MW-11	9/27/2004	ND<0.5 U	FALSE
MW-11	4/12/2005	ND<0.5 U	FALSE
MW-11	9/26/2005	ND<0.5 U	FALSE
MW-11	3/23/2006	ND<0.5 U	FALSE
MW-11	9/26/2006	ND<0.5 U	FALSE
MW-11	3/27/2007	ND<0.5 U	FALSE
MW-11	9/27/2007	ND<0.5 U	FALSE
MW-11	3/27/2008	ND<0.16 U	FALSE
MW-11	9/30/2008	ND<0.5 U	FALSE

MW-11	3/26/2009	ND<0.5 U	FALSE
MW-11	10/5/2009	ND<0.5 U	FALSE
MW-11	4/6/2010	ND<0.5 U	FALSE
MW-11	10/8/2010	ND<0.5 U	FALSE
MW-11	3/29/2011	ND<0.5 U	FALSE
MW-11	10/5/2011	ND<0.5 U	FALSE
MW-11	4/6/2012	ND<0.5 U	FALSE
MW-11	10/5/2012	ND<0.5 U	FALSE
MW-11	4/9/2013	ND<0.16 U	FALSE
MW-11	10/9/2013	ND<0.5 U	FALSE
MW-12	3/25/2003	ND<2.5 U	FALSE
MW-12	9/30/2003	ND<0.5 U	FALSE
MW-12	3/30/2004	ND<0.5 U	FALSE
MW-12	9/27/2004	ND<0.5 U	FALSE
MW-12	4/11/2005	ND<0.5 U	FALSE
MW-12	9/27/2005	ND<0.5 U	FALSE
MW-12	3/27/2006	ND<0.5 U	FALSE
MW-12	9/27/2006	ND<0.5 U	FALSE
MW-12	3/27/2007	ND<0.5 U	FALSE
MW-12	9/28/2007	ND<0.5 U	FALSE
MW-12	3/27/2008	ND<0.16 U	FALSE
MW-12	9/30/2008	ND<0.5 U	FALSE
MW-12	3/26/2009	ND<0.5 U	FALSE
MW-12	10/2/2009	ND<0.5 U	FALSE
MW-12	4/6/2010	ND<0.5 U	FALSE
MW-12	10/7/2010	ND<0.5 U	FALSE
MW-12	3/29/2011	ND<0.5 U	FALSE
MW-12	10/6/2011	ND<0.5 U	FALSE
MW-12	4/5/2012	ND<0.5 U	FALSE
MW-12	10/5/2012	ND<0.5 U	FALSE
MW-12	4/11/2013	ND<0.16 U	FALSE
MW-12	10/10/2013	ND<0.5 U	FALSE
MW-13	9/27/2005	ND<0.5 U	FALSE
MW-13	3/27/2006	ND<0.5 U	FALSE
MW-13	9/28/2006	ND<0.5 U	FALSE
MW-13	3/27/2007	ND<0.5 U	FALSE
MW-13	9/28/2007	ND<0.5 U	FALSE
MW-13	3/27/2008	ND<0.16 U	FALSE
MW-13	9/29/2008	ND<0.5 U	FALSE
MW-13	3/26/2009	ND<0.5 U	FALSE
MW-13	10/2/2009	ND<0.5 U	FALSE
MW-13	4/2/2010	ND<0.5 U	FALSE
MW-13	10/7/2010	ND<0.5 U	FALSE
MW-13	3/25/2011	ND<0.5 U	FALSE
MW-13	10/6/2011	ND<0.5 U	FALSE
MW-13	4/5/2012	ND<0.5 U	FALSE
MW-13	10/4/2012	ND<0.5 U	FALSE
MW-13	4/9/2013	ND<0.16 U	FALSE
MW-13	10/9/2013	ND<0.5 U	FALSE
MW-15S	10/10/2013	ND<0.5 U	FALSE

Two-Sample Test of Proportions

Parameter: 1,1-Dichloroethane

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 30
Compliance measurements = 589
Comparison Level = 6

0 background measurements exceed 6
140 compliance measurements exceed 6

p background = 0 = 0 / 30
p compliance = 0.237691 = 140 / 589
p total = 0.226171 = 140 / 619

nPs = 140
mPb = 0 < 5.0
n(1-Ps) = 449
m(1-Pb = 30

Zp = 3.0356 = 0.237691 / 0.0783012
Z critical = 1.64485 at 95% confidence level

3.0356 > 1.64485
Significance is Indicated at 95% Confidence Level
When Compared to Compliance Limit = 6

Non-Parametric Tolerance Interval

Parameter: 2,4-D

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

Total Percent Non-Detects = 94.1176%
Background measurements (n) = 2
Maximum Background Concentration = 0.47
Minimum Coverage = 22.4%
Average Coverage = 66.6667%

Location	Date	Value	Significant
MW-5	6/22/1995	ND<0.145 U	FALSE
MW-5	**11/16/1998**	**ND<0.5 U**	**TRUE**
MW-5	**11/6/1999**	**ND<0.5 U**	**TRUE**
MW-5	**11/1/2000**	**4.64**	**TRUE**
MW-5	**10/24/2001**	**ND<1 U**	**TRUE**
MW-5	**12/3/2002**	**ND<1 U**	**TRUE**
MW-5	**10/3/2003**	**ND<1 U**	**TRUE**
MW-5	**9/30/2004**	**ND<1 U**	**TRUE**
MW-5	**9/29/2005**	**ND<1 U**	**TRUE**
MW-5	10/10/2011	ND<0.47 U	FALSE
MW-5	**10/10/2012**	**ND<0.475 U**	**TRUE**
MW-5	4/11/2013	ND<0.115 U	FALSE
MW-5	**10/14/2013**	**ND<0.475 U**	**TRUE**
MW-6	6/22/1995	ND<0.145 U	FALSE
MW-6	**11/16/1998**	**ND<0.5 U**	**TRUE**
MW-6	**11/5/1999**	**ND<0.5 U**	**TRUE**
MW-6	**11/2/2000**	**ND<1 U**	**TRUE**
MW-6	**10/24/2001**	**ND<1 U**	**TRUE**
MW-6	**12/3/2002**	**ND<1 U**	**TRUE**
MW-6	**10/2/2003**	**ND<1 U**	**TRUE**
MW-6	**9/29/2004**	**ND<1 U**	**TRUE**
MW-6	**9/30/2005**	**ND<1 U**	**TRUE**
MW-6	10/11/2011	ND<0.47 U	FALSE
MW-6	**10/11/2012**	**ND<0.475 U**	**TRUE**
MW-6	4/9/2013	ND<0.115 U	FALSE
MW-6	10/15/2013	ND<0.47 U	FALSE
MW-2	6/23/1995	ND<0.145 U	FALSE
MW-2	**11/16/1998**	**ND<0.5 U**	**TRUE**
MW-2	**11/6/1999**	**ND<0.5 U**	**TRUE**
MW-2	**11/3/2000**	**ND<1 U**	**TRUE**
MW-2	**10/24/2001**	**ND<1 U**	**TRUE**
MW-2	**10/30/2002**	**ND<1 U**	**TRUE**
MW-2	**10/6/2003**	**ND<1 U**	**TRUE**
MW-2	**10/27/2004**	**ND<1 U**	**TRUE**
MW-2	**9/30/2005**	**ND<1 U**	**TRUE**
MW-2	9/27/2010	ND<0.47 U	FALSE
MW-2	10/10/2011	ND<0.47 U	FALSE
MW-2	**10/11/2012**	**ND<0.475 U**	**TRUE**
MW-2	4/10/2013	ND<0.115 U	FALSE
MW-2	10/15/2013	ND<0.47 U	FALSE

MW-11	4/9/2013	ND<0.115 U	FALSE
MW-13	4/9/2013	ND<0.115 U	FALSE
MW-7	**4/9/2013**	**46**	**TRUE**
MW-7	**10/9/2013**	**20.8**	**TRUE**
MW-8	4/9/2013	ND<0.115 U	FALSE
MW-3	4/10/2013	ND<0.115 U	FALSE
MW-3	**10/9/2013**	**ND<0.475 U**	**TRUE**
MW-4	4/10/2013	ND<0.115 U	FALSE
MW-10	4/11/2013	ND<0.115 U	FALSE

Two-Sample Test of Proportions

Parameter: 2,4-D

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 2
Compliance measurements = 49
Comparison Level = 70

0 background measurements exceed 70
0 compliance measurements exceed 70

p background = 0 = 0 / 2
p compliance = 0 = 0 / 49
p total = 0 = 0 / 51

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 49
m(1-Pb = 2 < 5.0

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Alkalinity, Total as CaCO3

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 0%
Background measurements (n) = 4
Maximum Background Concentration = 86800
Minimum Coverage = 47.3%
Average Coverage = 80%

Location	Date	Value	Significant
MW-12D	**3/29/2011**	**99400**	**TRUE**
MW-12D	10/6/2011	76000	FALSE
MW-12D	**4/5/2012**	**125000**	**TRUE**
MW-12D	10/10/2013	4950	FALSE
MW-14D	**3/29/2011**	**129000**	**TRUE**
MW-14D	**10/6/2011**	**123000**	**TRUE**
MW-14D	**4/5/2012**	**119000**	**TRUE**
MW-14D	**10/11/2013**	**124000**	**TRUE**
MW-15D	**10/10/2013**	**161000**	**TRUE**

Non-Parametric Tolerance Interval

Parameter: Alkalinity, Total as CaCO3

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

Total Percent Non-Detects = 0%
Background measurements (n) = 4
Maximum Background Concentration = 39600
Minimum Coverage = 47.3%
Average Coverage = 80%

Location	Date	Value	Significant
MW-12	3/29/2011	142000	TRUE
MW-12	10/6/2011	168000	TRUE
MW-12	4/5/2012	129000	TRUE
MW-12	10/10/2013	144000	TRUE
MW-14	3/29/2011	73300	TRUE
MW-14	10/6/2011	66700	TRUE
MW-14	4/5/2012	63500	TRUE
MW-14	10/11/2013	56500	TRUE
MW-15S	10/10/2013	78100	TRUE

Two-Sample Test of Proportions

Parameter: Alkalinity, Total as CaCO3

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 4

Compliance measurements = 9

Comparison Level = 0

Comparison Level is Zero. Calculations Aborted.

Set Comparison Level from Options | Comparison Levels.

Non-Parametric Tolerance Interval

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 1.92308%
Background measurements (n) = 28
Maximum Background Concentration = 1290
Minimum Coverage = 89.9%
Average Coverage = 96.5517%

Location	Date	Value	Significant
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	3/24/2006	48	FALSE
MW-5D	9/26/2006	48	FALSE
MW-5D	3/27/2007	50 J	FALSE
MW-5D	9/27/2007	51.7	FALSE
MW-5D	3/26/2008	51.2	FALSE
MW-5D	9/30/2008	45.6	FALSE
MW-5D	3/26/2009	58.9	FALSE
MW-5D	10/2/2009	58.1	FALSE
MW-5D	4/2/2010	53.2	FALSE
MW-5D	10/6/2010	50.1	FALSE
MW-5D	3/25/2011	53.5	FALSE
MW-5D	10/5/2011	61.3	FALSE
MW-5D	4/5/2012	57.1	FALSE
MW-5D	10/3/2012	59.2	FALSE
MW-5D	4/11/2013	68.8	FALSE
MW-5D	10/9/2013	63	FALSE
MW-2D	4/15/1998	83	FALSE
MW-2D	11/11/1998	117	FALSE
MW-2D	4/27/1999	74	FALSE
MW-2D	11/2/1999	80	FALSE
MW-2D	4/4/2000	70	FALSE
MW-2D	11/6/2000	95	FALSE
MW-2D	4/30/2001	140	FALSE
MW-2D	10/22/2001	77	FALSE
MW-2D	4/29/2002	230	FALSE
MW-2D	10/28/2002	140	FALSE

MW-2D	3/24/2003	77	FALSE
MW-2D	9/29/2003	130	FALSE
MW-2D	3/29/2004	100	FALSE
MW-2D	9/27/2004	140	FALSE
MW-2D	4/11/2005	81	FALSE
MW-2D	9/26/2005	79	FALSE
MW-2D	3/23/2006	84	FALSE
MW-2D	9/28/2006	75	FALSE
MW-2D	3/27/2007	77 J	FALSE
MW-2D	9/28/2007	89.3	FALSE
MW-2D	3/26/2008	77.2	FALSE
MW-2D	9/29/2008	72	FALSE
MW-2D	3/26/2009	74.7	FALSE
MW-2D	10/1/2009	79.3	FALSE
MW-2D	4/6/2010	87.8	FALSE
MW-2D	10/8/2010	74.3	FALSE
MW-2D	3/25/2011	79	FALSE
MW-2D	10/5/2011	87.8	FALSE
MW-2D	4/4/2012	82.1	FALSE
MW-2D	10/5/2012	80.6	FALSE
MW-2D	4/10/2013	82.3	FALSE
MW-2D	10/11/2013	87	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	3/24/2006	32	FALSE
MW-4D	9/27/2006	46	FALSE
MW-4D	3/27/2007	30 J	FALSE
MW-4D	9/28/2007	30.7	FALSE
MW-4D	3/26/2008	31.9	FALSE
MW-4D	9/29/2008	65	FALSE
MW-4D	3/26/2009	48.2	FALSE
MW-4D	10/2/2009	83.2	FALSE
MW-4D	4/6/2010	34.9	FALSE
MW-4D	10/7/2010	27.1	FALSE
MW-4D	3/29/2011	31.5	FALSE
MW-4D	10/5/2011	34.4	FALSE
MW-4D	4/5/2012	33.3	FALSE
MW-4D	10/4/2012	28.8	FALSE
MW-4D	4/10/2013	53.9	FALSE
MW-4D	10/10/2013	29.9	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	3/23/2006	68	FALSE
MW-8D	9/26/2006	67	FALSE
MW-8D	3/27/2007	71 J	FALSE
MW-8D	9/28/2007	88.2	FALSE
MW-8D	3/27/2008	89.1	FALSE
MW-8D	9/29/2008	76.1	FALSE
MW-8D	3/25/2009	70.9	FALSE
MW-8D	10/5/2009	84	FALSE
MW-8D	4/6/2010	90.6	FALSE
MW-8D	10/8/2010	88.5	FALSE
MW-8D	3/29/2011	108	FALSE
MW-8D	10/6/2011	123	FALSE
MW-8D	4/6/2012	119	FALSE
MW-8D	10/5/2012	121	FALSE
MW-8D	4/9/2013	123	FALSE
MW-8D	10/11/2013	140	FALSE

MW-11D	4/29/2002	350	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	65	FALSE
MW-11D	9/29/2003	63	FALSE
MW-11D	3/30/2004	17	FALSE
MW-11D	9/27/2004	15	FALSE
MW-11D	4/12/2005	13	FALSE
MW-11D	9/26/2005	17	FALSE
MW-11D	3/23/2006	16	FALSE
MW-11D	9/26/2006	18	FALSE
MW-11D	3/27/2007	18 J	FALSE
MW-11D	9/27/2007	17.7	FALSE
MW-11D	3/27/2008	15.6	FALSE
MW-11D	9/30/2008	10.2	FALSE
MW-11D	3/26/2009	12.1	FALSE
MW-11D	10/5/2009	14.5	FALSE
MW-11D	4/6/2010	12.3	FALSE
MW-11D	10/8/2010	14.7	FALSE
MW-11D	3/29/2011	13	FALSE
MW-11D	10/5/2011	15.6	FALSE
MW-11D	4/6/2012	13.2	FALSE
MW-11D	10/5/2012	15.6	FALSE

MW-11D	4/9/2013	14.7	FALSE
MW-11D	10/9/2013	20.1	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	3/23/2006	32	FALSE
MW-10D	9/27/2006	18	FALSE
MW-10D	3/27/2007	12 J	FALSE
MW-10D	9/27/2007	30.9	FALSE
MW-10D	3/26/2008	17.8	FALSE
MW-10D	9/26/2008	12.2	FALSE
MW-10D	3/26/2009	11	FALSE
MW-10D	10/1/2009	19.7	FALSE
MW-10D	4/2/2010	21.1	FALSE
MW-10D	10/7/2010	14.6	FALSE
MW-10D	3/29/2011	13.8	FALSE
MW-10D	10/5/2011	23.2	FALSE
MW-10D	4/4/2012	16.9	FALSE
MW-10D	10/3/2012	15.2	FALSE
MW-10D	4/11/2013	25.1	FALSE
MW-10D	10/9/2013	23.2	FALSE

MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	1000	FALSE
MW-12D	9/30/2003	150	FALSE
MW-12D	3/30/2004	68	FALSE
MW-12D	9/27/2004	420	FALSE
MW-12D	4/11/2005	370	FALSE
MW-12D	9/27/2005	160	FALSE
MW-12D	3/27/2006	140 I	FALSE
MW-12D	9/27/2006	270	FALSE
MW-12D	3/27/2007	46 J	FALSE
MW-12D	9/28/2007	262	FALSE
MW-12D	3/27/2008	76.6	FALSE
MW-12D	9/30/2008	82.9	FALSE
MW-12D	3/26/2009	43.5	FALSE
MW-12D	10/2/2009	45.8	FALSE
MW-12D	4/6/2010	45.4	FALSE
MW-12D	10/7/2010	47.5	FALSE
MW-12D	3/29/2011	55.1	FALSE
MW-12D	10/6/2011	63.5	FALSE
MW-12D	4/5/2012	43.5	FALSE
MW-12D	10/5/2012	61	FALSE
MW-12D	4/11/2013	43.3	FALSE
MW-12D	10/10/2013	53.2	FALSE

MW-13D	9/27/2005	400	FALSE
MW-13D	3/27/2006	460	FALSE

MW-13D	9/28/2006	270	FALSE
MW-13D	3/27/2007	220	FALSE
MW-13D	9/28/2007	211	FALSE
MW-13D	3/27/2008	225	FALSE
MW-13D	9/29/2008	179	FALSE
MW-13D	3/26/2009	198	FALSE
MW-13D	10/2/2009	228	FALSE
MW-13D	4/2/2010	279	FALSE
MW-13D	10/7/2010	212	FALSE
MW-13D	3/25/2011	215	FALSE
MW-13D	10/6/2011	259	FALSE
MW-13D	4/5/2012	248	FALSE
MW-13D	10/4/2012	257	FALSE
MW-13D	4/9/2013	260	FALSE
MW-13D	10/9/2013	339	FALSE
MW-14D	9/27/2006	14	FALSE
MW-14D	3/27/2007	11 J	FALSE
MW-14D	9/28/2007	12.1	FALSE
MW-14D	3/27/2008	10.4	FALSE
MW-14D	9/30/2008	7.9	FALSE
MW-14D	3/26/2009	7.1	FALSE
MW-14D	10/2/2009	6.6	FALSE
MW-14D	4/6/2010	6.1	FALSE
MW-14D	10/7/2010	5.1	FALSE
MW-14D	3/29/2011	5.1	FALSE
MW-14D	10/6/2011	6.2	FALSE
MW-14D	4/5/2012	11.9	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE
MW-14D	10/11/2013	ND<2.5 U	FALSE
MW-15D	10/10/2013	117	FALSE

Non-Parametric Tolerance Interval

Parameter: Barium

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

Total Percent Non-Detects = 5.56414%
Background measurements (n) = 32
Maximum Background Concentration = 709
Minimum Coverage = 91.1%
Average Coverage = 96.9697%

Location	Date	Value	Significant
MW-2	**9/12/1990**	**1300**	**TRUE**
MW-2	9/25/1991	190	FALSE
MW-2	4/16/1992	120	FALSE
MW-2	9/22/1992	ND<50 U	FALSE
MW-2	4/13/1993	ND<50 U	FALSE
MW-2	7/19/1994	ND<50 U	FALSE
MW-2	10/25/1994	ND<50 U	FALSE
MW-2	12/16/1994	ND<50 U	FALSE
MW-2	3/16/1995	ND<50 U	FALSE
MW-2	6/23/1995	ND<50 U	FALSE
MW-2	10/4/1995	ND<50 U	FALSE
MW-2	10/10/1996	ND<50 U	FALSE
MW-2	5/14/1997	17	FALSE
MW-2	11/17/1997	15	FALSE
MW-2	4/15/1998	527	FALSE
MW-2	4/28/1998	15	FALSE
MW-2	11/11/1998	441	FALSE
MW-2	11/16/1998	18	FALSE
MW-2	4/27/1999	91	FALSE
MW-2	5/6/1999	20	FALSE
MW-2	11/2/1999	240	FALSE
MW-2	11/6/1999	18	FALSE
MW-2	4/4/2000	213	FALSE
MW-2	4/12/2000	23	FALSE
MW-2	11/2/2000	18	FALSE
MW-2	11/6/2000	210	FALSE
MW-2	4/30/2001	140	FALSE
MW-2	5/2/2001	66	FALSE
MW-2	10/22/2001	680	FALSE
MW-2	10/24/2001	250	FALSE
MW-2	**4/29/2002**	**1100**	**TRUE**
MW-2	5/2/2002	160	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	43	FALSE
MW-2	3/24/2003	120	FALSE
MW-2	3/26/2003	27	FALSE
MW-2	9/29/2003	410	FALSE
MW-2	10/6/2003	21	FALSE
MW-2	3/29/2004	280	FALSE
MW-2	4/2/2004	19	FALSE
MW-2	**9/27/2004**	**1100**	**TRUE**
MW-2	10/6/2004	20	FALSE
MW-2	3/30/2005	23	FALSE
MW-2	**4/11/2005**	**1000**	**TRUE**

MW-2	9/26/2005	610	FALSE
MW-2	**9/30/2005**	**22000**	**TRUE**
MW-2	**3/23/2006**	**970**	**TRUE**
MW-2	9/28/2006	300	FALSE
MW-2	9/29/2006	18	FALSE
MW-2	3/27/2007	72 J	FALSE
MW-2	3/30/2007	ND<50 U	FALSE
MW-2	9/27/2007	15.1	FALSE
MW-2	**9/28/2007**	**1080**	**TRUE**
MW-2	3/26/2008	61	FALSE
MW-2	9/23/2008	21.1	FALSE
MW-2	9/29/2008	175	FALSE
MW-2	3/26/2009	518	FALSE
MW-2	3/31/2009	18	FALSE
MW-2	**10/1/2009**	**955**	**TRUE**
MW-2	10/7/2009	17.6	FALSE
MW-2	3/29/2010	19.1	FALSE
MW-2	4/6/2010	80.9	FALSE
MW-2	9/27/2010	18.7	FALSE
MW-2	10/8/2010	86.7	FALSE
MW-2	3/25/2011	65.4	FALSE
MW-2	4/5/2011	17.1	FALSE
MW-2	10/5/2011	136	FALSE
MW-2	10/10/2011	19.7	FALSE
MW-2	4/4/2012	63	FALSE
MW-2	4/10/2012	23.4	FALSE
MW-2	10/5/2012	78	FALSE
MW-2	10/11/2012	17	FALSE
MW-2	4/1/2013	17.7	FALSE
MW-2	4/10/2013	121	FALSE
MW-2	10/11/2013	87.1	FALSE
MW-2	10/15/2013	19	FALSE

MW-3	9/12/1990	340	FALSE
MW-3	9/26/1991	210	FALSE
MW-3	4/16/1992	270	FALSE
MW-3	9/21/1992	ND<50 U	FALSE
MW-3	4/9/1993	ND<50 U	FALSE
MW-3	7/18/1994	ND<50 U	FALSE
MW-3	12/12/1994	ND<50 U	FALSE
MW-3	5/14/1997	84	FALSE
MW-3	11/20/1997	83	FALSE
MW-3	**4/14/1998**	**1100**	**TRUE**
MW-3	4/29/1998	121	FALSE
MW-3	**11/9/1998**	**1180**	**TRUE**
MW-3	11/17/1998	133	FALSE
MW-3	4/27/1999	335	FALSE
MW-3	5/7/1999	160	FALSE
MW-3	10/11/1999	ND<50 U	FALSE
MW-3	11/1/1999	230	FALSE
MW-3	11/6/1999	130	FALSE
MW-3	4/3/2000	105	FALSE
MW-3	4/12/2000	134	FALSE
MW-3	11/3/2000	190	FALSE
MW-3	11/6/2000	410	FALSE
MW-3	4/30/2001	340	FALSE

MW-3	5/3/2001	380	FALSE
MW-3	10/22/2001	340	FALSE
MW-3	10/25/2001	350	FALSE
MW-3	4/29/2002	410	FALSE
MW-3	5/2/2002	320	FALSE
MW-3	10/28/2002	400	FALSE
MW-3	10/31/2002	230	FALSE
MW-3	3/24/2003	260	FALSE
MW-3	4/3/2003	250	FALSE
MW-3	9/29/2003	380	FALSE
MW-3	10/3/2003	220	FALSE
MW-3	3/30/2004	150	FALSE
MW-3	4/2/2004	160	FALSE
MW-3	9/27/2004	220	FALSE
MW-3	9/30/2004	160	FALSE
MW-3	3/30/2005	160	FALSE
MW-3	**4/11/2005**	**1300**	**TRUE**
MW-3	**9/26/2005**	**1500**	**TRUE**
MW-3	**9/29/2005**	**160000**	**TRUE**
MW-3	3/23/2006	560	FALSE
MW-3	9/26/2006	210	FALSE
MW-3	9/29/2006	140	FALSE
MW-3	3/27/2007	180	FALSE
MW-3	3/30/2007	160	FALSE
MW-3	9/26/2007	152	FALSE
MW-3	9/28/2007	207	FALSE
MW-3	3/26/2008	302	FALSE
MW-3	3/31/2008	144	FALSE
MW-3	9/23/2008	143	FALSE
MW-3	9/30/2008	182	FALSE
MW-3	3/26/2009	355	FALSE
MW-3	3/31/2009	133	FALSE
MW-3	10/1/2009	204	FALSE
MW-3	10/7/2009	159	FALSE
MW-3	3/29/2010	175	FALSE
MW-3	4/2/2010	137	FALSE
MW-3	9/28/2010	151	FALSE
MW-3	10/6/2010	153	FALSE
MW-3	3/25/2011	159	FALSE
MW-3	4/4/2011	154	FALSE
MW-3	10/5/2011	166	FALSE
MW-3	10/10/2011	173	FALSE
MW-3	4/4/2012	177	FALSE
MW-3	4/10/2012	170	FALSE
MW-3	10/3/2012	184	FALSE
MW-3	10/10/2012	176	FALSE
MW-3	4/1/2013	178	FALSE
MW-3	4/10/2013	183	FALSE
MW-3	10/9/2013	185	FALSE
MW-3	10/14/2013	188	FALSE

MW-4	9/12/1990	210	FALSE
MW-4	9/26/1991	140	FALSE
MW-4	4/16/1992	210	FALSE
MW-4	9/21/1992	ND<50 U	FALSE
MW-4	7/18/1994	ND<50 U	FALSE

MW-4	12/14/1994	ND<50 U	FALSE
MW-4	5/13/1997	131	FALSE
MW-4	11/20/1997	143	FALSE
MW-4	**4/15/1998**	**911**	**TRUE**
MW-4	4/29/1998	168	FALSE
MW-4	11/9/1998	302	FALSE
MW-4	11/16/1998	174	FALSE
MW-4	4/26/1999	110	FALSE
MW-4	5/6/1999	180	FALSE
MW-4	10/11/1999	114	FALSE
MW-4	11/1/1999	140	FALSE
MW-4	11/6/1999	170	FALSE
MW-4	4/4/2000	208	FALSE
MW-4	4/12/2000	193	FALSE
MW-4	11/3/2000	240	FALSE
MW-4	11/6/2000	100	FALSE
MW-4	4/30/2001	96	FALSE
MW-4	5/3/2001	250	FALSE
MW-4	10/22/2001	200	FALSE
MW-4	10/25/2001	280	FALSE
MW-4	4/29/2002	140	FALSE
MW-4	5/2/2002	280	FALSE
MW-4	10/28/2002	120	FALSE
MW-4	10/31/2002	200	FALSE
MW-4	3/24/2003	110	FALSE
MW-4	4/3/2003	210	FALSE
MW-4	9/30/2003	87	FALSE
MW-4	10/3/2003	230	FALSE
MW-4	3/29/2004	200	FALSE
MW-4	4/2/2004	240	FALSE
MW-4	9/27/2004	86	FALSE
MW-4	9/30/2004	270	FALSE
MW-4	3/30/2005	270	FALSE
MW-4	4/11/2005	470	FALSE
MW-4	9/26/2005	160	FALSE
MW-4	**9/29/2005**	**310000**	**TRUE**
MW-4	3/24/2006	250	FALSE
MW-4	9/27/2006	77	FALSE
MW-4	9/29/2006	300	FALSE
MW-4	3/27/2007	72 J	FALSE
MW-4	3/29/2007	330	FALSE
MW-4	9/26/2007	311	FALSE
MW-4	9/28/2007	87.8	FALSE
MW-4	3/26/2008	74.9	FALSE
MW-4	3/31/2008	329	FALSE
MW-4	9/23/2008	331	FALSE
MW-4	9/29/2008	85.4	FALSE
MW-4	3/26/2009	61.1	FALSE
MW-4	3/31/2009	330	FALSE
MW-4	10/2/2009	69.8	FALSE
MW-4	10/7/2009	397	FALSE
MW-4	3/30/2010	419	FALSE
MW-4	4/6/2010	71.2	FALSE
MW-4	9/28/2010	436	FALSE
MW-4	10/7/2010	63.3	FALSE
MW-4	3/29/2011	62.2	FALSE
MW-4	4/4/2011	464	FALSE

MW-4	10/5/2011	95.5	FALSE
MW-4	10/10/2011	496	FALSE
MW-4	4/5/2012	59.4	FALSE
MW-4	4/10/2012	459	FALSE
MW-4	10/4/2012	65.8	FALSE
MW-4	10/10/2012	484	FALSE
MW-4	4/1/2013	485	FALSE
MW-4	4/10/2013	206	FALSE
MW-4	10/10/2013	72.5	FALSE
MW-4	10/14/2013	537	FALSE

MW-5	9/26/1991	180	FALSE
MW-5	4/16/1992	ND<50 U	FALSE
MW-5	9/21/1992	ND<50 U	FALSE
MW-5	7/15/1994	ND<50 U	FALSE
MW-5	10/21/1994	ND<50 U	FALSE
MW-5	12/14/1994	110	FALSE
MW-5	3/16/1995	104	FALSE
MW-5	6/22/1995	131	FALSE
MW-5	10/4/1995	131	FALSE
MW-5	5/13/1997	111	FALSE
MW-5	11/20/1997	98	FALSE
MW-5	4/13/1998	484	FALSE
MW-5	4/29/1998	107	FALSE
MW-5	11/11/1998	331	FALSE
MW-5	11/16/1998	106	FALSE
MW-5	4/26/1999	42	FALSE
MW-5	5/6/1999	110	FALSE
MW-5	10/11/1999	110	FALSE
MW-5	11/2/1999	52	FALSE
MW-5	11/6/1999	110	FALSE
MW-5	4/3/2000	63	FALSE
MW-5	4/12/2000	116	FALSE
MW-5	11/1/2000	120	FALSE
MW-5	**11/6/2000**	**1500**	**TRUE**
MW-5	4/30/2001	76	FALSE
MW-5	5/3/2001	210	FALSE
MW-5	10/22/2001	46	FALSE
MW-5	10/24/2001	180	FALSE
MW-5	4/29/2002	280	FALSE
MW-5	5/1/2002	190	FALSE
MW-5	10/28/2002	12	FALSE
MW-5	10/31/2002	150	FALSE
MW-5	3/24/2003	52	FALSE
MW-5	4/3/2003	130	FALSE
MW-5	9/29/2003	67	FALSE
MW-5	10/3/2003	120	FALSE
MW-5	3/30/2004	120	FALSE
MW-5	4/2/2004	120	FALSE
MW-5	9/27/2004	74	FALSE
MW-5	9/30/2004	110	FALSE
MW-5	3/30/2005	120	FALSE
MW-5	4/12/2005	69	FALSE
MW-5	9/26/2005	78	FALSE
MW-5	**9/29/2005**	**120000**	**TRUE**
MW-5	3/24/2006	78	FALSE

MW-5	9/26/2006	130	FALSE
MW-5	9/29/2006	110	FALSE
MW-5	3/27/2007	98 J	FALSE
MW-5	3/29/2007	110	FALSE
MW-5	9/26/2007	103	FALSE
MW-5	9/27/2007	89.9	FALSE
MW-5	3/26/2008	103	FALSE
MW-5	3/31/2008	115	FALSE
MW-5	9/23/2008	117	FALSE
MW-5	9/30/2008	96.9	FALSE
MW-5	3/26/2009	106	FALSE
MW-5	3/30/2009	118	FALSE
MW-5	10/2/2009	152	FALSE
MW-5	10/7/2009	127	FALSE
MW-5	3/30/2010	136	FALSE
MW-5	4/2/2010	92.7	FALSE
MW-5	9/28/2010	119	FALSE
MW-5	10/6/2010	90.9	FALSE
MW-5	3/25/2011	96.5	FALSE
MW-5	4/4/2011	129	FALSE
MW-5	10/5/2011	102	FALSE
MW-5	10/10/2011	141	FALSE
MW-5	4/5/2012	96.6	FALSE
MW-5	4/10/2012	131	FALSE
MW-5	10/3/2012	98.2	FALSE
MW-5	10/10/2012	132	FALSE
MW-5	4/1/2013	138	FALSE
MW-5	4/11/2013	96.2	FALSE
MW-5	10/9/2013	101	FALSE
MW-5	10/14/2013	131	FALSE

MW-6	9/26/1991	290	FALSE
MW-6	4/16/1992	ND<50 U	FALSE
MW-6	9/21/1992	200	FALSE
MW-6	7/15/1994	655	FALSE
MW-6	**10/21/1994**	**741**	**TRUE**
MW-6	**12/14/1994**	**747**	**TRUE**
MW-6	**3/16/1995**	**841**	**TRUE**
MW-6	**6/22/1995**	**851**	**TRUE**
MW-6	**10/4/1995**	**836**	**TRUE**
MW-6	**5/7/1997**	**910**	**TRUE**
MW-6	**11/20/1997**	**837**	**TRUE**
MW-6	4/13/1998	209	FALSE
MW-6	**4/28/1998**	**847**	**TRUE**
MW-6	11/11/1998	265	FALSE
MW-6	**11/16/1998**	**783**	**TRUE**
MW-6	4/26/1999	131	FALSE
MW-6	**5/5/1999**	**870**	**TRUE**
MW-6	**10/11/1999**	**1660**	**TRUE**
MW-6	11/2/1999	120	FALSE
MW-6	**11/5/1999**	**930**	**TRUE**
MW-6	4/3/2000	105	FALSE
MW-6	**4/12/2000**	**970**	**TRUE**
MW-6	**11/2/2000**	**960**	**TRUE**
MW-6	**11/6/2000**	**1400**	**TRUE**
MW-6	4/30/2001	400	FALSE

MW-6	**5/3/2001**	**1000**	**TRUE**
MW-6	**10/22/2001**	**1900**	**TRUE**
MW-6	**10/24/2001**	**1100**	**TRUE**
MW-6	**4/29/2002**	**1000**	**TRUE**
MW-6	**5/2/2002**	**1000**	**TRUE**
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	**10/31/2002**	**870**	**TRUE**
MW-6	3/25/2003	59	FALSE
MW-6	**4/25/2003**	**970**	**TRUE**
MW-6	**9/29/2003**	**1100**	**TRUE**
MW-6	**10/2/2003**	**960**	**TRUE**
MW-6	3/30/2004	54	FALSE
MW-6	**4/2/2004**	**1100**	**TRUE**
MW-6	9/27/2004	180	FALSE
MW-6	**9/29/2004**	**880**	**TRUE**
MW-6	**3/30/2005**	**960**	**TRUE**
MW-6	**4/12/2005**	**1400**	**TRUE**
MW-6	9/26/2005	180	FALSE
MW-6	**9/30/2005**	**1e+006**	**TRUE**
MW-6	3/24/2006	230	FALSE
MW-6	9/26/2006	320	FALSE
MW-6	**9/29/2006**	**770**	**TRUE**
MW-6	3/27/2007	51 J	FALSE
MW-6	**3/29/2007**	**1100**	**TRUE**
MW-6	**9/27/2007**	**1020**	**TRUE**
MW-6	3/26/2008	165	FALSE
MW-6	**4/1/2008**	**1070**	**TRUE**
MW-6	**9/23/2008**	**958**	**TRUE**
MW-6	9/30/2008	64.9	FALSE
MW-6	3/26/2009	71	FALSE
MW-6	**3/31/2009**	**958**	**TRUE**
MW-6	10/2/2009	61.4	FALSE
MW-6	**10/7/2009**	**850**	**TRUE**
MW-6	**3/30/2010**	**1100**	**TRUE**
MW-6	4/2/2010	143	FALSE
MW-6	10/6/2010	52.1	FALSE
MW-6	**10/22/2010**	**1140**	**TRUE**
MW-6	3/25/2011	52.9	FALSE
MW-6	**4/7/2011**	**1240**	**TRUE**
MW-6	10/5/2011	57.2	FALSE
MW-6	**10/11/2011**	**1150**	**TRUE**
MW-6	4/4/2012	55	FALSE
MW-6	**4/10/2012**	**1060**	**TRUE**
MW-6	10/3/2012	58.6	FALSE
MW-6	**10/11/2012**	**1220**	**TRUE**
MW-6	**4/1/2013**	**1200**	**TRUE**
MW-6	4/9/2013	53.4	FALSE
MW-6	10/9/2013	50.7	FALSE
MW-6	**10/15/2013**	**1210**	**TRUE**

MW-7	4/8/1993	160	FALSE
MW-7	7/14/1994	168	FALSE
MW-7	12/14/1994	213	FALSE
MW-7	3/16/1995	176	FALSE
MW-7	5/12/1997	168	FALSE
MW-7	11/17/1997	245	FALSE

MW-7	4/13/1998	271	FALSE
MW-7	4/28/1998	181	FALSE
MW-7	11/11/1998	243	FALSE
MW-7	**4/26/1999**	**730**	**TRUE**
MW-7	5/5/1999	220	FALSE
MW-7	10/11/1999	230	FALSE
MW-7	11/2/1999	70	FALSE
MW-7	11/6/1999	220	FALSE
MW-7	4/3/2000	63	FALSE
MW-7	4/13/2000	198	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**	**TRUE**
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	**9/30/2005**	**200000**	**TRUE**
MW-7	3/24/2006	170	FALSE
MW-7	9/26/2006	180	FALSE
MW-7	9/29/2006	190	FALSE
MW-7	3/27/2007	200	FALSE
MW-7	3/29/2007	200	FALSE
MW-7	9/26/2007	171	FALSE
MW-7	9/27/2007	125	FALSE
MW-7	3/26/2008	98.3	FALSE
MW-7	9/26/2008	94.8	FALSE
MW-7	3/26/2009	90.2	FALSE
MW-7	10/1/2009	155	FALSE
MW-7	4/2/2010	150	FALSE
MW-7	10/6/2010	148	FALSE
MW-7	3/25/2011	153	FALSE
MW-7	10/5/2011	155	FALSE
MW-7	4/4/2012	132	FALSE
MW-7	10/3/2012	137	FALSE
MW-7	4/1/2013	229	FALSE
MW-7	4/9/2013	138	FALSE
MW-7	10/9/2013	132	FALSE

MW-8	4/8/1993	ND<50 U	FALSE
MW-8	7/14/1994	ND<50 U	FALSE
MW-8	12/15/1994	ND<50 U	FALSE
MW-8	5/12/1997	110	FALSE
MW-8	11/19/1997	87	FALSE
MW-8	4/17/1998	115	FALSE
MW-8	4/28/1998	79	FALSE
MW-8	11/10/1998	274	FALSE
MW-8	11/11/1998	185	FALSE
MW-8	4/26/1999	90	FALSE
MW-8	5/5/1999	42	FALSE
MW-8	10/11/1999	534	FALSE
MW-8	11/1/1999	60	FALSE

MW-8	11/6/1999	140	FALSE
MW-8	4/3/2000	48	FALSE
MW-8	4/13/2000	74	FALSE
MW-8	11/1/2000	300	FALSE
MW-8	11/7/2000	150	FALSE
MW-8	4/30/2001	210	FALSE
MW-8	5/2/2001	280	FALSE
MW-8	10/22/2001	480	FALSE
MW-8	**10/24/2001**	**2700**	**TRUE**
MW-8	1/14/2002	100	FALSE
MW-8	4/29/2002	260	FALSE
MW-8	**5/2/2002**	**2100**	**TRUE**
MW-8	10/28/2002	59	FALSE
MW-8	10/31/2002	520	FALSE
MW-8	3/25/2003	62	FALSE
MW-8	3/28/2003	320	FALSE
MW-8	9/30/2003	70	FALSE
MW-8	10/2/2003	230	FALSE
MW-8	3/30/2004	87	FALSE
MW-8	4/1/2004	270	FALSE
MW-8	9/27/2004	100	FALSE
MW-8	9/29/2004	120	FALSE
MW-8	3/29/2005	160	FALSE
MW-8	4/12/2005	130	FALSE
MW-8	9/27/2005	52	FALSE
MW-8	3/23/2006	68	FALSE
MW-8	9/26/2006	71	FALSE
MW-8	3/27/2007	76 J	FALSE
MW-8	9/28/2007	83.7	FALSE
MW-8	3/27/2008	98.9	FALSE
MW-8	9/29/2008	75	FALSE
MW-8	3/25/2009	70.8	FALSE
MW-8	10/5/2009	101	FALSE
MW-8	4/6/2010	97.7	FALSE
MW-8	10/8/2010	81.7	FALSE
MW-8	3/29/2011	91.1	FALSE
MW-8	10/6/2011	112	FALSE
MW-8	4/6/2012	96	FALSE
MW-8	10/5/2012	115	FALSE
MW-8	4/9/2013	111	FALSE
MW-8	10/11/2013	116	FALSE

MW-10	7/14/1994	ND<50 U	FALSE
MW-10	12/14/1994	ND<50 U	FALSE
MW-10	5/7/1997	56	FALSE
MW-10	11/19/1997	53	FALSE
MW-10	4/29/1998	93	FALSE
MW-10	11/11/1998	67	FALSE
MW-10	5/5/1999	61	FALSE
MW-10	10/11/1999	ND<50 U	FALSE
MW-10	11/6/1999	63	FALSE
MW-10	4/13/2000	69	FALSE
MW-10	11/1/2000	76	FALSE
MW-10	5/2/2001	540	FALSE
MW-10	10/24/2001	220	FALSE
MW-10	4/30/2002	140	FALSE

MW-10	5/2/2002	250	FALSE
MW-10	10/29/2002	550	FALSE
MW-10	3/25/2003	320	FALSE
MW-10	3/28/2003	75	FALSE
MW-10	9/30/2003	240	FALSE
MW-10	10/2/2003	57	FALSE
MW-10	3/30/2004	150	FALSE
MW-10	4/1/2004	63	FALSE
MW-10	9/27/2004	340	FALSE
MW-10	9/29/2004	59	FALSE
MW-10	3/29/2005	55	FALSE
MW-10	4/12/2005	410	FALSE
MW-10	9/27/2005	200	FALSE
MW-10	3/23/2006	220	FALSE
MW-10	9/26/2006	210	FALSE
MW-10	3/27/2007	100	FALSE
MW-10	9/27/2007	132	FALSE
MW-10	3/26/2008	116	FALSE
MW-10	9/26/2008	152	FALSE
MW-10	3/26/2009	90.6	FALSE
MW-10	10/1/2009	136	FALSE
MW-10	4/2/2010	115	FALSE
MW-10	10/7/2010	119	FALSE
MW-10	3/29/2011	114	FALSE
MW-10	10/5/2011	126	FALSE
MW-10	4/4/2012	125	FALSE
MW-10	10/3/2012	128	FALSE
MW-10	4/11/2013	127	FALSE
MW-10	10/9/2013	127	FALSE

MW-14	7/18/1994	ND<50 U	FALSE
MW-14	12/14/1994	ND<50 U	FALSE
MW-14	5/12/1997	17	FALSE
MW-14	11/18/1997	18	FALSE
MW-14	4/28/1998	20	FALSE
MW-14	11/12/1998	21	FALSE
MW-14	5/5/1999	20	FALSE
MW-14	10/11/1999	ND<50 U	FALSE
MW-14	11/3/1999	17	FALSE
MW-14	4/6/2000	18	FALSE
MW-14	11/2/2000	25	FALSE
MW-14	5/2/2001	22	FALSE
MW-14	10/24/2001	22	FALSE
MW-14	4/30/2002	22	FALSE
MW-14	10/31/2002	20	FALSE
MW-14	3/28/2003	20	FALSE
MW-14	10/1/2003	19	FALSE
MW-14	3/31/2004	18	FALSE
MW-14	9/29/2004	21	FALSE
MW-14	3/25/2005	17	FALSE
MW-14	**9/27/2006**	**860**	**TRUE**
MW-14	3/27/2007	68 J	FALSE
MW-14	9/28/2007	217	FALSE
MW-14	3/27/2008	143	FALSE
MW-14	9/30/2008	68.3	FALSE
MW-14	3/26/2009	50.8	FALSE

MW-14	10/2/2009	61.4	FALSE
MW-14	4/6/2010	44.9	FALSE
MW-14	10/7/2010	52.3	FALSE
MW-14	3/29/2011	67.1	FALSE
MW-14	10/6/2011	57.3	FALSE
MW-14	4/5/2012	58.1	FALSE
MW-14	10/5/2012	53.5	FALSE
MW-14	4/11/2013	48.7	FALSE
MW-14	10/11/2013	51.7	FALSE

MW-11	4/29/2002	270	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	61	FALSE
MW-11	9/29/2003	60	FALSE
MW-11	3/30/2004	100	FALSE
MW-11	9/27/2004	49	FALSE
MW-11	4/12/2005	61	FALSE
MW-11	9/26/2005	77	FALSE
MW-11	3/23/2006	150	FALSE
MW-11	9/26/2006	54	FALSE
MW-11	3/27/2007	60 J	FALSE
MW-11	9/27/2007	179	FALSE
MW-11	3/27/2008	66.6	FALSE
MW-11	9/30/2008	48.6	FALSE
MW-11	3/26/2009	53.5	FALSE
MW-11	10/5/2009	58.4	FALSE
MW-11	4/6/2010	68.3	FALSE
MW-11	10/8/2010	55.3	FALSE
MW-11	3/29/2011	66.5	FALSE
MW-11	10/5/2011	71.1	FALSE
MW-11	4/6/2012	68.4	FALSE
MW-11	10/5/2012	73.9	FALSE
MW-11	4/9/2013	74.2	FALSE
MW-11	10/9/2013	75.4	FALSE

MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	220	FALSE
MW-12	9/30/2003	86	FALSE
MW-12	3/30/2004	140	FALSE
MW-12	9/27/2004	280	FALSE
MW-12	4/11/2005	220	FALSE
MW-12	9/27/2005	260	FALSE
MW-12	3/27/2006	210	FALSE
MW-12	9/27/2006	190	FALSE
MW-12	3/27/2007	90 J	FALSE
MW-12	9/28/2007	460	FALSE
MW-12	3/27/2008	98.1	FALSE
MW-12	9/30/2008	155	FALSE
MW-12	3/26/2009	149	FALSE
MW-12	10/2/2009	167	FALSE
MW-12	4/6/2010	85.5	FALSE
MW-12	10/7/2010	218	FALSE
MW-12	3/29/2011	82.2	FALSE
MW-12	10/6/2011	239	FALSE
MW-12	4/5/2012	101	FALSE

MW-12	10/5/2012	162	FALSE
MW-12	4/11/2013	72.8	FALSE
MW-12	10/10/2013	98.6	FALSE
MW-13	9/27/2005	140	FALSE
MW-13	3/27/2006	140	FALSE
MW-13	9/28/2006	130	FALSE
MW-13	3/27/2007	120	FALSE
MW-13	9/28/2007	217	FALSE
MW-13	3/27/2008	160	FALSE
MW-13	9/29/2008	191	FALSE
MW-13	3/26/2009	181	FALSE
MW-13	10/2/2009	165	FALSE
MW-13	4/2/2010	151	FALSE
MW-13	10/7/2010	143	FALSE
MW-13	3/25/2011	120	FALSE
MW-13	10/6/2011	193	FALSE
MW-13	4/5/2012	158	FALSE
MW-13	10/4/2012	153	FALSE
MW-13	4/9/2013	131	FALSE
MW-13	10/9/2013	203	FALSE
MW-15S	10/10/2013	192	FALSE

Non-Parametric Tolerance Interval

Parameter: cis-1,2-Dichloroethene

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

Total Percent Non-Detects = 81.1075%
Background measurements (n) = 30
Maximum Background Concentration = 2.5
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-3	4/16/1992	ND<2.5 U	FALSE
MW-3	9/21/1992	ND<2.5 U	FALSE
MW-3	4/9/1993	ND<2.5 U	FALSE
MW-3	7/18/1994	ND<2.5 U	FALSE
MW-3	**12/12/1994**	**6.4**	**TRUE**
MW-3	10/15/1996	ND<2.5 U	FALSE
MW-3	**5/14/1997**	**15 Q**	**TRUE**
MW-3	**11/20/1997**	**17**	**TRUE**
MW-3	4/14/1998	ND<0.5 U	FALSE
MW-3	**4/29/1998**	**11**	**TRUE**
MW-3	11/9/1998	ND<0.5 U	FALSE
MW-3	**11/17/1998**	**13**	**TRUE**
MW-3	4/27/1999	ND<0.5 U	FALSE
MW-3	**5/7/1999**	**11**	**TRUE**
MW-3	11/1/1999	ND<0.5 U	FALSE
MW-3	**11/6/1999**	**16**	**TRUE**
MW-3	4/3/2000	ND<0.5 U	FALSE
MW-3	**4/12/2000**	**13**	**TRUE**
MW-3	**11/3/2000**	**14**	**TRUE**
MW-3	11/6/2000	ND<2.5 U	FALSE
MW-3	**5/3/2001**	**15**	**TRUE**
MW-3	10/22/2001	ND<1 U	FALSE
MW-3	**10/25/2001**	**12**	**TRUE**
MW-3	4/29/2002	ND<0.5 U	FALSE
MW-3	**5/2/2002**	**8.2**	**TRUE**
MW-3	**10/31/2002**	**6.8**	**TRUE**
MW-3	3/24/2003	ND<2.5 U	FALSE
MW-3	**4/3/2003**	**9.1**	**TRUE**
MW-3	9/29/2003	ND<0.5 U	FALSE
MW-3	**10/3/2003**	**5.3**	**TRUE**
MW-3	3/30/2004	ND<0.5 U	FALSE
MW-3	**4/2/2004**	**12**	**TRUE**
MW-3	9/27/2004	ND<0.5 U	FALSE
MW-3	**9/30/2004**	**19**	**TRUE**
MW-3	**3/30/2005**	**15**	**TRUE**
MW-3	4/11/2005	ND<0.5 U	FALSE
MW-3	9/26/2005	ND<0.5 U	FALSE
MW-3	**9/29/2005**	**17**	**TRUE**
MW-3	3/23/2006	ND<0.5 U	FALSE
MW-3	9/26/2006	ND<0.5 U	FALSE
MW-3	**9/29/2006**	**19**	**TRUE**
MW-3	3/27/2007	ND<0.5 U	FALSE
MW-3	**3/30/2007**	**15**	**TRUE**
MW-3	**9/26/2007**	**22**	**TRUE**

MW-3	9/28/2007	ND<0.5 U	FALSE
MW-3	3/26/2008	ND<0.095 U	FALSE
MW-3	**3/31/2008**	**18.4**	**TRUE**
MW-3	**9/23/2008**	**19.1**	**TRUE**
MW-3	9/30/2008	ND<0.5 U	FALSE
MW-3	3/26/2009	ND<0.5 U	FALSE
MW-3	**3/31/2009**	**18.9**	**TRUE**
MW-3	10/1/2009	ND<0.5 U	FALSE
MW-3	**10/7/2009**	**17.7**	**TRUE**
MW-3	**3/29/2010**	**9**	**TRUE**
MW-3	4/2/2010	ND<0.5 U	FALSE
MW-3	**9/28/2010**	**15.3**	**TRUE**
MW-3	10/6/2010	ND<0.5 U	FALSE
MW-3	3/25/2011	ND<0.5 U	FALSE
MW-3	**4/4/2011**	**13.4**	**TRUE**
MW-3	10/5/2011	ND<0.5 U	FALSE
MW-3	**10/10/2011**	**14.7**	**TRUE**
MW-3	4/4/2012	ND<0.5 U	FALSE
MW-3	**4/10/2012**	**13.9**	**TRUE**
MW-3	10/3/2012	ND<0.5 U	FALSE
MW-3	**10/10/2012**	**11**	**TRUE**
MW-3	**4/1/2013**	**9.5**	**TRUE**
MW-3	4/10/2013	ND<0.095 U	FALSE
MW-3	10/9/2013	1.2	FALSE
MW-3	**10/14/2013**	**5.6**	**TRUE**

MW-4	9/21/1992	ND<2.5 U	FALSE
MW-4	7/18/1994	ND<2.5 U	FALSE
MW-4	12/14/1994	ND<2.5 U	FALSE
MW-4	10/15/1996	ND<2.5 U	FALSE
MW-4	5/13/1997	ND<0.5 U	FALSE
MW-4	11/20/1997	1 I	FALSE
MW-4	4/15/1998	ND<0.5 U	FALSE
MW-4	4/29/1998	2 I	FALSE
MW-4	11/9/1998	ND<0.5 U	FALSE
MW-4	11/16/1998	2 I	FALSE
MW-4	4/26/1999	ND<0.5 U	FALSE
MW-4	**5/6/1999**	**3 I**	**TRUE**
MW-4	11/1/1999	ND<0.5 U	FALSE
MW-4	**11/6/1999**	**5**	**TRUE**
MW-4	4/4/2000	ND<0.5 U	FALSE
MW-4	**4/12/2000**	**5**	**TRUE**
MW-4	**11/3/2000**	**6.4**	**TRUE**
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	**5/3/2001**	**6.1**	**TRUE**
MW-4	10/22/2001	ND<1 U	FALSE
MW-4	**10/25/2001**	**4.9**	**TRUE**
MW-4	4/29/2002	ND<0.5 U	FALSE
MW-4	**5/2/2002**	**5.3**	**TRUE**
MW-4	**10/31/2002**	**8.3**	**TRUE**
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	**4/3/2003**	**9**	**TRUE**
MW-4	9/30/2003	ND<0.5 U	FALSE
MW-4	**10/3/2003**	**9.4**	**TRUE**
MW-4	3/29/2004	ND<0.5 U	FALSE
MW-4	**4/2/2004**	**5.6**	**TRUE**

MW-4	9/27/2004	ND<0.5 U	FALSE
MW-4	**9/30/2004**	**11**	**TRUE**
MW-4	**3/30/2005**	**8.9**	**TRUE**
MW-4	4/11/2005	ND<0.5 U	FALSE
MW-4	9/26/2005	ND<0.5 U	FALSE
MW-4	**9/29/2005**	**8.3**	**TRUE**
MW-4	3/24/2006	ND<0.5 U	FALSE
MW-4	9/27/2006	ND<0.5 U	FALSE
MW-4	**9/29/2006**	**8.2**	**TRUE**
MW-4	3/27/2007	ND<0.5 U	FALSE
MW-4	**3/29/2007**	**9.1**	**TRUE**
MW-4	**9/26/2007**	**12.7**	**TRUE**
MW-4	9/28/2007	ND<0.5 U	FALSE
MW-4	3/26/2008	ND<0.095 U	FALSE
MW-4	**3/31/2008**	**11.8**	**TRUE**
MW-4	**9/23/2008**	**12.5**	**TRUE**
MW-4	9/29/2008	ND<0.5 U	FALSE
MW-4	3/26/2009	ND<0.5 U	FALSE
MW-4	**3/31/2009**	**15.3**	**TRUE**
MW-4	10/2/2009	ND<0.5 U	FALSE
MW-4	**10/7/2009**	**17.9**	**TRUE**
MW-4	**3/30/2010**	**16.7**	**TRUE**
MW-4	4/6/2010	ND<0.5 U	FALSE
MW-4	**9/28/2010**	**20.9**	**TRUE**
MW-4	10/7/2010	ND<0.5 U	FALSE
MW-4	3/29/2011	ND<0.5 U	FALSE
MW-4	**4/4/2011**	**17.5**	**TRUE**
MW-4	10/5/2011	ND<0.5 U	FALSE
MW-4	**10/10/2011**	**21.6**	**TRUE**
MW-4	4/5/2012	ND<0.5 U	FALSE
MW-4	**4/10/2012**	**22.7**	**TRUE**
MW-4	10/4/2012	ND<0.5 U	FALSE
MW-4	**10/10/2012**	**19.5**	**TRUE**
MW-4	**4/1/2013**	**18.7**	**TRUE**
MW-4	4/10/2013	ND<0.095 U	FALSE
MW-4	10/10/2013	ND<0.5 U	FALSE
MW-4	**10/14/2013**	**18.7**	**TRUE**

MW-5	9/21/1992	ND<2.5 U	FALSE
MW-5	7/15/1994	ND<2.5 U	FALSE
MW-5	10/21/1994	ND<2.5 U	FALSE
MW-5	12/14/1994	ND<2.5 U	FALSE
MW-5	3/16/1995	ND<2.5 U	FALSE
MW-5	6/22/1995	ND<2.5 U	FALSE
MW-5	10/4/1995	ND<2.5 U	FALSE
MW-5	10/16/1996	ND<2.5 U	FALSE
MW-5	5/13/1997	ND<0.5 U	FALSE
MW-5	11/20/1997	1 I	FALSE
MW-5	4/13/1998	ND<0.5 U	FALSE
MW-5	4/29/1998	1 I	FALSE
MW-5	11/11/1998	ND<0.5 U	FALSE
MW-5	11/16/1998	2 I	FALSE
MW-5	4/26/1999	ND<0.5 U	FALSE
MW-5	5/6/1999	2 I	FALSE
MW-5	11/2/1999	ND<0.5 U	FALSE
MW-5	11/6/1999	2 I	FALSE

MW-5	4/3/2000	ND<0.5 U	FALSE
MW-5	4/12/2000	2 I	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	ND<2.5 U	FALSE
MW-5	5/3/2001	ND<2.5 U	FALSE
MW-5	10/22/2001	ND<1 U	FALSE
MW-5	10/24/2001	ND<1 U	FALSE
MW-5	4/29/2002	ND<0.5 U	FALSE
MW-5	5/1/2002	ND<0.5 U	FALSE
MW-5	12/3/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<0.5 U	FALSE
MW-5	10/3/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	ND<0.5 U	FALSE
MW-5	4/2/2004	1.1	FALSE
MW-5	9/27/2004	ND<0.5 U	FALSE
MW-5	9/30/2004	ND<2.5 U	FALSE
MW-5	3/30/2005	2	FALSE
MW-5	4/12/2005	ND<0.5 U	FALSE
MW-5	9/26/2005	ND<0.5 U	FALSE
MW-5	**9/29/2005**	**2.8**	**TRUE**
MW-5	3/24/2006	ND<0.5 U	FALSE
MW-5	9/26/2006	ND<0.5 U	FALSE
MW-5	**9/29/2006**	**3.1**	**TRUE**
MW-5	3/27/2007	ND<0.5 U	FALSE
MW-5	**3/29/2007**	**3**	**TRUE**
MW-5	**9/26/2007**	**2.9**	**TRUE**
MW-5	9/27/2007	ND<0.5 U	FALSE
MW-5	3/26/2008	ND<0.095 U	FALSE
MW-5	**3/31/2008**	**3**	**TRUE**
MW-5	**9/23/2008**	**2.6**	**TRUE**
MW-5	9/30/2008	ND<0.5 U	FALSE
MW-5	3/26/2009	ND<0.5 U	FALSE
MW-5	**3/30/2009**	**2.8**	**TRUE**
MW-5	10/2/2009	ND<0.5 U	FALSE
MW-5	10/7/2009	2.1	FALSE
MW-5	3/30/2010	1.8	FALSE
MW-5	4/2/2010	ND<0.5 U	FALSE
MW-5	9/28/2010	2.1	FALSE
MW-5	10/6/2010	ND<0.5 U	FALSE
MW-5	3/25/2011	ND<0.5 U	FALSE
MW-5	4/4/2011	2	FALSE
MW-5	10/5/2011	ND<0.5 U	FALSE
MW-5	10/10/2011	1.8	FALSE
MW-5	4/5/2012	ND<0.5 U	FALSE
MW-5	4/10/2012	1.7	FALSE
MW-5	10/3/2012	ND<0.5 U	FALSE
MW-5	10/10/2012	1.6	FALSE
MW-5	4/1/2013	1.3	FALSE
MW-5	4/11/2013	ND<0.095 U	FALSE
MW-5	10/9/2013	ND<0.5 U	FALSE
MW-5	10/14/2013	1.1	FALSE

MW-6	9/21/1992	ND<2.5 U	FALSE
MW-6	7/15/1994	ND<2.5 U	FALSE

MW-6	10/21/1994	ND<2.5 U	FALSE
MW-6	12/14/1994	ND<2.5 U	FALSE
MW-6	3/16/1995	ND<2.5 U	FALSE
MW-6	6/22/1995	ND<2.5 U	FALSE
MW-6	10/4/1995	ND<2.5 U	FALSE
MW-6	10/15/1996	ND<2.5 U	FALSE
MW-6	11/20/1997	1 I	FALSE
MW-6	4/13/1998	ND<0.5 U	FALSE
MW-6	4/28/1998	1 I	FALSE
MW-6	11/11/1998	ND<0.5 U	FALSE
MW-6	11/16/1998	1 I	FALSE
MW-6	4/26/1999	ND<0.5 U	FALSE
MW-6	5/5/1999	1 I	FALSE
MW-6	11/2/1999	ND<0.5 U	FALSE
MW-6	11/5/1999	2 I	FALSE
MW-6	4/3/2000	ND<0.5 U	FALSE
MW-6	4/12/2000	2 I	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	ND<2.5 U	FALSE
MW-6	5/3/2001	ND<2.5 U	FALSE
MW-6	10/22/2001	ND<1 U	FALSE
MW-6	10/24/2001	ND<1 U	FALSE
MW-6	4/29/2002	ND<0.5 U	FALSE
MW-6	5/2/2002	ND<0.5 U	FALSE
MW-6	12/3/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	ND<0.5 U	FALSE
MW-6	10/2/2003	ND<2.5 U	FALSE
MW-6	3/30/2004	ND<0.5 U	FALSE
MW-6	4/2/2004	1.6	FALSE
MW-6	9/27/2004	ND<0.5 U	FALSE
MW-6	9/29/2004	ND<2.5 U	FALSE
MW-6	3/30/2005	1.9	FALSE
MW-6	4/12/2005	ND<0.5 U	FALSE
MW-6	9/26/2005	ND<0.5 U	FALSE
MW-6	9/30/2005	1.5	FALSE
MW-6	3/24/2006	ND<0.5 U	FALSE
MW-6	9/26/2006	ND<0.5 U	FALSE
MW-6	9/29/2006	ND<0.5 U	FALSE
MW-6	3/27/2007	ND<0.5 U	FALSE
MW-6	3/29/2007	ND<0.5 U	FALSE
MW-6	9/27/2007	ND<0.5 U	FALSE
MW-6	3/26/2008	ND<0.095 U	FALSE
MW-6	4/1/2008	ND<0.095 U	FALSE
MW-6	9/23/2008	1.2	FALSE
MW-6	9/30/2008	ND<0.5 U	FALSE
MW-6	3/26/2009	ND<0.5 U	FALSE
MW-6	3/31/2009	1.5	FALSE
MW-6	10/2/2009	ND<0.5 U	FALSE
MW-6	10/7/2009	1.2	FALSE
MW-6	3/30/2010	1.6	FALSE
MW-6	4/2/2010	ND<0.5 U	FALSE
MW-6	10/6/2010	ND<0.5 U	FALSE
MW-6	10/22/2010	ND<0.5 U	FALSE
MW-6	3/25/2011	ND<0.5 U	FALSE
MW-6	4/7/2011	ND<0.5 U	FALSE

MW-6	10/5/2011	ND<0.5 U	FALSE
MW-6	10/11/2011	1.2	FALSE
MW-6	4/4/2012	ND<0.5 U	FALSE
MW-6	4/10/2012	1.4	FALSE
MW-6	10/3/2012	ND<0.5 U	FALSE
MW-6	10/11/2012	1.3	FALSE
MW-6	4/1/2013	1.1	FALSE
MW-6	4/9/2013	ND<0.095 U	FALSE
MW-6	10/9/2013	ND<0.5 U	FALSE
MW-6	10/15/2013	1.1	FALSE

MW-2	9/22/1992	ND<2.5 U	FALSE
MW-2	4/13/1993	ND<2.5 U	FALSE
MW-2	7/19/1994	ND<2.5 U	FALSE
MW-2	10/25/1994	ND<2.5 U	FALSE
MW-2	12/16/1994	ND<2.5 U	FALSE
MW-2	3/16/1995	ND<2.5 U	FALSE
MW-2	6/23/1995	ND<2.5 U	FALSE
MW-2	10/4/1995	ND<2.5 U	FALSE
MW-2	10/10/1996	ND<2.5 U	FALSE
MW-2	5/14/1997	ND<0.5 U	FALSE
MW-2	11/17/1997	ND<0.5 U	FALSE
MW-2	4/15/1998	ND<0.5 U	FALSE
MW-2	4/28/1998	ND<0.5 U	FALSE
MW-2	11/11/1998	ND<0.5 U	FALSE
MW-2	11/16/1998	ND<0.5 U	FALSE
MW-2	4/27/1999	ND<0.5 U	FALSE
MW-2	5/6/1999	ND<0.5 U	FALSE
MW-2	11/2/1999	ND<0.5 U	FALSE
MW-2	11/6/1999	ND<0.5 U	FALSE
MW-2	4/4/2000	ND<0.5 U	FALSE
MW-2	4/12/2000	ND<0.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	5/2/2001	ND<2.5 U	FALSE
MW-2	10/22/2001	ND<1 U	FALSE
MW-2	10/24/2001	ND<1 U	FALSE
MW-2	4/29/2002	ND<0.5 U	FALSE
MW-2	5/2/2002	ND<0.5 U	FALSE
MW-2	10/30/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	ND<2.5 U	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	ND<0.5 U	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	ND<0.5 U	FALSE
MW-2	4/2/2004	ND<0.5 U	FALSE
MW-2	9/27/2004	ND<0.5 U	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	ND<0.5 U	FALSE
MW-2	4/11/2005	ND<0.5 U	FALSE
MW-2	9/26/2005	ND<0.5 U	FALSE
MW-2	9/30/2005	ND<0.5 U	FALSE
MW-2	3/23/2006	ND<0.5 U	FALSE
MW-2	9/28/2006	ND<0.5 U	FALSE
MW-2	9/29/2006	ND<0.5 U	FALSE
MW-2	3/27/2007	ND<0.5 U	FALSE

MW-2	3/30/2007	ND<0.5 U	FALSE
MW-2	9/27/2007	ND<0.5 U	FALSE
MW-2	9/28/2007	ND<0.5 U	FALSE
MW-2	3/26/2008	ND<0.095 U	FALSE
MW-2	9/23/2008	ND<0.5 U	FALSE
MW-2	9/29/2008	ND<0.5 U	FALSE
MW-2	3/26/2009	ND<0.5 U	FALSE
MW-2	3/31/2009	ND<0.5 U	FALSE
MW-2	10/1/2009	ND<0.5 U	FALSE
MW-2	10/7/2009	ND<0.5 U	FALSE
MW-2	3/29/2010	ND<0.5 U	FALSE
MW-2	4/6/2010	ND<0.5 U	FALSE
MW-2	9/27/2010	ND<0.5 U	FALSE
MW-2	10/8/2010	ND<0.5 U	FALSE
MW-2	3/25/2011	ND<0.5 U	FALSE
MW-2	4/5/2011	ND<0.5 U	FALSE
MW-2	10/5/2011	ND<0.5 U	FALSE
MW-2	10/10/2011	ND<0.5 U	FALSE
MW-2	4/4/2012	ND<0.5 U	FALSE
MW-2	4/10/2012	ND<0.5 U	FALSE
MW-2	10/5/2012	ND<0.5 U	FALSE
MW-2	10/11/2012	ND<0.5 U	FALSE
MW-2	4/1/2013	ND<0.095 U	FALSE
MW-2	4/10/2013	ND<0.095 U	FALSE
MW-2	10/11/2013	ND<0.5 U	FALSE
MW-2	10/15/2013	ND<0.5 U	FALSE

MW-7	4/8/1993	ND<2.5 U	FALSE
MW-7	7/14/1994	ND<2.5 U	FALSE
MW-7	12/14/1994	ND<2.5 U	FALSE
MW-7	3/16/1995	ND<2.5 U	FALSE
MW-7	10/11/1996	ND<2.5 U	FALSE
MW-7	5/12/1997	ND<0.5 U	FALSE
MW-7	11/17/1997	ND<0.5 U	FALSE
MW-7	4/13/1998	ND<0.5 U	FALSE
MW-7	4/28/1998	ND<0.5 U	FALSE
MW-7	11/11/1998	ND<0.5 U	FALSE
MW-7	4/26/1999	ND<0.5 U	FALSE
MW-7	5/5/1999	ND<0.5 U	FALSE
MW-7	11/2/1999	ND<0.5 U	FALSE
MW-7	11/6/1999	1 I	FALSE
MW-7	4/3/2000	ND<0.5 U	FALSE
MW-7	4/13/2000	1 I	FALSE
MW-7	11/6/2000	ND<2.5 U	FALSE
MW-7	10/22/2001	ND<1 U	FALSE
MW-7	4/29/2002	ND<0.5 U	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	ND<0.5 U	FALSE
MW-7	3/30/2004	ND<0.5 U	FALSE
MW-7	9/27/2004	ND<0.5 U	FALSE
MW-7	4/12/2005	ND<0.5 U	FALSE
MW-7	9/26/2005	ND<0.5 U	FALSE
MW-7	**9/30/2005**	**2.6**	**TRUE**
MW-7	3/24/2006	ND<0.5 U	FALSE
MW-7	9/26/2006	ND<0.5 U	FALSE
MW-7	**9/29/2006**	**4.7**	**TRUE**

MW-7	3/27/2007	ND<0.5 U	FALSE
MW-7	**3/29/2007**	**6**	**TRUE**
MW-7	**9/26/2007**	**10.3**	**TRUE**
MW-7	9/27/2007	ND<0.5 U	FALSE
MW-7	3/26/2008	ND<0.095 U	FALSE
MW-7	9/26/2008	ND<0.5 U	FALSE
MW-7	3/26/2009	ND<0.5 U	FALSE
MW-7	10/1/2009	ND<0.5 U	FALSE
MW-7	4/2/2010	ND<0.5 U	FALSE
MW-7	10/6/2010	ND<0.5 U	FALSE
MW-7	3/25/2011	ND<0.5 U	FALSE
MW-7	10/5/2011	ND<0.5 U	FALSE
MW-7	4/4/2012	ND<0.5 U	FALSE
MW-7	10/3/2012	ND<0.5 U	FALSE
MW-7	**4/1/2013**	**14.7**	**TRUE**
MW-7	4/9/2013	ND<0.095 U	FALSE
MW-7	10/9/2013	ND<0.5 U	FALSE

MW-8	4/8/1993	ND<2.5 U	FALSE
MW-8	7/14/1994	ND<2.5 U	FALSE
MW-8	12/15/1994	ND<2.5 U	FALSE
MW-8	10/15/1996	ND<2.5 U	FALSE
MW-8	5/12/1997	ND<0.5 U	FALSE
MW-8	11/19/1997	ND<0.5 U	FALSE
MW-8	4/17/1998	ND<0.5 U	FALSE
MW-8	4/28/1998	ND<0.5 U	FALSE
MW-8	11/10/1998	ND<0.5 U	FALSE
MW-8	11/11/1998	ND<0.5 U	FALSE
MW-8	4/26/1999	ND<0.5 U	FALSE
MW-8	5/5/1999	ND<0.5 U	FALSE
MW-8	11/1/1999	ND<0.5 U	FALSE
MW-8	11/6/1999	ND<0.5 U	FALSE
MW-8	4/3/2000	ND<0.5 U	FALSE
MW-8	4/13/2000	ND<0.5 U	FALSE
MW-8	11/1/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	5/2/2001	ND<2.5 U	FALSE
MW-8	10/22/2001	ND<1 U	FALSE
MW-8	10/24/2001	ND<1 U	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	ND<0.5 U	FALSE
MW-8	5/2/2002	ND<0.5 U	FALSE
MW-8	10/31/2002	ND<2.5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<0.5 U	FALSE
MW-8	10/2/2003	ND<0.5 U	FALSE
MW-8	3/30/2004	ND<0.5 U	FALSE
MW-8	4/1/2004	ND<0.5 U	FALSE
MW-8	9/27/2004	ND<0.5 U	FALSE
MW-8	9/29/2004	ND<0.5 U	FALSE
MW-8	3/29/2005	ND<0.5 U	FALSE
MW-8	4/12/2005	ND<0.5 U	FALSE
MW-8	9/27/2005	ND<0.5 U	FALSE
MW-8	3/23/2006	ND<0.5 U	FALSE
MW-8	9/26/2006	ND<0.5 U	FALSE

MW-8	3/27/2007	ND<0.5 U	FALSE
MW-8	9/28/2007	ND<0.5 U	FALSE
MW-8	3/27/2008	ND<0.095 U	FALSE
MW-8	9/29/2008	ND<0.5 U	FALSE
MW-8	3/25/2009	ND<0.5 U	FALSE
MW-8	10/5/2009	ND<0.5 U	FALSE
MW-8	4/6/2010	ND<0.5 U	FALSE
MW-8	10/8/2010	ND<0.5 U	FALSE
MW-8	3/29/2011	ND<0.5 U	FALSE
MW-8	10/6/2011	ND<0.5 U	FALSE
MW-8	4/6/2012	ND<0.5 U	FALSE
MW-8	10/5/2012	ND<0.5 U	FALSE
MW-8	4/9/2013	ND<0.095 U	FALSE
MW-8	10/11/2013	ND<0.5 U	FALSE

MW-10	7/14/1994	ND<2.5 U	FALSE
MW-10	12/14/1994	ND<2.5 U	FALSE
MW-10	10/15/1996	ND<2.5 U	FALSE
MW-10	11/19/1997	ND<0.5 U	FALSE
MW-10	4/29/1998	ND<0.5 U	FALSE
MW-10	11/11/1998	ND<0.5 U	FALSE
MW-10	5/5/1999	ND<0.5 U	FALSE
MW-10	11/6/1999	ND<0.5 U	FALSE
MW-10	4/13/2000	ND<0.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	ND<2.5 U	FALSE
MW-10	10/24/2001	ND<1 U	FALSE
MW-10	4/30/2002	ND<0.5 U	FALSE
MW-10	5/2/2002	ND<0.5 U	FALSE
MW-10	3/25/2003	ND<2.5 U	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	ND<0.5 U	FALSE
MW-10	10/2/2003	ND<0.5 U	FALSE
MW-10	3/30/2004	ND<0.5 U	FALSE
MW-10	4/1/2004	ND<0.5 U	FALSE
MW-10	9/27/2004	ND<0.5 U	FALSE
MW-10	9/29/2004	ND<0.5 U	FALSE
MW-10	3/29/2005	ND<0.5 U	FALSE
MW-10	4/12/2005	ND<0.5 U	FALSE
MW-10	9/27/2005	ND<0.5 U	FALSE
MW-10	3/23/2006	ND<0.5 U	FALSE
MW-10	9/26/2006	ND<0.5 U	FALSE
MW-10	3/27/2007	ND<0.5 U	FALSE
MW-10	9/27/2007	ND<0.5 U	FALSE
MW-10	3/26/2008	ND<0.095 U	FALSE
MW-10	9/26/2008	ND<0.5 U	FALSE
MW-10	3/26/2009	ND<0.5 U	FALSE
MW-10	10/1/2009	ND<0.5 U	FALSE
MW-10	4/2/2010	ND<0.5 U	FALSE
MW-10	10/7/2010	ND<0.5 U	FALSE
MW-10	3/29/2011	ND<0.5 U	FALSE
MW-10	10/5/2011	ND<0.5 U	FALSE
MW-10	4/4/2012	ND<0.5 U	FALSE
MW-10	10/3/2012	ND<0.5 U	FALSE
MW-10	4/11/2013	ND<0.095 U	FALSE
MW-10	10/9/2013	ND<0.5 U	FALSE

MW-14	7/18/1994	ND<2.5 U	FALSE
MW-14	12/14/1994	ND<2.5 U	FALSE
MW-14	10/11/1996	ND<2.5 U	FALSE
MW-14	5/12/1997	ND<0.5 U	FALSE
MW-14	11/18/1997	ND<0.5 U	FALSE
MW-14	4/28/1998	ND<0.5 U	FALSE
MW-14	11/12/1998	ND<0.5 U	FALSE
MW-14	5/5/1999	ND<0.5 U	FALSE
MW-14	11/3/1999	ND<0.5 U	FALSE
MW-14	4/6/2000	ND<0.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<1 U	FALSE
MW-14	4/30/2002	ND<0.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<0.5 U	FALSE
MW-14	3/31/2004	ND<0.5 U	FALSE
MW-14	9/29/2004	ND<0.5 U	FALSE
MW-14	3/25/2005	ND<0.5 U	FALSE
MW-14	9/27/2006	ND<0.5 U	FALSE
MW-14	3/27/2007	ND<0.5 U	FALSE
MW-14	9/28/2007	ND<0.5 U	FALSE
MW-14	3/27/2008	ND<0.095 U	FALSE
MW-14	9/30/2008	ND<0.5 U	FALSE
MW-14	3/26/2009	ND<0.5 U	FALSE
MW-14	10/2/2009	ND<0.5 U	FALSE
MW-14	4/6/2010	ND<0.5 U	FALSE
MW-14	10/7/2010	ND<0.5 U	FALSE
MW-14	3/29/2011	ND<0.5 U	FALSE
MW-14	10/6/2011	ND<0.5 U	FALSE
MW-14	4/5/2012	ND<0.5 U	FALSE
MW-14	10/5/2012	ND<0.5 U	FALSE
MW-14	4/11/2013	ND<0.095 U	FALSE
MW-14	10/11/2013	ND<0.5 U	FALSE

MW-11	4/29/2002	ND<0.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<0.5 U	FALSE
MW-11	3/30/2004	ND<0.5 U	FALSE
MW-11	9/27/2004	ND<0.5 U	FALSE
MW-11	4/12/2005	ND<0.5 U	FALSE
MW-11	9/26/2005	ND<0.5 U	FALSE
MW-11	3/23/2006	ND<0.5 U	FALSE
MW-11	9/26/2006	ND<0.5 U	FALSE
MW-11	3/27/2007	ND<0.5 U	FALSE
MW-11	9/27/2007	ND<0.5 U	FALSE
MW-11	3/27/2008	ND<0.095 U	FALSE
MW-11	9/30/2008	ND<0.5 U	FALSE
MW-11	3/26/2009	ND<0.5 U	FALSE
MW-11	10/5/2009	ND<0.5 U	FALSE
MW-11	4/6/2010	ND<0.5 U	FALSE
MW-11	10/8/2010	ND<0.5 U	FALSE
MW-11	3/29/2011	ND<0.5 U	FALSE

MW-11	10/5/2011	ND<0.5 U	FALSE
MW-11	4/6/2012	ND<0.5 U	FALSE
MW-11	10/5/2012	ND<0.5 U	FALSE
MW-11	4/9/2013	ND<0.095 U	FALSE
MW-11	10/9/2013	ND<0.5 U	FALSE
MW-12	3/25/2003	ND<2.5 U	FALSE
MW-12	9/30/2003	ND<0.5 U	FALSE
MW-12	3/30/2004	ND<0.5 U	FALSE
MW-12	9/27/2004	ND<0.5 U	FALSE
MW-12	4/11/2005	ND<0.5 U	FALSE
MW-12	9/27/2005	ND<0.5 U	FALSE
MW-12	3/27/2006	ND<0.5 U	FALSE
MW-12	9/27/2006	ND<0.5 U	FALSE
MW-12	3/27/2007	ND<0.5 U	FALSE
MW-12	9/28/2007	ND<0.5 U	FALSE
MW-12	3/27/2008	ND<0.095 U	FALSE
MW-12	9/30/2008	ND<0.5 U	FALSE
MW-12	3/26/2009	ND<0.5 U	FALSE
MW-12	10/2/2009	ND<0.5 U	FALSE
MW-12	4/6/2010	ND<0.5 U	FALSE
MW-12	10/7/2010	ND<0.5 U	FALSE
MW-12	3/29/2011	ND<0.5 U	FALSE
MW-12	10/6/2011	ND<0.5 U	FALSE
MW-12	4/5/2012	ND<0.5 U	FALSE
MW-12	10/5/2012	ND<0.5 U	FALSE
MW-12	4/11/2013	ND<0.095 U	FALSE
MW-12	10/10/2013	ND<0.5 U	FALSE
MW-13	9/27/2005	ND<0.5 U	FALSE
MW-13	3/27/2006	ND<0.5 U	FALSE
MW-13	9/28/2006	ND<0.5 U	FALSE
MW-13	3/27/2007	ND<0.5 U	FALSE
MW-13	9/28/2007	ND<0.5 U	FALSE
MW-13	3/27/2008	ND<0.095 U	FALSE
MW-13	9/29/2008	ND<0.5 U	FALSE
MW-13	3/26/2009	ND<0.5 U	FALSE
MW-13	10/2/2009	ND<0.5 U	FALSE
MW-13	4/2/2010	ND<0.5 U	FALSE
MW-13	10/7/2010	ND<0.5 U	FALSE
MW-13	3/25/2011	ND<0.5 U	FALSE
MW-13	10/6/2011	ND<0.5 U	FALSE
MW-13	4/5/2012	ND<0.5 U	FALSE
MW-13	10/4/2012	ND<0.5 U	FALSE
MW-13	4/9/2013	ND<0.095 U	FALSE
MW-13	10/9/2013	ND<0.5 U	FALSE
MW-15S	10/10/2013	ND<0.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 81.5385%
Background measurements (n) = 28
Maximum Background Concentration = 126
Minimum Coverage = 89.9%
Average Coverage = 96.5517%

Location	Date	Value	Significant
MW-5D	4/13/1998	ND<2.5 U	FALSE
MW-5D	11/11/1998	ND<2.5 U	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<2.5 U	FALSE
MW-5D	4/29/2002	ND<2.5 U	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE
MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/24/2006	ND<2.5 U	FALSE
MW-5D	9/26/2006	ND<2.5 U	FALSE
MW-5D	3/27/2007	ND<5 U	FALSE
MW-5D	9/27/2007	ND<2.5 U	FALSE
MW-5D	3/26/2008	ND<0.3 U	FALSE
MW-5D	9/30/2008	6.6	FALSE
MW-5D	3/26/2009	7.1	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1 U	FALSE
MW-5D	10/9/2013	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	ND<2.5 U	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	5.8	FALSE
MW-2D	10/28/2002	ND<2.5 U	FALSE

MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	ND<2.5 U	FALSE
MW-2D	3/29/2004	ND<2.5 U	FALSE
MW-2D	9/27/2004	ND<2.5 U	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/23/2006	ND<2.5 U	FALSE
MW-2D	9/28/2006	ND<2.5 U	FALSE
MW-2D	3/27/2007	ND<5 U	FALSE
MW-2D	9/28/2007	4.2 J	FALSE
MW-2D	3/26/2008	ND<0.3 U	FALSE
MW-2D	9/29/2008	5	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1 U	FALSE
MW-2D	10/11/2013	ND<2.5 U	FALSE

MW-4D	4/15/1998	ND<2.5 U	FALSE
MW-4D	11/9/1998	ND<2.5 U	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	ND<2.5 U	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	ND<2.5 U	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	9.3	FALSE
MW-4D	4/29/2002	6.6	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<2.5 U	FALSE
MW-4D	3/29/2004	ND<2.5 U	FALSE
MW-4D	9/27/2004	ND<2.5 U	FALSE
MW-4D	4/11/2005	ND<2.5 U	FALSE
MW-4D	9/26/2005	ND<2.5 U	FALSE
MW-4D	3/24/2006	ND<2.5 U	FALSE
MW-4D	9/27/2006	ND<2.5 U	FALSE
MW-4D	3/27/2007	0.64 J	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.3 U	FALSE
MW-4D	9/29/2008	5.4	FALSE
MW-4D	3/26/2009	ND<2.5 U	FALSE
MW-4D	10/2/2009	ND<2.5 U	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	6.6	FALSE
MW-4D	10/10/2013	ND<2.5 U	FALSE

MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	ND<2.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	ND<2.5 U	FALSE
MW-8D	4/29/2002	ND<2.5 U	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/23/2006	ND<2.5 U	FALSE
MW-8D	9/26/2006	ND<2.5 U	FALSE
MW-8D	3/27/2007	ND<5 U	FALSE
MW-8D	9/28/2007	3.5 J	FALSE
MW-8D	3/27/2008	ND<0.3 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1 U	FALSE
MW-8D	10/11/2013	ND<2.5 U	FALSE

MW-11D	4/29/2002	8.4	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/23/2006	ND<2.5 U	FALSE
MW-11D	9/26/2006	ND<2.5 U	FALSE
MW-11D	3/27/2007	ND<5 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.3 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE

MW-11D	4/9/2013	ND<1 U	FALSE
MW-11D	10/9/2013	ND<2.5 U	FALSE

MW-10D	4/30/2002	59	FALSE
MW-10D	10/29/2002	8.4	FALSE
MW-10D	3/25/2003	9	FALSE
MW-10D	9/30/2003	ND<2.5 U	FALSE
MW-10D	3/30/2004	ND<2.5 U	FALSE
MW-10D	9/27/2004	ND<2.5 U	FALSE
MW-10D	4/12/2005	5.9	FALSE
MW-10D	9/27/2005	19	FALSE
MW-10D	3/23/2006	ND<2.5 U	FALSE
MW-10D	9/27/2006	ND<2.5 U	FALSE
MW-10D	3/27/2007	ND<5 U	FALSE
MW-10D	9/27/2007	3.6 J	FALSE
MW-10D	3/26/2008	ND<0.3 U	FALSE
MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-10D	10/3/2012	ND<2.5 U	FALSE
MW-10D	4/11/2013	ND<1 U	FALSE
MW-10D	10/9/2013	ND<2.5 U	FALSE

MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	81	FALSE
MW-12D	9/30/2003	ND<2.5 U	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	22	FALSE
MW-12D	4/11/2005	15	FALSE
MW-12D	9/27/2005	ND<2.5 U	FALSE
MW-12D	3/27/2006	ND<2.5 U	FALSE
MW-12D	9/27/2006	7.8	FALSE
MW-12D	3/27/2007	1.1 J	FALSE
MW-12D	9/28/2007	28.8	FALSE
MW-12D	3/27/2008	ND<0.3 U	FALSE
MW-12D	9/30/2008	5.7	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-12D	10/10/2013	ND<2.5 U	FALSE

MW-13D	9/27/2005	12	FALSE
MW-13D	3/27/2006	17	FALSE

MW-13D	9/28/2006	11	FALSE
MW-13D	3/27/2007	ND<5 U	FALSE
MW-13D	9/28/2007	8.6	FALSE
MW-13D	3/27/2008	10	FALSE
MW-13D	9/29/2008	15.2	FALSE
MW-13D	3/26/2009	17.5	FALSE
MW-13D	10/2/2009	16	FALSE
MW-13D	4/2/2010	18.3	FALSE
MW-13D	10/7/2010	17.8	FALSE
MW-13D	3/25/2011	21.9	FALSE
MW-13D	10/6/2011	22.7	FALSE
MW-13D	4/5/2012	22.2	FALSE
MW-13D	10/4/2012	20.8	FALSE
MW-13D	4/9/2013	24.5	FALSE
MW-13D	10/9/2013	28.2	FALSE
MW-14D	9/27/2006	ND<2.5 U	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.3 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE
MW-14D	10/11/2013	ND<2.5 U	FALSE
MW-15D	10/10/2013	ND<2.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 55.2%
Background measurements (n) = 32
Maximum Background Concentration = 37
Minimum Coverage = 91.1%
Average Coverage = 96.9697%

Location	Date	Value	Significant
MW-10	7/14/1994	ND<10 U	FALSE
MW-10	12/14/1994	ND<10 U	FALSE
MW-10	5/7/1997	ND<5 U	FALSE
MW-10	11/19/1997	ND<2.5 U	FALSE
MW-10	4/29/1998	ND<2.5 U	FALSE
MW-10	11/11/1998	ND<2.5 U	FALSE
MW-10	5/5/1999	ND<2.5 U	FALSE
MW-10	10/11/1999	ND<5 U	FALSE
MW-10	11/6/1999	ND<2.5 U	FALSE
MW-10	4/13/2000	ND<2.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	30	FALSE
MW-10	10/24/2001	ND<2.5 U	FALSE
MW-10	4/30/2002	5.1	FALSE
MW-10	5/2/2002	11	FALSE
MW-10	10/29/2002	17	FALSE
MW-10	3/25/2003	14	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	5.4	FALSE
MW-10	10/2/2003	ND<2.5 U	FALSE
MW-10	3/30/2004	ND<2.5 U	FALSE
MW-10	4/1/2004	ND<2.5 U	FALSE
MW-10	9/27/2004	8.5	FALSE
MW-10	9/29/2004	ND<2.5 U	FALSE
MW-10	3/29/2005	ND<2.5 U	FALSE
MW-10	4/12/2005	17	FALSE
MW-10	9/27/2005	5.3	FALSE
MW-10	3/23/2006	5.8	FALSE
MW-10	9/26/2006	ND<2.5 U	FALSE
MW-10	3/27/2007	ND<5 U	FALSE
MW-10	9/27/2007	ND<2.5 U	FALSE
MW-10	3/26/2008	ND<0.3 U	FALSE
MW-10	9/26/2008	ND<2.5 U	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	ND<2.5 U	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10	10/3/2012	ND<2.5 U	FALSE
MW-10	4/11/2013	ND<1 U	FALSE
MW-10	10/9/2013	ND<2.5 U	FALSE

MW-7	7/14/1994	ND<10 U	FALSE
MW-7	12/14/1994	ND<10 U	FALSE
MW-7	3/16/1995	15	FALSE
MW-7	5/12/1997	18	FALSE
MW-7	11/17/1997	6 I	FALSE
MW-7	4/13/1998	29	FALSE
MW-7	4/28/1998	14 I	FALSE
MW-7	11/11/1998	8 I	FALSE
MW-7	4/26/1999	ND<2.5 U	FALSE
MW-7	5/5/1999	6 I	FALSE
MW-7	10/11/1999	ND<5 U	FALSE
MW-7	11/2/1999	ND<2.5 U	FALSE
MW-7	11/6/1999	ND<2.5 U	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	4/13/2000	6 I	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**	**TRUE**
MW-7	10/28/2002	17	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	32	FALSE
MW-7	3/30/2004	6.4	FALSE
MW-7	9/27/2004	12	FALSE
MW-7	**4/12/2005**	**96**	**TRUE**
MW-7	9/26/2005	13	FALSE
MW-7	**9/30/2005**	**30000**	**TRUE**
MW-7	3/24/2006	ND<2.5 U	FALSE
MW-7	9/26/2006	ND<2.5 U	FALSE
MW-7	9/29/2006	29	FALSE
MW-7	3/27/2007	3.7 J	FALSE
MW-7	3/29/2007	25	FALSE
MW-7	9/26/2007	10.6	FALSE
MW-7	9/27/2007	ND<2.5 U	FALSE
MW-7	3/26/2008	ND<0.3 U	FALSE
MW-7	9/26/2008	ND<2.5 U	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	ND<2.5 U	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE
MW-7	10/3/2012	ND<2.5 U	FALSE
MW-7	4/1/2013	26.4	FALSE
MW-7	4/9/2013	ND<1 U	FALSE
MW-7	10/9/2013	ND<2.5 U	FALSE

MW-8	7/14/1994	ND<10 U	FALSE
MW-8	12/15/1994	ND<10 U	FALSE
MW-8	5/12/1997	ND<5 U	FALSE
MW-8	11/19/1997	ND<2.5 U	FALSE
MW-8	4/17/1998	8 I	FALSE
MW-8	4/28/1998	ND<2.5 U	FALSE
MW-8	11/10/1998	23	FALSE

MW-8	11/11/1998	ND<2.5 U	FALSE
MW-8	4/26/1999	ND<2.5 U	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<5 U	FALSE
MW-8	11/1/1999	ND<2.5 U	FALSE
MW-8	11/6/1999	8 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	4/13/2000	ND<2.5 U	FALSE
MW-8	11/1/2000	21	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	4/30/2001	9.7	FALSE
MW-8	5/2/2001	12	FALSE
MW-8	10/22/2001	37	FALSE
MW-8	**10/24/2001**	**70**	**TRUE**
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	17	FALSE
MW-8	**5/2/2002**	**120**	**TRUE**
MW-8	10/28/2002	ND<2.5 U	FALSE
MW-8	10/31/2002	24	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	23	FALSE
MW-8	9/30/2003	ND<2.5 U	FALSE
MW-8	10/2/2003	14	FALSE
MW-8	3/30/2004	ND<2.5 U	FALSE
MW-8	4/1/2004	16	FALSE
MW-8	9/27/2004	ND<2.5 U	FALSE
MW-8	9/29/2004	ND<2.5 U	FALSE
MW-8	3/29/2005	7.6	FALSE
MW-8	4/12/2005	ND<2.5 U	FALSE
MW-8	9/27/2005	ND<2.5 U	FALSE
MW-8	3/23/2006	ND<2.5 U	FALSE
MW-8	9/26/2006	ND<2.5 U	FALSE
MW-8	3/27/2007	ND<5 U	FALSE
MW-8	9/28/2007	2.6 J	FALSE
MW-8	3/27/2008	ND<0.3 U	FALSE
MW-8	9/29/2008	ND<2.5 U	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	ND<2.5 U	FALSE
MW-8	4/6/2010	ND<2.5 U	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8	10/5/2012	ND<2.5 U	FALSE
MW-8	4/9/2013	ND<1 U	FALSE
MW-8	10/11/2013	5.3	FALSE

MW-5	**7/15/1994**	**94**	**TRUE**
MW-5	**10/21/1994**	**88**	**TRUE**
MW-5	**12/14/1994**	**91**	**TRUE**
MW-5	**3/16/1995**	**79**	**TRUE**
MW-5	**6/22/1995**	**76**	**TRUE**
MW-5	**10/4/1995**	**42**	**TRUE**
MW-5	5/13/1997	ND<5 U	FALSE
MW-5	11/20/1997	7 I	FALSE
MW-5	**4/13/1998**	**46**	**TRUE**

MW-5	4/29/1998	ND<2.5 U	FALSE
MW-5	11/11/1998	25	FALSE
MW-5	11/16/1998	ND<2.5 U	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	5/6/1999	ND<2.5 U	FALSE
MW-5	10/11/1999	ND<5 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	11/6/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE
MW-5	4/12/2000	ND<2.5 U	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	28	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	5/3/2001	15	FALSE
MW-5	10/22/2001	ND<2.5 U	FALSE
MW-5	10/24/2001	11	FALSE
MW-5	4/29/2002	18	FALSE
MW-5	5/1/2002	12	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	10/31/2002	11	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	8.8	FALSE
MW-5	9/29/2003	ND<2.5 U	FALSE
MW-5	10/3/2003	6	FALSE
MW-5	3/30/2004	ND<2.5 U	FALSE
MW-5	4/2/2004	5.6	FALSE
MW-5	9/27/2004	ND<2.5 U	FALSE
MW-5	9/30/2004	5	FALSE
MW-5	3/30/2005	6.4	FALSE
MW-5	4/12/2005	ND<2.5 U	FALSE
MW-5	9/26/2005	ND<2.5 U	FALSE
MW-5	**9/29/2005**	**5700**	**TRUE**
MW-5	3/24/2006	ND<2.5 U	FALSE
MW-5	9/26/2006	ND<2.5 U	FALSE
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	3/27/2007	ND<5 U	FALSE
MW-5	3/29/2007	ND<5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/27/2007	0.9 J	FALSE
MW-5	3/26/2008	ND<0.3 U	FALSE
MW-5	3/31/2008	ND<0.3 U	FALSE
MW-5	9/23/2008	ND<2.5 U	FALSE
MW-5	9/30/2008	5.7	FALSE
MW-5	3/26/2009	ND<2.5 U	FALSE
MW-5	3/30/2009	16.2	FALSE
MW-5	10/2/2009	ND<2.5 U	FALSE
MW-5	10/7/2009	6.6	FALSE
MW-5	3/30/2010	21.7	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	29.6	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	4/4/2011	7.6	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	14.8	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	10.3	FALSE

MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	8.9	FALSE
MW-5	4/1/2013	34.9	FALSE
MW-5	4/11/2013	ND<1 U	FALSE
MW-5	10/9/2013	ND<2.5 U	FALSE
MW-5	**10/14/2013**	**51**	**TRUE**

MW-6	7/15/1994	ND<10 U	FALSE
MW-6	10/21/1994	ND<5 U	FALSE
MW-6	12/14/1994	ND<10 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	6/22/1995	ND<5 U	FALSE
MW-6	10/4/1995	ND<5 U	FALSE
MW-6	5/7/1997	ND<5 U	FALSE
MW-6	11/20/1997	ND<2.5 U	FALSE
MW-6	4/13/1998	20 I	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	26	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	4/26/1999	10 I	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	ND<5 U	FALSE
MW-6	11/2/1999	7 I	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	8 I	FALSE
MW-6	4/12/2000	ND<2.5 U	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	**11/6/2000**	**89**	**TRUE**
MW-6	4/30/2001	32	FALSE
MW-6	5/3/2001	ND<2.5 U	FALSE
MW-6	**10/22/2001**	**190**	**TRUE**
MW-6	10/24/2001	ND<2.5 U	FALSE
MW-6	**4/29/2002**	**100**	**TRUE**
MW-6	5/2/2002	ND<2.5 U	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	**9/29/2003**	**100**	**TRUE**
MW-6	10/2/2003	ND<2.5 U	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	4/2/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	15	FALSE
MW-6	9/29/2004	ND<2.5 U	FALSE
MW-6	3/30/2005	ND<2.5 U	FALSE
MW-6	**4/12/2005**	**110**	**TRUE**
MW-6	9/26/2005	21	FALSE
MW-6	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-6	3/24/2006	21	FALSE
MW-6	9/26/2006	23	FALSE
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	3/27/2007	1.1 J	FALSE
MW-6	3/29/2007	ND<5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	ND<0.3 U	FALSE
MW-6	4/1/2008	ND<0.3 U	FALSE

MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	6.3	FALSE
MW-6	3/26/2009	7	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	21	FALSE
MW-6	4/2/2010	12	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	17.4	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	**4/1/2013**	**46.9**	**TRUE**
MW-6	4/9/2013	ND<1 U	FALSE
MW-6	10/9/2013	ND<2.5 U	FALSE
MW-6	10/15/2013	24.4	FALSE

MW-14	7/18/1994	ND<10 U	FALSE
MW-14	12/14/1994	ND<10 U	FALSE
MW-14	5/12/1997	ND<5 U	FALSE
MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	ND<2.5 U	FALSE
MW-14	10/11/1999	ND<5 U	FALSE
MW-14	11/3/1999	ND<2.5 U	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<2.5 U	FALSE
MW-14	3/31/2004	ND<2.5 U	FALSE
MW-14	9/29/2004	ND<2.5 U	FALSE
MW-14	3/25/2005	ND<2.5 U	FALSE
MW-14	9/27/2006	30	FALSE
MW-14	3/27/2007	ND<5 U	FALSE
MW-14	9/28/2007	24	FALSE
MW-14	3/27/2008	ND<0.3 U	FALSE
MW-14	9/30/2008	7.5	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14	10/5/2012	ND<2.5 U	FALSE

MW-14	4/11/2013	ND<2.5 U	FALSE
MW-14	10/11/2013	ND<2.5 U	FALSE

MW-3	7/18/1994	ND<10 U	FALSE
MW-3	12/12/1994	ND<10 U	FALSE
MW-3	5/14/1997	ND<5 U	FALSE
MW-3	11/20/1997	ND<2.5 U	FALSE
MW-3	**4/14/1998**	**97**	**TRUE**
MW-3	4/29/1998	8 I	FALSE
MW-3	**11/9/1998**	**105**	**TRUE**
MW-3	11/17/1998	32	FALSE
MW-3	4/27/1999	26	FALSE
MW-3	**5/7/1999**	**45**	**TRUE**
MW-3	10/11/1999	ND<5 U	FALSE
MW-3	11/1/1999	18 I	FALSE
MW-3	11/6/1999	25	FALSE
MW-3	4/3/2000	ND<2.5 U	FALSE
MW-3	4/12/2000	30	FALSE
MW-3	11/3/2000	37	FALSE
MW-3	11/6/2000	20	FALSE
MW-3	4/30/2001	15	FALSE
MW-3	**5/3/2001**	**110**	**TRUE**
MW-3	10/22/2001	17	FALSE
MW-3	**10/25/2001**	**69**	**TRUE**
MW-3	4/29/2002	26	FALSE
MW-3	**5/2/2002**	**60**	**TRUE**
MW-3	10/28/2002	19	FALSE
MW-3	**10/31/2002**	**74**	**TRUE**
MW-3	3/24/2003	21	FALSE
MW-3	4/3/2003	19	FALSE
MW-3	**9/29/2003**	**44**	**TRUE**
MW-3	10/3/2003	27	FALSE
MW-3	3/30/2004	25	FALSE
MW-3	4/2/2004	31	FALSE
MW-3	9/27/2004	18	FALSE
MW-3	9/30/2004	26	FALSE
MW-3	3/30/2005	31	FALSE
MW-3	**4/11/2005**	**87**	**TRUE**
MW-3	**9/26/2005**	**95**	**TRUE**
MW-3	**9/29/2005**	**34000**	**TRUE**
MW-3	3/23/2006	37	FALSE
MW-3	9/26/2006	14	FALSE
MW-3	9/29/2006	31	FALSE
MW-3	3/27/2007	9.2 J	FALSE
MW-3	3/30/2007	16	FALSE
MW-3	9/26/2007	13.2	FALSE
MW-3	9/28/2007	8.5	FALSE
MW-3	3/26/2008	ND<0.3 U	FALSE
MW-3	3/31/2008	6.1	FALSE
MW-3	9/23/2008	22.6	FALSE
MW-3	9/30/2008	9.8	FALSE
MW-3	3/26/2009	18.9	FALSE
MW-3	3/31/2009	29.9	FALSE
MW-3	10/1/2009	6.9	FALSE
MW-3	10/7/2009	31.9	FALSE
MW-3	**3/29/2010**	**39.7**	**TRUE**

MW-3	4/2/2010	12.2	FALSE
MW-3	9/28/2010	35.2	FALSE
MW-3	10/6/2010	7.3	FALSE
MW-3	3/25/2011	5.6	FALSE
MW-3	4/4/2011	23.7	FALSE
MW-3	10/5/2011	7.6	FALSE
MW-3	10/10/2011	26.6	FALSE
MW-3	4/4/2012	11.3	FALSE
MW-3	4/10/2012	29.4	FALSE
MW-3	10/3/2012	13.2	FALSE
MW-3	10/10/2012	25.2	FALSE
MW-3	**4/1/2013**	**41.9**	**TRUE**
MW-3	4/10/2013	19.2	FALSE
MW-3	10/9/2013	12.6	FALSE
MW-3	**10/14/2013**	**56.9**	**TRUE**

MW-4	7/18/1994	ND<10 U	FALSE
MW-4	12/14/1994	ND<10 U	FALSE
MW-4	5/13/1997	ND<5 U	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**84**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE
MW-4	11/9/1998	18 I	FALSE
MW-4	11/16/1998	ND<2.5 U	FALSE
MW-4	4/26/1999	14 I	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<5 U	FALSE
MW-4	11/1/1999	6 I	FALSE
MW-4	11/6/1999	ND<2.5 U	FALSE
MW-4	4/4/2000	17 I	FALSE
MW-4	4/12/2000	ND<2.5 U	FALSE
MW-4	11/3/2000	8.4	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	5/3/2001	8	FALSE
MW-4	10/22/2001	11	FALSE
MW-4	10/25/2001	6.6	FALSE
MW-4	4/29/2002	9.3	FALSE
MW-4	5/2/2002	8.1	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	10/31/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	4/3/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE
MW-4	10/3/2003	ND<2.5 U	FALSE
MW-4	3/29/2004	6.9	FALSE
MW-4	4/2/2004	ND<2.5 U	FALSE
MW-4	9/27/2004	ND<2.5 U	FALSE
MW-4	9/30/2004	ND<2.5 U	FALSE
MW-4	3/30/2005	ND<2.5 U	FALSE
MW-4	4/11/2005	17	FALSE
MW-4	9/26/2005	ND<2.5 U	FALSE
MW-4	**9/29/2005**	**6300**	**TRUE**
MW-4	3/24/2006	7	FALSE
MW-4	9/27/2006	ND<2.5 U	FALSE
MW-4	9/29/2006	8	FALSE

MW-4	3/27/2007	0.91 J	FALSE
MW-4	3/29/2007	10	FALSE
MW-4	9/26/2007	9.2	FALSE
MW-4	9/28/2007	1.7 J	FALSE
MW-4	3/26/2008	ND<0.3 U	FALSE
MW-4	3/31/2008	12.5	FALSE
MW-4	9/23/2008	13.6	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	3/31/2009	15.8	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	10/7/2009	19.3	FALSE
MW-4	3/30/2010	23.3	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	24.7	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	30.3	FALSE
MW-4	10/5/2011	ND<2.5 U	FALSE
MW-4	10/10/2011	34.5	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	35.8	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	**10/10/2012**	**39.3**	**TRUE**
MW-4	**4/1/2013**	**46.3**	**TRUE**
MW-4	4/10/2013	22	FALSE
MW-4	10/10/2013	ND<2.5 U	FALSE
MW-4	**10/14/2013**	**53.1**	**TRUE**

MW-2	7/19/1994	ND<10 U	FALSE
MW-2	10/25/1994	ND<5 U	FALSE
MW-2	12/16/1994	ND<10 U	FALSE
MW-2	3/16/1995	ND<5 U	FALSE
MW-2	6/23/1995	ND<5 U	FALSE
MW-2	10/4/1995	ND<5 U	FALSE
MW-2	10/10/1996	ND<5 U	FALSE
MW-2	5/14/1997	ND<5 U	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	**4/15/1998**	**42**	**TRUE**
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	31	FALSE
MW-2	11/16/1998	ND<2.5 U	FALSE
MW-2	4/27/1999	ND<2.5 U	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	17 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	13 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	9.4	FALSE
MW-2	**10/22/2001**	**44**	**TRUE**
MW-2	**10/24/2001**	**50**	**TRUE**
MW-2	**4/29/2002**	**68**	**TRUE**
MW-2	5/2/2002	14	FALSE

MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	8.3	FALSE
MW-2	3/24/2003	5.4	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	27	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	19	FALSE
MW-2	4/2/2004	ND<2.5 U	FALSE
MW-2	**9/27/2004**	**75**	**TRUE**
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	ND<2.5 U	FALSE
MW-2	**4/11/2005**	**87**	**TRUE**
MW-2	**9/26/2005**	**46**	**TRUE**
MW-2	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-2	**3/23/2006**	**81**	**TRUE**
MW-2	9/28/2006	19	FALSE
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	1.1 J	FALSE
MW-2	3/30/2007	ND<5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	**9/28/2007**	**49.9**	**TRUE**
MW-2	3/26/2008	ND<0.3 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	12.6	FALSE
MW-2	**3/26/2009**	**37.6**	**TRUE**
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	**10/1/2009**	**73.6**	**TRUE**
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	5.2	FALSE
MW-2	10/5/2011	5.4	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	10.8	FALSE
MW-2	10/11/2013	ND<2.5 U	FALSE
MW-2	10/15/2013	ND<2.5 U	FALSE

MW-11	**4/29/2002**	**46**	**TRUE**
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<2.5 U	FALSE
MW-11	3/30/2004	9.8	FALSE
MW-11	9/27/2004	ND<2.5 U	FALSE
MW-11	4/12/2005	ND<2.5 U	FALSE
MW-11	9/26/2005	5.8	FALSE
MW-11	3/23/2006	16	FALSE
MW-11	9/26/2006	ND<2.5 U	FALSE
MW-11	3/27/2007	1.4 J	FALSE

MW-11	9/27/2007	13.3	FALSE
MW-11	3/27/2008	ND<0.3 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11	10/5/2012	ND<2.5 U	FALSE
MW-11	4/9/2013	ND<1 U	FALSE
MW-11	10/9/2013	ND<2.5 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	18	FALSE
MW-12	9/30/2003	ND<2.5 U	FALSE
MW-12	3/30/2004	ND<2.5 U	FALSE
MW-12	9/27/2004	11	FALSE
MW-12	4/11/2005	10	FALSE
MW-12	9/27/2005	5.7	FALSE
MW-12	3/27/2006	6.2	FALSE
MW-12	9/27/2006	ND<2.5 U	FALSE
MW-12	3/27/2007	1.1 J	FALSE
MW-12	9/28/2007	11.9	FALSE
MW-12	3/27/2008	ND<0.3 U	FALSE
MW-12	9/30/2008	6.4	FALSE
MW-12	3/26/2009	15.5	FALSE
MW-12	10/2/2009	ND<2.5 U	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE
MW-12	4/11/2013	ND<2.5 U	FALSE
MW-12	10/10/2013	ND<2.5 U	FALSE
MW-13	9/27/2005	18	FALSE
MW-13	3/27/2006	20	FALSE
MW-13	9/28/2006	19	FALSE
MW-13	3/27/2007	21	FALSE
MW-13	9/28/2007	ND<2.5 U	FALSE
MW-13	3/27/2008	ND<0.3 U	FALSE
MW-13	9/29/2008	14.8	FALSE
MW-13	**3/26/2009**	**50**	**TRUE**
MW-13	10/2/2009	32.2	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	**10/7/2010**	**45.2**	**TRUE**
MW-13	3/25/2011	17.4	FALSE
MW-13	10/6/2011	32.7	FALSE
MW-13	**4/5/2012**	**46**	**TRUE**
MW-13	10/4/2012	7.7	FALSE
MW-13	4/9/2013	6.4	FALSE
MW-13	10/9/2013	18.9	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 28
Compliance measurements = 232
Comparison Level = 1

25 background measurements exceed 1
218 compliance measurements exceed 1

p background = 0.892857 = 25 / 28
p compliance = 0.939655 = 218 / 232
p total = 0.934615 = 243 / 260

nPs = 218
mPb = 25
n(1-Ps) = 14
m(1-Pb = 3 < 5.0

Zp = 0.946258 = 0.046798 / 0.0494559
Z critical = 1.64485 at 95% confidence level

0.946258 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 32
Compliance measurements = 593
Comparison Level = 1

31 background measurements exceed 1
571 compliance measurements exceed 1

p background = 0.96875 = 31 / 32
p compliance = 0.962901 = 571 / 593
p total = 0.9632 = 602 / 625

nPs = 571
mPb = 31
n(1-Ps) = 22
m(1-Pb = 1 < 5.0

Zp = -0.171198 = -0.00584949 / 0.034168
Z critical = 1.64485 at 95% confidence level

-0.171198 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

Non-Parametric Tolerance Interval

Parameter: Iron

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

Total Percent Non-Detects = 25%
Background measurements (n) = 7
Maximum Background Concentration = 645000
Minimum Coverage = 65.2%
Average Coverage = 87.5%

Location	Date	Value	Significant
MW-12D	10/2/2009	1280	FALSE
MW-12D	**4/6/2010**	**1.14e+006**	**TRUE**
MW-12D	3/29/2011	4080	FALSE
MW-12D	10/6/2011	500	FALSE
MW-12D	4/5/2012	657	FALSE
MW-12D	10/10/2013	483	FALSE
MW-14D	10/2/2009	ND<25 U	FALSE
MW-14D	4/6/2010	ND<25000 U	FALSE
MW-14D	3/29/2011	59.3	FALSE
MW-14D	10/6/2011	ND<25 U	FALSE
MW-14D	4/5/2012	ND<25 U	FALSE
MW-14D	10/11/2013	ND<25 U	FALSE
MW-15D	10/10/2013	1260	FALSE

Non-Parametric Tolerance Interval

Parameter: Iron

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

Total Percent Non-Detects = 2.32558%
Background measurements (n) = 6
Maximum Background Concentration = 11400
Minimum Coverage = 60.7%
Average Coverage = 85.7143%

Location	Date	Value	Significant
MW-2	**9/12/1990**	**241000**	**TRUE**
MW-2	9/25/1991	6500	FALSE
MW-2	4/16/1992	2500	FALSE
MW-2	9/22/1992	6600	FALSE
MW-2	4/13/1993	2800	FALSE
MW-3	**9/12/1990**	**35000**	**TRUE**
MW-3	9/26/1991	8800	FALSE
MW-3	4/16/1992	2800	FALSE
MW-3	9/21/1992	8200	FALSE
MW-3	4/9/1993	1400	FALSE
MW-4	**9/12/1990**	**37000**	**TRUE**
MW-4	9/26/1991	6000	FALSE
MW-4	4/16/1992	3000	FALSE
MW-4	9/21/1992	3400	FALSE
MW-4	9/30/2003	260	FALSE
MW-5	9/26/1991	2900	FALSE
MW-5	4/16/1992	230	FALSE
MW-5	9/21/1992	370	FALSE
MW-6	9/26/1991	4000	FALSE
MW-6	4/16/1992	190	FALSE
MW-6	9/21/1992	8700	FALSE
MW-7	4/8/1993	460	FALSE
MW-8	4/8/1993	480	FALSE
MW-12	9/30/2003	860	FALSE
MW-12	10/2/2009	4810	FALSE
MW-12	**4/6/2010**	**508000**	**TRUE**
MW-12	3/29/2011	1190	FALSE
MW-12	10/6/2011	ND<25 U	FALSE
MW-12	4/5/2012	477	FALSE
MW-12	10/10/2013	81.1	FALSE

MW-14	10/2/2009	4050	FALSE
MW-14	**4/6/2010**	**647000**	**TRUE**
MW-14	3/29/2011	6680	FALSE
MW-14	10/6/2011	2990	FALSE
MW-14	4/5/2012	3010	FALSE
MW-14	10/11/2013	1050	FALSE
MW-15S	10/10/2013	450	FALSE

Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 7
Compliance measurements = 13
Comparison Level = 300

6 background measurements exceed 300
8 compliance measurements exceed 300

p background = 0.857143 = 6 / 7
p compliance = 0.615385 = 8 / 13
p total = 0.7 = 14 / 20

nPs = 8
mPb = 6
n(1-Ps) = 5
m(1-Pb = 1 < 5.0

Zp = -1.12532 = -0.241758 / 0.214834
Z critical = 1.64485 at 95% confidence level

-1.12532 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 6
Compliance measurements = 37
Comparison Level = 300

5 background measurements exceed 300
32 compliance measurements exceed 300

p background = 0.833333 = 5 / 6
p compliance = 0.864865 = 32 / 37
p total = 0.860465 = 37 / 43

nPs = 32
mPb = 5
n(1-Ps) = 5 < 5.0
m(1-Pb = 1 < 5.0

Zp = 0.206766 = 0.0315315 / 0.152499
Z critical = 1.64485 at 95% confidence level

0.206766 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

Non-Parametric Tolerance Interval

Parameter: Manganese

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

Total Percent Non-Detects = 35%
Background measurements (n) = 7
Maximum Background Concentration = 11400
Minimum Coverage = 65.2%
Average Coverage = 87.5%

Location	Date	Value	Significant
MW-12D	10/2/2009	23.5	FALSE
MW-12D	**4/6/2010**	**13000**	**TRUE**
MW-12D	3/29/2011	63.1	FALSE
MW-12D	10/6/2011	8.8	FALSE
MW-12D	4/5/2012	13.6	FALSE
MW-12D	10/10/2013	6.4	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2500 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/11/2013	ND<2.5 U	FALSE
MW-15D	10/10/2013	400	FALSE

Non-Parametric Tolerance Interval

Parameter: Manganese

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

Total Percent Non-Detects = 2.32558%
Background measurements (n) = 6
Maximum Background Concentration = 200
Minimum Coverage = 60.7%
Average Coverage = 85.7143%

Location	Date	Value	Significant
MW-2	**9/12/1990**	**2100**	**TRUE**
MW-2	**9/25/1991**	**350**	**TRUE**
MW-2	4/16/1992	110	FALSE
MW-2	**9/22/1992**	**620**	**TRUE**
MW-2	4/13/1993	46	FALSE
MW-3	**9/12/1990**	**540**	**TRUE**
MW-3	**9/26/1991**	**340**	**TRUE**
MW-3	4/16/1992	97	FALSE
MW-3	**9/21/1992**	**300**	**TRUE**
MW-3	4/9/1993	160	FALSE
MW-4	**9/12/1990**	**780**	**TRUE**
MW-4	**9/26/1991**	**1800**	**TRUE**
MW-4	**4/16/1992**	**330**	**TRUE**
MW-4	9/21/1992	47	FALSE
MW-4	9/30/2003	9.2	FALSE
MW-5	**9/26/1991**	**270**	**TRUE**
MW-5	4/16/1992	23	FALSE
MW-5	9/21/1992	42	FALSE
MW-6	**9/26/1991**	**560**	**TRUE**
MW-6	**4/16/1992**	**390**	**TRUE**
MW-6	**9/21/1992**	**930**	**TRUE**
MW-7	4/8/1993	140	FALSE
MW-8	4/8/1993	58	FALSE
MW-12	9/30/2003	51	FALSE
MW-12	10/2/2009	182	FALSE
MW-12	**4/6/2010**	**89800**	**TRUE**
MW-12	3/29/2011	117	FALSE
MW-12	10/6/2011	126	FALSE
MW-12	4/5/2012	61.5	FALSE
MW-12	10/10/2013	134	FALSE

MW-14	10/2/2009	24.9	FALSE
MW-14	**4/6/2010**	**ND<2500 U**	**TRUE**
MW-14	3/29/2011	40.2	FALSE
MW-14	10/6/2011	17.7	FALSE
MW-14	4/5/2012	19.8	FALSE
MW-14	10/11/2013	5.4	FALSE
MW-15S	**10/10/2013**	**2890**	**TRUE**

Two-Sample Test of Proportions

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 6
Compliance measurements = 37
Comparison Level = 50

1 background measurements exceed 50
27 compliance measurements exceed 50

p background = 0.166667 = 1 / 6
p compliance = 0.72973 = 27 / 37
p total = 0.651163 = 28 / 43

nPs = 27
mPb = 1 < 5.0
n(1-Ps) = 10
m(1-Pb = 5

Zp = 2.68437 = 0.563063 / 0.209756
Z critical = 1.64485 at 95% confidence level

2.68437 > 1.64485
Significance is Indicated at 95% Confidence Level
When Compared to Compliance Limit = 50

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 63.4615%
Background measurements (n) = 28
Maximum Background Concentration = 212
Minimum Coverage = 89.9%
Average Coverage = 96.5517%

Location	Date	Value	Significant
MW-5D	4/13/1998	8 I	FALSE
MW-5D	11/11/1998	6 I	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	7.1	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	6	FALSE
MW-5D	4/29/2002	9	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE
MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/24/2006	ND<2.5 U	FALSE
MW-5D	9/26/2006	ND<2.5 U	FALSE
MW-5D	3/27/2007	ND<25 U	FALSE
MW-5D	9/27/2007	2.9 J	FALSE
MW-5D	3/26/2008	ND<0.85 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1.25 U	FALSE
MW-5D	10/9/2013	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	8 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	11	FALSE
MW-2D	10/28/2002	5.5	FALSE

MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	7.2	FALSE
MW-2D	3/29/2004	ND<2.5 U	FALSE
MW-2D	9/27/2004	ND<2.5 U	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/23/2006	ND<2.5 U	FALSE
MW-2D	9/28/2006	ND<2.5 U	FALSE
MW-2D	3/27/2007	ND<25 U	FALSE
MW-2D	9/28/2007	ND<2.5 U	FALSE
MW-2D	3/26/2008	ND<0.85 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1.25 U	FALSE
MW-2D	10/11/2013	ND<2.5 U	FALSE

MW-4D	4/15/1998	ND<2.5 U	FALSE
MW-4D	11/9/1998	6 I	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	5 I	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	6.5	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	24	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<2.5 U	FALSE
MW-4D	3/29/2004	7	FALSE
MW-4D	9/27/2004	ND<2.5 U	FALSE
MW-4D	4/11/2005	ND<2.5 U	FALSE
MW-4D	9/26/2005	ND<2.5 U	FALSE
MW-4D	3/24/2006	ND<2.5 U	FALSE
MW-4D	9/27/2006	5.5	FALSE
MW-4D	3/27/2007	ND<25 U	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.85 U	FALSE
MW-4D	9/29/2008	8	FALSE
MW-4D	3/26/2009	7.1	FALSE
MW-4D	10/2/2009	13.2	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	ND<1.25 U	FALSE
MW-4D	10/10/2013	ND<2.5 U	FALSE

MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	5 I	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	12	FALSE
MW-8D	4/29/2002	7.7	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/23/2006	ND<2.5 U	FALSE
MW-8D	9/26/2006	ND<2.5 U	FALSE
MW-8D	3/27/2007	ND<25 U	FALSE
MW-8D	9/28/2007	ND<2.5 U	FALSE
MW-8D	3/27/2008	ND<0.85 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1.25 U	FALSE
MW-8D	10/11/2013	ND<2.5 U	FALSE

MW-11D	4/29/2002	20	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	13	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/23/2006	ND<2.5 U	FALSE
MW-11D	9/26/2006	6.5	FALSE
MW-11D	3/27/2007	ND<25 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.85 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE

MW-11D	4/9/2013	ND<1.25 U	FALSE
MW-11D	10/9/2013	ND<2.5 U	FALSE

MW-10D	**4/30/2002**	**240**	**TRUE**
MW-10D	10/29/2002	48	FALSE
MW-10D	3/25/2003	47	FALSE
MW-10D	9/30/2003	10	FALSE
MW-10D	3/30/2004	8.8	FALSE
MW-10D	9/27/2004	12	FALSE
MW-10D	4/12/2005	35	FALSE
MW-10D	9/27/2005	63	FALSE
MW-10D	3/23/2006	18	FALSE
MW-10D	9/27/2006	9.8	FALSE
MW-10D	3/27/2007	4.8 J	FALSE
MW-10D	9/27/2007	15.2	FALSE
MW-10D	3/26/2008	7.9	FALSE
MW-10D	9/26/2008	5.5	FALSE
MW-10D	3/26/2009	6	FALSE
MW-10D	10/1/2009	9.5	FALSE
MW-10D	4/2/2010	10.2	FALSE
MW-10D	10/7/2010	5.3	FALSE
MW-10D	3/29/2011	5.5	FALSE
MW-10D	10/5/2011	7.4	FALSE
MW-10D	4/4/2012	6.8	FALSE
MW-10D	10/3/2012	6.9	FALSE
MW-10D	4/11/2013	10	FALSE
MW-10D	10/9/2013	11.3	FALSE

MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	**3/25/2003**	**230**	**TRUE**
MW-12D	9/30/2003	15	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	52	FALSE
MW-12D	4/11/2005	41	FALSE
MW-12D	9/27/2005	9.9	FALSE
MW-12D	3/27/2006	7.2	FALSE
MW-12D	9/27/2006	35	FALSE
MW-12D	3/27/2007	ND<25 U	FALSE
MW-12D	9/28/2007	32.5	FALSE
MW-12D	3/27/2008	6.7	FALSE
MW-12D	9/30/2008	9	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	12.7	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-12D	10/10/2013	ND<2.5 U	FALSE

MW-13D	9/27/2005	58	FALSE
MW-13D	3/27/2006	47	FALSE

MW-13D	9/28/2006	38	FALSE
MW-13D	3/27/2007	26 J	FALSE
MW-13D	9/28/2007	24.3	FALSE
MW-13D	3/27/2008	35.6	FALSE
MW-13D	9/29/2008	23.1	FALSE
MW-13D	3/26/2009	26.2	FALSE
MW-13D	10/2/2009	29	FALSE
MW-13D	4/2/2010	22.2	FALSE
MW-13D	10/7/2010	15.3	FALSE
MW-13D	3/25/2011	18.5	FALSE
MW-13D	10/6/2011	23.2	FALSE
MW-13D	4/5/2012	19.3	FALSE
MW-13D	10/4/2012	17.7	FALSE
MW-13D	4/9/2013	18.8	FALSE
MW-13D	10/9/2013	22.4	FALSE
MW-14D	9/27/2006	ND<2.5 U	FALSE
MW-14D	3/27/2007	ND<25 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.85 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE
MW-14D	10/11/2013	ND<2.5 U	FALSE
MW-15D	10/10/2013	8.9	FALSE

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 41.76%
Background measurements (n) = 32
Maximum Background Concentration = 120
Minimum Coverage = 91.1%
Average Coverage = 96.9697%

Location	Date	Value	Significant
MW-10	7/14/1994	ND<2.5 U	FALSE
MW-10	12/14/1994	ND<2.5 U	FALSE
MW-10	5/7/1997	ND<2.5 U	FALSE
MW-10	11/19/1997	ND<2.5 U	FALSE
MW-10	4/29/1998	ND<2.5 U	FALSE
MW-10	11/11/1998	ND<2.5 U	FALSE
MW-10	5/5/1999	ND<2.5 U	FALSE
MW-10	10/11/1999	ND<25 U	FALSE
MW-10	11/6/1999	ND<2.5 U	FALSE
MW-10	4/13/2000	ND<2.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	47	FALSE
MW-10	10/24/2001	ND<2.5 U	FALSE
MW-10	4/30/2002	16	FALSE
MW-10	5/2/2002	15	FALSE
MW-10	10/29/2002	35	FALSE
MW-10	3/25/2003	36	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	23	FALSE
MW-10	10/2/2003	ND<2.5 U	FALSE
MW-10	3/30/2004	8.7	FALSE
MW-10	4/1/2004	ND<2.5 U	FALSE
MW-10	9/27/2004	18	FALSE
MW-10	9/29/2004	ND<2.5 U	FALSE
MW-10	3/29/2005	ND<2.5 U	FALSE
MW-10	4/12/2005	36	FALSE
MW-10	9/27/2005	14	FALSE
MW-10	3/23/2006	18	FALSE
MW-10	9/26/2006	14	FALSE
MW-10	3/27/2007	1.8 J	FALSE
MW-10	9/27/2007	5.6	FALSE
MW-10	3/26/2008	ND<0.85 U	FALSE
MW-10	9/26/2008	7.3	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	5.9	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10	10/3/2012	ND<2.5 U	FALSE
MW-10	4/11/2013	ND<1.25 U	FALSE
MW-10	10/9/2013	ND<2.5 U	FALSE

MW-7	7/14/1994	ND<2.5 U	FALSE
MW-7	12/14/1994	ND<2.5 U	FALSE
MW-7	3/16/1995	ND<25 U	FALSE
MW-7	5/12/1997	ND<2.5 U	FALSE
MW-7	11/17/1997	16	FALSE
MW-7	4/13/1998	85	FALSE
MW-7	4/28/1998	8 I	FALSE
MW-7	11/11/1998	14 I	FALSE
MW-7	4/26/1999	9 I	FALSE
MW-7	5/5/1999	14 I	FALSE
MW-7	10/11/1999	ND<25 U	FALSE
MW-7	11/2/1999	10 I	FALSE
MW-7	11/6/1999	15 I	FALSE
MW-7	4/3/2000	8 I	FALSE
MW-7	4/13/2000	14 I	FALSE
MW-7	11/6/2000	52	FALSE
MW-7	4/30/2001	36	FALSE
MW-7	**10/22/2001**	**340**	**TRUE**
MW-7	**4/29/2002**	**170**	**TRUE**
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	**9/30/2005**	**24000**	**TRUE**
MW-7	3/24/2006	13	FALSE
MW-7	9/26/2006	18	FALSE
MW-7	9/29/2006	25	FALSE
MW-7	3/27/2007	18 J	FALSE
MW-7	3/29/2007	ND<25 U	FALSE
MW-7	9/26/2007	17	FALSE
MW-7	9/27/2007	14.2	FALSE
MW-7	3/26/2008	14.2	FALSE
MW-7	9/26/2008	13.3	FALSE
MW-7	3/26/2009	7.3	FALSE
MW-7	10/1/2009	11.8	FALSE
MW-7	4/2/2010	7	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	6	FALSE
MW-7	10/5/2011	10.8	FALSE
MW-7	4/4/2012	8.8	FALSE
MW-7	10/3/2012	12.2	FALSE
MW-7	4/1/2013	21.5	FALSE
MW-7	4/9/2013	12.4	FALSE
MW-7	10/9/2013	14.7	FALSE

MW-8	7/14/1994	ND<2.5 U	FALSE
MW-8	12/15/1994	ND<2.5 U	FALSE
MW-8	5/12/1997	12	FALSE
MW-8	11/19/1997	10 I	FALSE
MW-8	4/17/1998	38	FALSE
MW-8	4/28/1998	7 I	FALSE
MW-8	11/10/1998	40	FALSE

MW-8	11/11/1998	19 I	FALSE
MW-8	4/26/1999	8 I	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<25 U	FALSE
MW-8	11/1/1999	7 I	FALSE
MW-8	11/6/1999	8 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	4/13/2000	5 I	FALSE
MW-8	11/1/2000	31	FALSE
MW-8	11/7/2000	7.8	FALSE
MW-8	4/30/2001	16	FALSE
MW-8	5/2/2001	7.4	FALSE
MW-8	10/22/2001	65	FALSE
MW-8	10/24/2001	39	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	30	FALSE
MW-8	**5/2/2002**	**130**	**TRUE**
MW-8	10/28/2002	ND<2.5 U	FALSE
MW-8	10/31/2002	12	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	25	FALSE
MW-8	9/30/2003	ND<2.5 U	FALSE
MW-8	10/2/2003	21	FALSE
MW-8	3/30/2004	5.2	FALSE
MW-8	4/1/2004	23	FALSE
MW-8	9/27/2004	ND<2.5 U	FALSE
MW-8	9/29/2004	7.5	FALSE
MW-8	3/29/2005	7.5	FALSE
MW-8	4/12/2005	9.7	FALSE
MW-8	9/27/2005	ND<2.5 U	FALSE
MW-8	3/23/2006	ND<2.5 U	FALSE
MW-8	9/26/2006	ND<2.5 U	FALSE
MW-8	3/27/2007	ND<25 U	FALSE
MW-8	9/28/2007	ND<2.5 U	FALSE
MW-8	3/27/2008	ND<0.85 U	FALSE
MW-8	9/29/2008	9.7	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	ND<2.5 U	FALSE
MW-8	4/6/2010	ND<2.5 U	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8	10/5/2012	ND<2.5 U	FALSE
MW-8	4/9/2013	ND<1.25 U	FALSE
MW-8	10/11/2013	ND<2.5 U	FALSE

MW-5	7/15/1994	ND<2.5 U	FALSE
MW-5	10/21/1994	ND<25 U	FALSE
MW-5	12/14/1994	ND<2.5 U	FALSE
MW-5	3/16/1995	ND<25 U	FALSE
MW-5	6/22/1995	ND<25 U	FALSE
MW-5	10/4/1995	ND<25 U	FALSE
MW-5	5/13/1997	8	FALSE
MW-5	11/20/1997	7 I	FALSE
MW-5	4/13/1998	88	FALSE

MW-5	4/29/1998	6 I	FALSE
MW-5	11/11/1998	52	FALSE
MW-5	11/16/1998	7 I	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	5/6/1999	9 I	FALSE
MW-5	10/11/1999	ND<25 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	11/6/1999	6 I	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE
MW-5	4/12/2000	7 I	FALSE
MW-5	11/1/2000	7.4	FALSE
MW-5	11/6/2000	34	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	5/3/2001	19	FALSE
MW-5	10/22/2001	5.1	FALSE
MW-5	10/24/2001	17	FALSE
MW-5	4/29/2002	49	FALSE
MW-5	5/1/2002	23	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	10/31/2002	12	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<2.5 U	FALSE
MW-5	10/3/2003	11	FALSE
MW-5	3/30/2004	5.1	FALSE
MW-5	4/2/2004	11	FALSE
MW-5	9/27/2004	ND<2.5 U	FALSE
MW-5	9/30/2004	7.2	FALSE
MW-5	3/30/2005	8.8	FALSE
MW-5	4/12/2005	ND<2.5 U	FALSE
MW-5	9/26/2005	ND<2.5 U	FALSE
MW-5	**9/29/2005**	**9800**	**TRUE**
MW-5	3/24/2006	ND<2.5 U	FALSE
MW-5	9/26/2006	9.5	FALSE
MW-5	9/29/2006	13	FALSE
MW-5	3/27/2007	ND<25 U	FALSE
MW-5	3/29/2007	ND<25 U	FALSE
MW-5	9/26/2007	8.5	FALSE
MW-5	9/27/2007	ND<2.5 U	FALSE
MW-5	3/26/2008	5.1	FALSE
MW-5	3/31/2008	12.3	FALSE
MW-5	9/23/2008	25.2	FALSE
MW-5	9/30/2008	6.2	FALSE
MW-5	3/26/2009	7.3	FALSE
MW-5	3/30/2009	10	FALSE
MW-5	10/2/2009	11.8	FALSE
MW-5	10/7/2009	13.6	FALSE
MW-5	3/30/2010	10.2	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	6.6	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	4/4/2011	10	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	12.2	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	11.6	FALSE

MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	10.5	FALSE
MW-5	4/1/2013	12.5	FALSE
MW-5	4/11/2013	ND<1.25 U	FALSE
MW-5	10/9/2013	ND<2.5 U	FALSE
MW-5	10/14/2013	8	FALSE
MW-6	7/15/1994	ND<2.5 U	FALSE
MW-6	10/21/1994	ND<25 U	FALSE
MW-6	12/14/1994	ND<2.5 U	FALSE
MW-6	3/16/1995	ND<25 U	FALSE
MW-6	6/22/1995	ND<25 U	FALSE
MW-6	10/4/1995	ND<25 U	FALSE
MW-6	5/7/1997	6 I	FALSE
MW-6	11/20/1997	ND<2.5 U	FALSE
MW-6	4/13/1998	24	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	28	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	4/26/1999	12 I	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	ND<25 U	FALSE
MW-6	11/2/1999	10 I	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	ND<2.5 U	FALSE
MW-6	4/12/2000	5 I	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	31	FALSE
MW-6	4/30/2001	12	FALSE
MW-6	5/3/2001	36	FALSE
MW-6	**10/22/2001**	**170**	**TRUE**
MW-6	10/24/2001	5.2	FALSE
MW-6	4/29/2002	94	FALSE
MW-6	5/2/2002	6.3	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	100	FALSE
MW-6	10/2/2003	5	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	4/2/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	12	FALSE
MW-6	9/29/2004	5.5	FALSE
MW-6	3/30/2005	ND<2.5 U	FALSE
MW-6	4/12/2005	92	FALSE
MW-6	9/26/2005	8	FALSE
MW-6	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-6	3/24/2006	6.3	FALSE
MW-6	9/26/2006	24	FALSE
MW-6	9/29/2006	7.4	FALSE
MW-6	3/27/2007	ND<25 U	FALSE
MW-6	3/29/2007	ND<25 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	12.2	FALSE
MW-6	4/1/2008	5.5	FALSE

MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	ND<2.5 U	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	ND<2.5 U	FALSE
MW-6	4/2/2010	10.4	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/1/2013	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<1.25 U	FALSE
MW-6	10/9/2013	ND<2.5 U	FALSE
MW-6	10/15/2013	ND<2.5 U	FALSE

MW-14	7/18/1994	ND<2.5 U	FALSE
MW-14	12/14/1994	ND<2.5 U	FALSE
MW-14	5/12/1997	ND<2.5 U	FALSE
MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	ND<2.5 U	FALSE
MW-14	10/11/1999	ND<25 U	FALSE
MW-14	11/3/1999	ND<2.5 U	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<2.5 U	FALSE
MW-14	3/31/2004	ND<2.5 U	FALSE
MW-14	9/29/2004	ND<2.5 U	FALSE
MW-14	3/25/2005	ND<2.5 U	FALSE
MW-14	**9/27/2006**	**130**	**TRUE**
MW-14	3/27/2007	4.8 J	FALSE
MW-14	9/28/2007	35.6	FALSE
MW-14	3/27/2008	20.1	FALSE
MW-14	9/30/2008	6.7	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	5	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14	10/5/2012	ND<2.5 U	FALSE

MW-14	4/11/2013	ND<2.5 U	FALSE
MW-14	10/11/2013	ND<2.5 U	FALSE

MW-3	7/18/1994	ND<2.5 U	FALSE
MW-3	12/12/1994	ND<2.5 U	FALSE
MW-3	5/14/1997	14	FALSE
MW-3	11/20/1997	7 I	FALSE
MW-3	**4/14/1998**	**293**	**TRUE**
MW-3	4/29/1998	10 I	FALSE
MW-3	**11/9/1998**	**264**	**TRUE**
MW-3	11/17/1998	19 I	FALSE
MW-3	4/27/1999	84	FALSE
MW-3	5/7/1999	20 I	FALSE
MW-3	10/11/1999	ND<25 U	FALSE
MW-3	11/1/1999	66	FALSE
MW-3	11/6/1999	11 I	FALSE
MW-3	4/3/2000	34	FALSE
MW-3	4/12/2000	15 I	FALSE
MW-3	**11/3/2000**	**210**	**TRUE**
MW-3	11/6/2000	70	FALSE
MW-3	4/30/2001	53	FALSE
MW-3	5/3/2001	120	FALSE
MW-3	10/22/2001	94	FALSE
MW-3	10/25/2001	60	FALSE
MW-3	4/29/2002	100	FALSE
MW-3	5/2/2002	53	FALSE
MW-3	10/28/2002	54	FALSE
MW-3	10/31/2002	63	FALSE
MW-3	3/24/2003	62	FALSE
MW-3	4/3/2003	ND<2.5 U	FALSE
MW-3	9/29/2003	100	FALSE
MW-3	10/3/2003	12	FALSE
MW-3	3/30/2004	55	FALSE
MW-3	4/2/2004	11	FALSE
MW-3	9/27/2004	50	FALSE
MW-3	9/30/2004	ND<2.5 U	FALSE
MW-3	3/30/2005	12	FALSE
MW-3	**4/11/2005**	**190**	**TRUE**
MW-3	9/26/2005	120	FALSE
MW-3	**9/29/2005**	**15000**	**TRUE**
MW-3	3/23/2006	98	FALSE
MW-3	9/26/2006	38	FALSE
MW-3	9/29/2006	18	FALSE
MW-3	3/27/2007	28 J	FALSE
MW-3	3/30/2007	ND<25 U	FALSE
MW-3	9/26/2007	13.3	FALSE
MW-3	9/28/2007	23.5	FALSE
MW-3	3/26/2008	42.2	FALSE
MW-3	3/31/2008	14.1	FALSE
MW-3	9/23/2008	18.1	FALSE
MW-3	9/30/2008	20.8	FALSE
MW-3	3/26/2009	46.3	FALSE
MW-3	3/31/2009	9.8	FALSE
MW-3	10/1/2009	24.3	FALSE
MW-3	10/7/2009	14.1	FALSE
MW-3	3/29/2010	10.4	FALSE

MW-3	4/2/2010	41.1	FALSE
MW-3	9/28/2010	6.2	FALSE
MW-3	10/6/2010	25.6	FALSE
MW-3	3/25/2011	22	FALSE
MW-3	4/4/2011	8.4	FALSE
MW-3	10/5/2011	18.2	FALSE
MW-3	10/10/2011	10.7	FALSE
MW-3	4/4/2012	26.2	FALSE
MW-3	4/10/2012	17.2	FALSE
MW-3	10/3/2012	30.2	FALSE
MW-3	10/10/2012	12.3	FALSE
MW-3	4/1/2013	11.3	FALSE
MW-3	4/10/2013	24.9	FALSE
MW-3	10/9/2013	28.8	FALSE
MW-3	10/14/2013	7.9	FALSE

MW-4	7/18/1994	ND<2.5 U	FALSE
MW-4	12/14/1994	ND<2.5 U	FALSE
MW-4	5/13/1997	ND<2.5 U	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**126**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE
MW-4	11/9/1998	33	FALSE
MW-4	11/16/1998	12 I	FALSE
MW-4	4/26/1999	15 I	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<25 U	FALSE
MW-4	11/1/1999	13 I	FALSE
MW-4	11/6/1999	10 I	FALSE
MW-4	4/4/2000	20 I	FALSE
MW-4	4/12/2000	17 I	FALSE
MW-4	11/3/2000	34	FALSE
MW-4	11/6/2000	6.7	FALSE
MW-4	4/30/2001	6	FALSE
MW-4	5/3/2001	33	FALSE
MW-4	10/22/2001	21	FALSE
MW-4	10/25/2001	37	FALSE
MW-4	4/29/2002	18	FALSE
MW-4	5/2/2002	39	FALSE
MW-4	10/28/2002	8.5	FALSE
MW-4	10/31/2002	18	FALSE
MW-4	3/24/2003	5.5	FALSE
MW-4	4/3/2003	13	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE
MW-4	10/3/2003	24	FALSE
MW-4	3/29/2004	13	FALSE
MW-4	4/2/2004	26	FALSE
MW-4	9/27/2004	ND<2.5 U	FALSE
MW-4	9/30/2004	21	FALSE
MW-4	3/30/2005	33	FALSE
MW-4	4/11/2005	35	FALSE
MW-4	9/26/2005	9.4	FALSE
MW-4	**9/29/2005**	**41000**	**TRUE**
MW-4	3/24/2006	12	FALSE
MW-4	9/27/2006	6.9	FALSE
MW-4	9/29/2006	46	FALSE

MW-4	3/27/2007	2.5 J	FALSE
MW-4	3/29/2007	51	FALSE
MW-4	9/26/2007	49.6	FALSE
MW-4	9/28/2007	6.5	FALSE
MW-4	3/26/2008	5	FALSE
MW-4	3/31/2008	60.3	FALSE
MW-4	9/23/2008	55.6	FALSE
MW-4	9/29/2008	8.1	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	3/31/2009	55.9	FALSE
MW-4	10/2/2009	6.2	FALSE
MW-4	10/7/2009	72.5	FALSE
MW-4	3/30/2010	71.1	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	72.1	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	80.3	FALSE
MW-4	10/5/2011	ND<2.5 U	FALSE
MW-4	10/10/2011	86.9	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	84.2	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	10/10/2012	86.6	FALSE
MW-4	4/1/2013	92.9	FALSE
MW-4	4/10/2013	18.7	FALSE
MW-4	10/10/2013	ND<2.5 U	FALSE
MW-4	10/14/2013	94.9	FALSE

MW-2	7/19/1994	ND<2.5 U	FALSE
MW-2	10/25/1994	ND<25 U	FALSE
MW-2	12/16/1994	ND<2.5 U	FALSE
MW-2	3/16/1995	ND<25 U	FALSE
MW-2	6/23/1995	ND<25 U	FALSE
MW-2	10/4/1995	ND<25 U	FALSE
MW-2	10/10/1996	ND<25 U	FALSE
MW-2	5/14/1997	ND<2.5 U	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	4/15/1998	49	FALSE
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	40	FALSE
MW-2	11/16/1998	5 I	FALSE
MW-2	4/27/1999	5 I	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	18 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	16 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	6.5	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	19	FALSE
MW-2	10/22/2001	61	FALSE
MW-2	10/24/2001	61	FALSE
MW-2	4/29/2002	92	FALSE
MW-2	5/2/2002	21	FALSE

MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	13	FALSE
MW-2	3/24/2003	6.7	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	32	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	21	FALSE
MW-2	4/2/2004	ND<2.5 U	FALSE
MW-2	9/27/2004	66	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	5.1	FALSE
MW-2	4/11/2005	97	FALSE
MW-2	9/26/2005	54	FALSE
MW-2	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-2	3/23/2006	92	FALSE
MW-2	9/28/2006	23	FALSE
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	ND<25 U	FALSE
MW-2	3/30/2007	ND<25 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/28/2007	80.6	FALSE
MW-2	3/26/2008	ND<0.85 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	10.1	FALSE
MW-2	3/26/2009	40.9	FALSE
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	10/1/2009	84.8	FALSE
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	7.5	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	6	FALSE
MW-2	10/11/2013	ND<2.5 U	FALSE
MW-2	10/15/2013	ND<2.5 U	FALSE

MW-11	4/29/2002	120	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	21	FALSE
MW-11	9/29/2003	20	FALSE
MW-11	3/30/2004	48	FALSE
MW-11	9/27/2004	19	FALSE
MW-11	4/12/2005	32	FALSE
MW-11	9/26/2005	35	FALSE
MW-11	3/23/2006	68	FALSE
MW-11	9/26/2006	29	FALSE
MW-11	3/27/2007	23 J	FALSE

MW-11	9/27/2007	80.3	FALSE
MW-11	3/27/2008	59.8	FALSE
MW-11	9/30/2008	26.8	FALSE
MW-11	3/26/2009	48.6	FALSE
MW-11	10/5/2009	31.6	FALSE
MW-11	4/6/2010	10	FALSE
MW-11	10/8/2010	8.3	FALSE
MW-11	3/29/2011	15.7	FALSE
MW-11	10/5/2011	7.9	FALSE
MW-11	4/6/2012	9.2	FALSE
MW-11	10/5/2012	12.8	FALSE
MW-11	4/9/2013	5.3	FALSE
MW-11	10/9/2013	15.4	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	48	FALSE
MW-12	9/30/2003	9.1	FALSE
MW-12	3/30/2004	5	FALSE
MW-12	9/27/2004	23	FALSE
MW-12	4/11/2005	21	FALSE
MW-12	9/27/2005	22	FALSE
MW-12	3/27/2006	18	FALSE
MW-12	9/27/2006	18	FALSE
MW-12	3/27/2007	5.9 J	FALSE
MW-12	9/28/2007	61.6	FALSE
MW-12	3/27/2008	11.7	FALSE
MW-12	9/30/2008	10.7	FALSE
MW-12	3/26/2009	21.1	FALSE
MW-12	10/2/2009	14.6	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	13.1	FALSE
MW-12	3/29/2011	7.3	FALSE
MW-12	10/6/2011	12.7	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE
MW-12	4/11/2013	5.8	FALSE
MW-12	10/10/2013	11.9	FALSE
MW-13	9/27/2005	ND<2.5 U	FALSE
MW-13	3/27/2006	ND<2.5 U	FALSE
MW-13	9/28/2006	ND<2.5 U	FALSE
MW-13	3/27/2007	ND<25 U	FALSE
MW-13	9/28/2007	2.4 J	FALSE
MW-13	3/27/2008	ND<0.85 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	12	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	9	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13	10/4/2012	ND<2.5 U	FALSE
MW-13	4/9/2013	7.2	FALSE
MW-13	10/9/2013	ND<2.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Sulfate

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

Total Percent Non-Detects = 4.54545%
Background measurements (n) = 7
Maximum Background Concentration = 47100
Minimum Coverage = 65.2%
Average Coverage = 87.5%

Location	Date	Value	Significant
MW-12D	10/2/2009	28800	FALSE
MW-12D	4/6/2010	18700	FALSE
MW-12D	10/7/2010	42500	FALSE
MW-12D	3/29/2011	24400	FALSE
MW-12D	10/6/2011	45500	FALSE
MW-12D	4/5/2012	25300	FALSE
MW-12D	**10/10/2013**	**59900**	**TRUE**
MW-14D	10/2/2009	16000	FALSE
MW-14D	4/6/2010	14900	FALSE
MW-14D	10/7/2010	14300	FALSE
MW-14D	3/29/2011	16200	FALSE
MW-14D	10/6/2011	13500	FALSE
MW-14D	4/5/2012	13800	FALSE
MW-14D	10/11/2013	15700	FALSE
MW-15D	**10/10/2013**	**77300**	**TRUE**

Non-Parametric Tolerance Interval

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 24.5283%
Background measurements (n) = 7
Maximum Background Concentration = 20700
Minimum Coverage = 65.2%
Average Coverage = 87.5%

Location	Date	Value	Significant
MW-2	9/12/1990	4700	FALSE
MW-2	9/25/1991	1400	FALSE
MW-2	9/22/1992	1600	FALSE
MW-2	4/13/1993	1000	FALSE
MW-2	7/19/1994	2300	FALSE
MW-2	12/16/1994	2200	FALSE
MW-3	9/12/1990	2800	FALSE
MW-3	9/26/1991	ND<500 U	FALSE
MW-3	9/21/1992	ND<500 U	FALSE
MW-3	4/9/1993	ND<500 U	FALSE
MW-3	7/18/1994	1900	FALSE
MW-3	12/12/1994	2800	FALSE
MW-4	9/12/1990	2500	FALSE
MW-4	**9/26/1991**	**51000**	**TRUE**
MW-4	**9/21/1992**	**35000**	**TRUE**
MW-5	9/26/1991	1200	FALSE
MW-5	9/21/1992	1200	FALSE
MW-6	9/26/1991	8700	FALSE
MW-6	9/21/1992	5.7	FALSE
MW-6	7/15/1994	2000	FALSE
MW-6	12/14/1994	1500	FALSE
MW-7	4/8/1993	ND<500 U	FALSE
MW-7	7/14/1994	ND<500 U	FALSE
MW-7	12/14/1994	ND<500 U	FALSE
MW-8	4/8/1993	ND<500 U	FALSE
MW-8	7/14/1994	ND<500 U	FALSE
MW-8	12/15/1994	ND<500 U	FALSE
MW-10	7/14/1994	ND<500 U	FALSE
MW-10	12/14/1994	ND<500 U	FALSE

MW-14	7/18/1994	ND<500 U	FALSE
MW-14	12/14/1994	ND<0.5 U	FALSE
MW-14	**10/2/2009**	**28900**	**TRUE**
MW-14	**4/6/2010**	**30100**	**TRUE**
MW-14	**10/7/2010**	**24700**	**TRUE**
MW-14	**3/29/2011**	**27600**	**TRUE**
MW-14	**10/6/2011**	**24200**	**TRUE**
MW-14	**4/5/2012**	**26100**	**TRUE**
MW-14	**10/11/2013**	**32200**	**TRUE**
MW-12	**10/2/2009**	**53600**	**TRUE**
MW-12	**4/6/2010**	**66400**	**TRUE**
MW-12	**10/7/2010**	**106000**	**TRUE**
MW-12	**3/29/2011**	**77400**	**TRUE**
MW-12	**10/6/2011**	**201000**	**TRUE**
MW-12	**4/5/2012**	**88300**	**TRUE**
MW-12	**10/10/2013**	**177000**	**TRUE**
MW-15S	**10/10/2013**	**22700**	**TRUE**

Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 7
Compliance measurements = 15
Comparison Level = 250000

0 background measurements exceed 250000
0 compliance measurements exceed 250000

p background = 0 = 0 / 7
p compliance = 0 = 0 / 15
p total = 0 = 0 / 22

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 15
m(1-Pb = 7

Divide by zero error.

Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 7
Compliance measurements = 17
Comparison Level = 250000

0 background measurements exceed 250000
0 compliance measurements exceed 250000

p background = 0 = 0 / 7
p compliance = 0 = 0 / 17
p total = 0 = 0 / 24

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 17
m(1-Pb = 7

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 0%
Background measurements (n) = 4
Maximum Background Concentration = 147000
Minimum Coverage = 47.3%
Average Coverage = 80%

Location	Date	Value	Significant
MW-12	3/29/2011	330000	TRUE
MW-12	10/6/2011	567000	TRUE
MW-12	4/5/2012	343000	TRUE
MW-12	10/10/2013	517000	TRUE
MW-14	3/29/2011	260000	TRUE
MW-14	10/6/2011	182000	TRUE
MW-14	4/5/2012	167000	TRUE
MW-14	10/11/2013	167000	TRUE
MW-15S	10/10/2013	150000	TRUE

Two-Sample Test of Proportions

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 4
Compliance measurements = 9
Comparison Level = 500000

0 background measurements exceed 500000
2 compliance measurements exceed 500000

p background = 0 = 0 / 4
p compliance = 0.222222 = 2 / 9
p total = 0.153846 = 2 / 13

nPs = 2 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 7
m(1-Pb = 4 < 5.0

Zp = 1.02494 = 0.222222 / 0.216815
Z critical = 1.64485 at 95% confidence level

1.02494 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 500000

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 60%
Background measurements (n) = 28
Maximum Background Concentration = 420
Minimum Coverage = 89.9%
Average Coverage = 96.5517%

Location	Date	Value	Significant
MW-5D	4/13/1998	12 I	FALSE
MW-5D	11/11/1998	6 I	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	8.3	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	7.3	FALSE
MW-5D	4/29/2002	15	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE
MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/24/2006	ND<2.5 U	FALSE
MW-5D	9/26/2006	ND<2.5 U	FALSE
MW-5D	3/27/2007	2.4 J	FALSE
MW-5D	9/27/2007	1.9 J	FALSE
MW-5D	3/26/2008	ND<0.1 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	7.5	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1.25 U	FALSE
MW-5D	10/9/2013	ND<2.5 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	14 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	6 I	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	5.3	FALSE
MW-2D	4/30/2001	8.1	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	17	FALSE
MW-2D	10/28/2002	10	FALSE

MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	13	FALSE
MW-2D	3/29/2004	8.2	FALSE
MW-2D	9/27/2004	9.9	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/23/2006	ND<2.5 U	FALSE
MW-2D	9/28/2006	ND<2.5 U	FALSE
MW-2D	3/27/2007	2.6 J	FALSE
MW-2D	9/28/2007	3.1 J	FALSE
MW-2D	3/26/2008	ND<0.1 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1.25 U	FALSE
MW-2D	10/11/2013	ND<2.5 U	FALSE

MW-4D	4/15/1998	6 I	FALSE
MW-4D	11/9/1998	18 I	FALSE
MW-4D	4/26/1999	5 I	FALSE
MW-4D	11/1/1999	ND<2.5 U	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	44	FALSE
MW-4D	4/30/2001	21	FALSE
MW-4D	10/22/2001	100	FALSE
MW-4D	4/29/2002	59	FALSE
MW-4D	10/28/2002	12	FALSE
MW-4D	3/24/2003	22	FALSE
MW-4D	9/29/2003	8.6	FALSE
MW-4D	3/29/2004	39	FALSE
MW-4D	9/27/2004	6.2	FALSE
MW-4D	4/11/2005	6.1	FALSE
MW-4D	9/26/2005	5.1	FALSE
MW-4D	3/24/2006	ND<2.5 U	FALSE
MW-4D	9/27/2006	21	FALSE
MW-4D	3/27/2007	4.3 J	FALSE
MW-4D	9/28/2007	3.7 J	FALSE
MW-4D	3/26/2008	9.7	FALSE
MW-4D	9/29/2008	46.7	FALSE
MW-4D	3/26/2009	30.5	FALSE
MW-4D	10/2/2009	60.7	FALSE
MW-4D	4/6/2010	8.3	FALSE
MW-4D	10/7/2010	6.9	FALSE
MW-4D	3/29/2011	6.9	FALSE
MW-4D	10/5/2011	7.6	FALSE
MW-4D	4/5/2012	8.5	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	31	FALSE
MW-4D	10/10/2013	5.3	FALSE

MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	ND<2.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	8.5	FALSE
MW-8D	4/29/2002	18	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/23/2006	ND<2.5 U	FALSE
MW-8D	9/26/2006	ND<2.5 U	FALSE
MW-8D	3/27/2007	1.8 J	FALSE
MW-8D	9/28/2007	1.9 J	FALSE
MW-8D	3/27/2008	ND<0.1 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1.25 U	FALSE
MW-8D	10/11/2013	ND<2.5 U	FALSE

MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/23/2006	ND<2.5 U	FALSE
MW-11D	9/26/2006	ND<2.5 U	FALSE
MW-11D	3/27/2007	2.1 J	FALSE
MW-11D	9/27/2007	1.4 J	FALSE
MW-11D	3/27/2008	ND<0.1 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE

MW-11D	4/9/2013	ND<1.25 U	FALSE
MW-11D	10/9/2013	ND<2.5 U	FALSE

MW-10D	4/30/2002	190	FALSE
MW-10D	10/29/2002	14	FALSE
MW-10D	3/25/2003	25	FALSE
MW-10D	9/30/2003	ND<2.5 U	FALSE
MW-10D	3/30/2004	ND<2.5 U	FALSE
MW-10D	9/27/2004	ND<2.5 U	FALSE
MW-10D	4/12/2005	9.8	FALSE
MW-10D	9/27/2005	27	FALSE
MW-10D	3/23/2006	6.6	FALSE
MW-10D	9/27/2006	ND<2.5 U	FALSE
MW-10D	3/27/2007	3.9 J	FALSE
MW-10D	9/27/2007	5.8	FALSE
MW-10D	3/26/2008	ND<0.1 U	FALSE
MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-10D	10/3/2012	ND<2.5 U	FALSE
MW-10D	4/11/2013	ND<1.25 U	FALSE
MW-10D	10/9/2013	ND<2.5 U	FALSE

MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	300	FALSE
MW-12D	9/30/2003	25	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	120	FALSE
MW-12D	4/11/2005	100	FALSE
MW-12D	9/27/2005	16	FALSE
MW-12D	3/27/2006	17	FALSE
MW-12D	9/27/2006	93	FALSE
MW-12D	3/27/2007	7.4 J	FALSE
MW-12D	9/28/2007	83.1	FALSE
MW-12D	3/27/2008	15.5	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	7	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	7.3	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-12D	10/10/2013	ND<2.5 U	FALSE

MW-13D	9/27/2005	130	FALSE
MW-13D	3/27/2006	80	FALSE

MW-13D	9/28/2006	34	FALSE
MW-13D	3/27/2007	30	FALSE
MW-13D	9/28/2007	0.67 J	FALSE
MW-13D	3/27/2008	9.6	FALSE
MW-13D	9/29/2008	5.2	FALSE
MW-13D	3/26/2009	17.3	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-13D	10/4/2012	ND<2.5 U	FALSE
MW-13D	4/9/2013	ND<1.25 U	FALSE
MW-13D	10/9/2013	5.4	FALSE
MW-14D	9/27/2006	ND<2.5 U	FALSE
MW-14D	3/27/2007	1.4 J	FALSE
MW-14D	9/28/2007	2 J	FALSE
MW-14D	3/27/2008	ND<0.1 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE
MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE
MW-14D	10/11/2013	ND<2.5 U	FALSE
MW-15D	10/10/2013	ND<2.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 53.44%
Background measurements (n) = 32
Maximum Background Concentration = 131
Minimum Coverage = 91.1%
Average Coverage = 96.9697%

Location	Date	Value	Significant
MW-10	7/14/1994	ND<20 U	FALSE
MW-10	12/14/1994	ND<20 U	FALSE
MW-10	5/7/1997	ND<2.5 U	FALSE
MW-10	11/19/1997	ND<2.5 U	FALSE
MW-10	4/29/1998	5 I	FALSE
MW-10	11/11/1998	ND<2.5 U	FALSE
MW-10	5/5/1999	ND<2.5 U	FALSE
MW-10	10/11/1999	ND<20 U	FALSE
MW-10	11/6/1999	ND<2.5 U	FALSE
MW-10	4/13/2000	ND<2.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	**5/2/2001**	**210**	**TRUE**
MW-10	10/24/2001	9.7	FALSE
MW-10	4/30/2002	21	FALSE
MW-10	5/2/2002	68	FALSE
MW-10	10/29/2002	50	FALSE
MW-10	3/25/2003	69	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	42	FALSE
MW-10	10/2/2003	ND<2.5 U	FALSE
MW-10	3/30/2004	18	FALSE
MW-10	4/1/2004	ND<2.5 U	FALSE
MW-10	9/27/2004	46	FALSE
MW-10	9/29/2004	ND<2.5 U	FALSE
MW-10	3/29/2005	ND<2.5 U	FALSE
MW-10	4/12/2005	74	FALSE
MW-10	9/27/2005	22	FALSE
MW-10	3/23/2006	33	FALSE
MW-10	9/26/2006	27	FALSE
MW-10	3/27/2007	7.3 J	FALSE
MW-10	9/27/2007	9	FALSE
MW-10	3/26/2008	7.8	FALSE
MW-10	9/26/2008	15.4	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	9.1	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	6.2	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10	10/3/2012	ND<2.5 U	FALSE
MW-10	4/11/2013	5.5	FALSE
MW-10	10/9/2013	7.9	FALSE

MW-7	7/14/1994	ND<20 U	FALSE
MW-7	12/14/1994	ND<20 U	FALSE
MW-7	3/16/1995	ND<20 U	FALSE
MW-7	5/12/1997	ND<2.5 U	FALSE
MW-7	11/17/1997	ND<2.5 U	FALSE
MW-7	**4/13/1998**	**134**	**TRUE**
MW-7	4/28/1998	ND<2.5 U	FALSE
MW-7	11/11/1998	ND<2.5 U	FALSE
MW-7	4/26/1999	7 I	FALSE
MW-7	5/5/1999	ND<2.5 U	FALSE
MW-7	10/11/1999	ND<20 U	FALSE
MW-7	11/2/1999	10 I	FALSE
MW-7	11/6/1999	ND<2.5 U	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	4/13/2000	ND<2.5 U	FALSE
MW-7	11/6/2000	46	FALSE
MW-7	4/30/2001	39	FALSE
MW-7	**10/22/2001**	**620**	**TRUE**
MW-7	**4/29/2002**	**310**	**TRUE**
MW-7	10/28/2002	49	FALSE
MW-7	3/25/2003	11	FALSE
MW-7	**9/29/2003**	**140**	**TRUE**
MW-7	3/30/2004	ND<2.5 U	FALSE
MW-7	9/27/2004	26	FALSE
MW-7	**4/12/2005**	**480**	**TRUE**
MW-7	9/26/2005	48	FALSE
MW-7	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-7	3/24/2006	5.5	FALSE
MW-7	9/26/2006	11	FALSE
MW-7	9/29/2006	ND<2.5 U	FALSE
MW-7	3/27/2007	23 J	FALSE
MW-7	3/29/2007	ND<12.5 U	FALSE
MW-7	9/26/2007	0.44 J	FALSE
MW-7	9/27/2007	8.3	FALSE
MW-7	3/26/2008	9.6	FALSE
MW-7	9/26/2008	9.9	FALSE
MW-7	3/26/2009	7.7	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	58.4	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE
MW-7	10/3/2012	ND<2.5 U	FALSE
MW-7	4/1/2013	ND<2.5 U	FALSE
MW-7	4/9/2013	ND<1.25 U	FALSE
MW-7	10/9/2013	ND<2.5 U	FALSE

MW-8	7/14/1994	ND<20 U	FALSE
MW-8	12/15/1994	ND<20 U	FALSE
MW-8	5/12/1997	21	FALSE
MW-8	11/19/1997	15 I	FALSE
MW-8	4/17/1998	23	FALSE
MW-8	4/28/1998	11 I	FALSE
MW-8	11/10/1998	81	FALSE

MW-8	11/11/1998	36	FALSE
MW-8	4/26/1999	12 I	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<20 U	FALSE
MW-8	11/1/1999	8 I	FALSE
MW-8	11/6/1999	20 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	4/13/2000	11 I	FALSE
MW-8	11/1/2000	62	FALSE
MW-8	11/7/2000	13	FALSE
MW-8	4/30/2001	16	FALSE
MW-8	5/2/2001	12	FALSE
MW-8	**10/22/2001**	**160**	**TRUE**
MW-8	10/24/2001	41	FALSE
MW-8	1/14/2002	18	FALSE
MW-8	4/29/2002	72	FALSE
MW-8	**5/2/2002**	**270**	**TRUE**
MW-8	10/28/2002	ND<2.5 U	FALSE
MW-8	10/31/2002	13	FALSE
MW-8	3/25/2003	7	FALSE
MW-8	3/28/2003	51	FALSE
MW-8	9/30/2003	7.6	FALSE
MW-8	10/2/2003	41	FALSE
MW-8	3/30/2004	15	FALSE
MW-8	4/1/2004	52	FALSE
MW-8	9/27/2004	14	FALSE
MW-8	9/29/2004	16	FALSE
MW-8	3/29/2005	17	FALSE
MW-8	4/12/2005	26	FALSE
MW-8	9/27/2005	ND<2.5 U	FALSE
MW-8	3/23/2006	ND<2.5 U	FALSE
MW-8	9/26/2006	ND<2.5 U	FALSE
MW-8	3/27/2007	5.4 J	FALSE
MW-8	9/28/2007	3.1 J	FALSE
MW-8	3/27/2008	11.5	FALSE
MW-8	9/29/2008	6.5	FALSE
MW-8	3/25/2009	5.7	FALSE
MW-8	10/5/2009	10.3	FALSE
MW-8	4/6/2010	7.2	FALSE
MW-8	10/8/2010	5.9	FALSE
MW-8	3/29/2011	5.4	FALSE
MW-8	10/6/2011	6.9	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8	10/5/2012	8.7	FALSE
MW-8	4/9/2013	ND<1.25 U	FALSE
MW-8	10/11/2013	6.4	FALSE

MW-5	7/15/1994	ND<20 U	FALSE
MW-5	10/21/1994	ND<20 U	FALSE
MW-5	12/14/1994	ND<20 U	FALSE
MW-5	3/16/1995	ND<20 U	FALSE
MW-5	6/22/1995	ND<20 U	FALSE
MW-5	10/4/1995	ND<20 U	FALSE
MW-5	5/13/1997	ND<2.5 U	FALSE
MW-5	11/20/1997	ND<2.5 U	FALSE
MW-5	**4/13/1998**	**198**	**TRUE**

MW-5	4/29/1998	ND<2.5 U	FALSE
MW-5	11/11/1998	116	FALSE
MW-5	11/16/1998	ND<2.5 U	FALSE
MW-5	4/26/1999	50	FALSE
MW-5	5/6/1999	ND<2.5 U	FALSE
MW-5	10/11/1999	ND<20 U	FALSE
MW-5	11/2/1999	50	FALSE
MW-5	11/6/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	52	FALSE
MW-5	4/12/2000	ND<2.5 U	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	55	FALSE
MW-5	4/30/2001	51	FALSE
MW-5	5/3/2001	17	FALSE
MW-5	10/22/2001	38	FALSE
MW-5	10/24/2001	12	FALSE
MW-5	4/29/2002	130	FALSE
MW-5	5/1/2002	12	FALSE
MW-5	10/28/2002	13	FALSE
MW-5	10/31/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	38	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	28	FALSE
MW-5	10/3/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	15	FALSE
MW-5	4/2/2004	ND<2.5 U	FALSE
MW-5	9/27/2004	25	FALSE
MW-5	9/30/2004	ND<2.5 U	FALSE
MW-5	3/30/2005	ND<2.5 U	FALSE
MW-5	4/12/2005	13	FALSE
MW-5	9/26/2005	26	FALSE
MW-5	**9/29/2005**	**ND<2500 U**	**TRUE**
MW-5	3/24/2006	11	FALSE
MW-5	9/26/2006	25	FALSE
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	3/27/2007	7.8 J	FALSE
MW-5	3/29/2007	ND<12.5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/27/2007	8.3	FALSE
MW-5	3/26/2008	13.7	FALSE
MW-5	3/31/2008	ND<0.1 U	FALSE
MW-5	9/23/2008	ND<2.5 U	FALSE
MW-5	9/30/2008	8.8	FALSE
MW-5	3/26/2009	20.7	FALSE
MW-5	3/30/2009	ND<2.5 U	FALSE
MW-5	10/2/2009	24.2	FALSE
MW-5	10/7/2009	ND<2.5 U	FALSE
MW-5	3/30/2010	ND<2.5 U	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	6.4	FALSE
MW-5	4/4/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	ND<2.5 U	FALSE

MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	ND<2.5 U	FALSE
MW-5	4/1/2013	ND<2.5 U	FALSE
MW-5	4/11/2013	5.1	FALSE
MW-5	10/9/2013	ND<2.5 U	FALSE
MW-5	10/14/2013	ND<2.5 U	FALSE

MW-6	7/15/1994	ND<20 U	FALSE
MW-6	10/21/1994	ND<20 U	FALSE
MW-6	12/14/1994	ND<20 U	FALSE
MW-6	3/16/1995	ND<20 U	FALSE
MW-6	6/22/1995	ND<20 U	FALSE
MW-6	10/4/1995	ND<20 U	FALSE
MW-6	5/7/1997	ND<2.5 U	FALSE
MW-6	11/20/1997	ND<2.5 U	FALSE
MW-6	4/13/1998	74	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	86	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	4/26/1999	35	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	ND<20 U	FALSE
MW-6	11/2/1999	30	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	8 I	FALSE
MW-6	4/12/2000	ND<2.5 U	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	49	FALSE
MW-6	4/30/2001	15	FALSE
MW-6	5/3/2001	12	FALSE
MW-6	**10/22/2001**	**550**	**TRUE**
MW-6	10/24/2001	8.7	FALSE
MW-6	**4/29/2002**	**350**	**TRUE**
MW-6	5/2/2002	12	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	**9/29/2003**	**380**	**TRUE**
MW-6	10/2/2003	ND<2.5 U	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	4/2/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	49	FALSE
MW-6	9/29/2004	ND<2.5 U	FALSE
MW-6	3/30/2005	ND<2.5 U	FALSE
MW-6	**4/12/2005**	**430**	**TRUE**
MW-6	9/26/2005	29	FALSE
MW-6	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-6	3/24/2006	18	FALSE
MW-6	9/26/2006	120	FALSE
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	3/27/2007	2.2 J	FALSE
MW-6	3/29/2007	ND<12.5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	48.1	FALSE
MW-6	4/1/2008	ND<0.1 U	FALSE

MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	6.1	FALSE
MW-6	3/26/2009	8.2	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	ND<2.5 U	FALSE
MW-6	4/2/2010	38.3	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/1/2013	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<1.25 U	FALSE
MW-6	10/9/2013	ND<2.5 U	FALSE
MW-6	10/15/2013	ND<2.5 U	FALSE

MW-14	7/18/1994	ND<20 U	FALSE
MW-14	12/14/1994	ND<20 U	FALSE
MW-14	5/12/1997	ND<2.5 U	FALSE
MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	ND<2.5 U	FALSE
MW-14	10/11/1999	ND<20 U	FALSE
MW-14	11/3/1999	ND<2.5 U	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<2.5 U	FALSE
MW-14	3/31/2004	ND<2.5 U	FALSE
MW-14	9/29/2004	ND<2.5 U	FALSE
MW-14	3/25/2005	ND<2.5 U	FALSE
MW-14	**9/27/2006**	**430**	**TRUE**
MW-14	3/27/2007	17 J	FALSE
MW-14	9/28/2007	111	FALSE
MW-14	3/27/2008	56.1	FALSE
MW-14	9/30/2008	20.4	FALSE
MW-14	3/26/2009	10.6	FALSE
MW-14	10/2/2009	10	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	10.1	FALSE
MW-14	3/29/2011	11.3	FALSE
MW-14	10/6/2011	9.1	FALSE
MW-14	4/5/2012	10.3	FALSE
MW-14	10/5/2012	9.3	FALSE

MW-14	4/11/2013	6.3	FALSE
MW-14	10/11/2013	ND<2.5 U	FALSE

MW-3	7/18/1994	ND<20 U	FALSE
MW-3	12/12/1994	ND<20 U	FALSE
MW-3	5/14/1997	ND<2.5 U	FALSE
MW-3	11/20/1997	ND<2.5 U	FALSE
MW-3	**4/14/1998**	**783**	**TRUE**
MW-3	4/29/1998	ND<2.5 U	FALSE
MW-3	**11/9/1998**	**600**	**TRUE**
MW-3	11/17/1998	ND<2.5 U	FALSE
MW-3	**4/27/1999**	**132**	**TRUE**
MW-3	5/7/1999	ND<2.5 U	FALSE
MW-3	10/11/1999	ND<20 U	FALSE
MW-3	11/1/1999	75	FALSE
MW-3	11/6/1999	ND<2.5 U	FALSE
MW-3	4/3/2000	6 I	FALSE
MW-3	4/12/2000	ND<2.5 U	FALSE
MW-3	11/3/2000	18	FALSE
MW-3	11/6/2000	35	FALSE
MW-3	4/30/2001	22	FALSE
MW-3	5/3/2001	55	FALSE
MW-3	10/22/2001	97	FALSE
MW-3	10/25/2001	42	FALSE
MW-3	**4/29/2002**	**140**	**TRUE**
MW-3	5/2/2002	33	FALSE
MW-3	10/28/2002	36	FALSE
MW-3	10/31/2002	13	FALSE
MW-3	3/24/2003	66	FALSE
MW-3	4/3/2003	5.1	FALSE
MW-3	9/29/2003	94	FALSE
MW-3	10/3/2003	ND<2.5 U	FALSE
MW-3	3/30/2004	22	FALSE
MW-3	4/2/2004	ND<2.5 U	FALSE
MW-3	9/27/2004	37	FALSE
MW-3	9/30/2004	ND<2.5 U	FALSE
MW-3	3/30/2005	ND<2.5 U	FALSE
MW-3	**4/11/2005**	**540**	**TRUE**
MW-3	9/26/2005	100	FALSE
MW-3	**9/29/2005**	**ND<2500 U**	**TRUE**
MW-3	**3/23/2006**	**190**	**TRUE**
MW-3	9/26/2006	41	FALSE
MW-3	9/29/2006	ND<2.5 U	FALSE
MW-3	3/27/2007	22 J	FALSE
MW-3	3/30/2007	ND<12.5 U	FALSE
MW-3	9/26/2007	0.36 J	FALSE
MW-3	9/28/2007	22.5	FALSE
MW-3	3/26/2008	90.4	FALSE
MW-3	3/31/2008	ND<0.1 U	FALSE
MW-3	9/23/2008	ND<2.5 U	FALSE
MW-3	9/30/2008	15.6	FALSE
MW-3	3/26/2009	93	FALSE
MW-3	3/31/2009	ND<2.5 U	FALSE
MW-3	10/1/2009	18.4	FALSE
MW-3	10/7/2009	ND<2.5 U	FALSE
MW-3	3/29/2010	ND<2.5 U	FALSE

MW-3	4/2/2010	12.4	FALSE
MW-3	9/28/2010	ND<2.5 U	FALSE
MW-3	10/6/2010	17.2	FALSE
MW-3	3/25/2011	9.8	FALSE
MW-3	4/4/2011	ND<2.5 U	FALSE
MW-3	10/5/2011	6.1	FALSE
MW-3	10/10/2011	ND<2.5 U	FALSE
MW-3	4/4/2012	12.8	FALSE
MW-3	4/10/2012	ND<2.5 U	FALSE
MW-3	10/3/2012	10.3	FALSE
MW-3	10/10/2012	ND<2.5 U	FALSE
MW-3	4/1/2013	ND<2.5 U	FALSE
MW-3	4/10/2013	ND<1.25 U	FALSE
MW-3	10/9/2013	ND<2.5 U	FALSE
MW-3	10/14/2013	ND<2.5 U	FALSE
MW-4	7/18/1994	ND<20 U	FALSE
MW-4	12/14/1994	ND<20 U	FALSE
MW-4	5/13/1997	ND<2.5 U	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**342**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE
MW-4	11/9/1998	55	FALSE
MW-4	11/16/1998	ND<2.5 U	FALSE
MW-4	4/26/1999	22	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<20 U	FALSE
MW-4	11/1/1999	11 I	FALSE
MW-4	11/6/1999	ND<2.5 U	FALSE
MW-4	4/4/2000	56	FALSE
MW-4	4/12/2000	ND<2.5 U	FALSE
MW-4	11/3/2000	10	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	5/3/2001	14	FALSE
MW-4	10/22/2001	23	FALSE
MW-4	10/25/2001	16	FALSE
MW-4	4/29/2002	24	FALSE
MW-4	5/2/2002	19	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	10/31/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	19	FALSE
MW-4	4/3/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE
MW-4	10/3/2003	ND<2.5 U	FALSE
MW-4	3/29/2004	38	FALSE
MW-4	4/2/2004	ND<2.5 U	FALSE
MW-4	9/27/2004	5.1	FALSE
MW-4	9/30/2004	ND<2.5 U	FALSE
MW-4	3/30/2005	ND<2.5 U	FALSE
MW-4	4/11/2005	110	FALSE
MW-4	9/26/2005	31	FALSE
MW-4	**9/29/2005**	**ND<2500 U**	**TRUE**
MW-4	3/24/2006	32	FALSE
MW-4	9/27/2006	11	FALSE
MW-4	9/29/2006	ND<2.5 U	FALSE

MW-4	3/27/2007	4.3 J	FALSE
MW-4	3/29/2007	ND<12.5 U	FALSE
MW-4	9/26/2007	ND<2.5 U	FALSE
MW-4	9/28/2007	4.5 J	FALSE
MW-4	3/26/2008	10.5	FALSE
MW-4	3/31/2008	ND<0.1 U	FALSE
MW-4	9/23/2008	ND<2.5 U	FALSE
MW-4	9/29/2008	7	FALSE
MW-4	3/26/2009	6.8	FALSE
MW-4	3/31/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	6.5	FALSE
MW-4	10/7/2009	ND<2.5 U	FALSE
MW-4	3/30/2010	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	7.2	FALSE
MW-4	10/10/2011	ND<2.5 U	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	ND<2.5 U	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	10/10/2012	ND<2.5 U	FALSE
MW-4	4/1/2013	ND<2.5 U	FALSE
MW-4	4/10/2013	67.7	FALSE
MW-4	10/10/2013	ND<2.5 U	FALSE
MW-4	10/14/2013	ND<2.5 U	FALSE

MW-2	7/19/1994	ND<20 U	FALSE
MW-2	10/25/1994	ND<20 U	FALSE
MW-2	12/16/1994	ND<20 U	FALSE
MW-2	3/16/1995	ND<20 U	FALSE
MW-2	6/23/1995	ND<20 U	FALSE
MW-2	10/4/1995	ND<20 U	FALSE
MW-2	10/10/1996	ND<20 U	FALSE
MW-2	5/14/1997	ND<2.5 U	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	4/15/1998	47	FALSE
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	36	FALSE
MW-2	11/16/1998	ND<2.5 U	FALSE
MW-2	4/27/1999	ND<2.5 U	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	16 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	14 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	7.8	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	12	FALSE
MW-2	10/22/2001	77	FALSE
MW-2	10/24/2001	32	FALSE
MW-2	4/29/2002	87	FALSE
MW-2	5/2/2002	21	FALSE

MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	7	FALSE
MW-2	3/24/2003	6.8	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	30	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	23	FALSE
MW-2	4/2/2004	ND<2.5 U	FALSE
MW-2	9/27/2004	74	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	ND<2.5 U	FALSE
MW-2	4/11/2005	98	FALSE
MW-2	9/26/2005	59	FALSE
MW-2	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-2	3/23/2006	92	FALSE
MW-2	9/28/2006	23	FALSE
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	1.4 J	FALSE
MW-2	3/30/2007	ND<12.5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/28/2007	76.1	FALSE
MW-2	3/26/2008	ND<0.1 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	11.8	FALSE
MW-2	3/26/2009	37.8	FALSE
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	10/1/2009	96.8	FALSE
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	12.5	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	7.1	FALSE
MW-2	10/11/2013	ND<2.5 U	FALSE
MW-2	10/15/2013	ND<2.5 U	FALSE

MW-11	4/29/2002	130	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	7.7	FALSE
MW-11	9/29/2003	7.9	FALSE
MW-11	3/30/2004	19	FALSE
MW-11	9/27/2004	ND<2.5 U	FALSE
MW-11	4/12/2005	ND<2.5 U	FALSE
MW-11	9/26/2005	6.1	FALSE
MW-11	3/23/2006	30	FALSE
MW-11	9/26/2006	ND<2.5 U	FALSE
MW-11	3/27/2007	2 J	FALSE

MW-11	9/27/2007	58.6	FALSE
MW-11	3/27/2008	ND<0.1 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11	10/5/2012	ND<2.5 U	FALSE
MW-11	4/9/2013	ND<1.25 U	FALSE
MW-11	10/9/2013	ND<2.5 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	45	FALSE
MW-12	9/30/2003	13	FALSE
MW-12	3/30/2004	ND<2.5 U	FALSE
MW-12	9/27/2004	24	FALSE
MW-12	4/11/2005	26	FALSE
MW-12	9/27/2005	9.2	FALSE
MW-12	3/27/2006	17	FALSE
MW-12	9/27/2006	8.7	FALSE
MW-12	3/27/2007	2.4 J	FALSE
MW-12	9/28/2007	91.9	FALSE
MW-12	3/27/2008	ND<0.1 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	22.2	FALSE
MW-12	10/2/2009	10.9	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	11.1	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE
MW-12	4/11/2013	ND<2.5 U	FALSE
MW-12	10/10/2013	ND<2.5 U	FALSE
MW-13	9/27/2005	ND<2.5 U	FALSE
MW-13	3/27/2006	ND<2.5 U	FALSE
MW-13	9/28/2006	ND<2.5 U	FALSE
MW-13	3/27/2007	ND<12.5 U	FALSE
MW-13	9/28/2007	0.7 J	FALSE
MW-13	3/27/2008	ND<0.1 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13	10/4/2012	ND<2.5 U	FALSE
MW-13	4/9/2013	ND<1.25 U	FALSE
MW-13	10/9/2013	8.1	FALSE

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 28
Compliance measurements = 232
Comparison Level = 0.3

28 background measurements exceed 0.3
226 compliance measurements exceed 0.3

p background = 1 = 28 / 28
p compliance = 0.974138 = 226 / 232
p total = 0.976923 = 254 / 260

nPs = 226
mPb = 28
n(1-Ps) = 6
m(1-Pb = 0 < 5.0

Zp = -0.860955 = -0.0258621 / 0.0300388
Z critical = 1.64485 at 95% confidence level

-0.860955 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 32
Compliance measurements = 593
Comparison Level = 0.3

32 background measurements exceed 0.3
585 compliance measurements exceed 0.3

p background = 1 = 32 / 32
p compliance = 0.986509 = 585 / 593
p total = 0.9872 = 617 / 625

nPs = 585
mPb = 32
n(1-Ps) = 8
m(1-Pb = 0 < 5.0

Zp = -0.661287 = -0.0134907 / 0.0204007
Z critical = 1.64485 at 95% confidence level

-0.661287 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

Non-Parametric Tolerance Interval

Parameter: Vinyl chloride

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

Total Percent Non-Detects = 86.9144%
Background measurements (n) = 30
Maximum Background Concentration = 5
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-3	4/16/1992	ND<5 U	FALSE
MW-3	5/4/1992	ND<1 U	FALSE
MW-3	9/21/1992	ND<5 U	FALSE
MW-3	4/9/1993	ND<5 U	FALSE
MW-3	7/18/1994	ND<5 U	FALSE
MW-3	12/12/1994	ND<5 U	FALSE
MW-3	10/15/1996	ND<5 U	FALSE
MW-3	**5/14/1997**	**8 Q**	**TRUE**
MW-3	**11/20/1997**	**13**	**TRUE**
MW-3	4/14/1998	ND<0.5 U	FALSE
MW-3	**4/29/1998**	**16**	**TRUE**
MW-3	11/9/1998	ND<0.5 U	FALSE
MW-3	**11/17/1998**	**19**	**TRUE**
MW-3	4/27/1999	ND<0.5 U	FALSE
MW-3	**5/7/1999**	**14**	**TRUE**
MW-3	11/1/1999	ND<0.5 U	FALSE
MW-3	**11/6/1999**	**14**	**TRUE**
MW-3	4/3/2000	ND<0.5 U	FALSE
MW-3	**4/12/2000**	**24**	**TRUE**
MW-3	**11/3/2000**	**12**	**TRUE**
MW-3	11/6/2000	ND<5 U	FALSE
MW-3	5/3/2001	ND<5 U	FALSE
MW-3	10/22/2001	ND<1 U	FALSE
MW-3	**10/25/2001**	**11.7**	**TRUE**
MW-3	4/29/2002	ND<0.5 U	FALSE
MW-3	**5/2/2002**	**6.8**	**TRUE**
MW-3	**10/31/2002**	**13**	**TRUE**
MW-3	3/24/2003	ND<2.5 U	FALSE
MW-3	4/3/2003	ND<2.5 U	FALSE
MW-3	9/29/2003	ND<0.5 U	FALSE
MW-3	10/3/2003	ND<0.5 U	FALSE
MW-3	3/30/2004	ND<0.5 U	FALSE
MW-3	4/2/2004	ND<0.5 U	FALSE
MW-3	9/27/2004	ND<0.5 U	FALSE
MW-3	**9/30/2004**	**6.8**	**TRUE**
MW-3	3/30/2005	ND<0.5 U	FALSE
MW-3	4/11/2005	ND<0.5 U	FALSE
MW-3	9/26/2005	ND<0.5 U	FALSE
MW-3	**9/29/2005**	**6.5**	**TRUE**
MW-3	3/23/2006	ND<0.5 U	FALSE
MW-3	9/26/2006	ND<0.5 U	FALSE
MW-3	**9/29/2006**	**5.3**	**TRUE**
MW-3	3/27/2007	ND<0.5 U	FALSE
MW-3	3/30/2007	4.6	FALSE

MW-3	**9/26/2007**	**5.6**	**TRUE**
MW-3	9/28/2007	ND<0.5 U	FALSE
MW-3	3/26/2008	ND<0.31 U	FALSE
MW-3	**3/31/2008**	**5.5**	**TRUE**
MW-3	9/23/2008	4.2	FALSE
MW-3	9/30/2008	ND<0.5 U	FALSE
MW-3	3/26/2009	ND<0.5 U	FALSE
MW-3	3/31/2009	4.2	FALSE
MW-3	10/1/2009	ND<0.5 U	FALSE
MW-3	10/7/2009	4.8	FALSE
MW-3	3/29/2010	3	FALSE
MW-3	4/2/2010	ND<0.5 U	FALSE
MW-3	**9/28/2010**	**6.9**	**TRUE**
MW-3	10/6/2010	ND<0.5 U	FALSE
MW-3	3/25/2011	ND<0.5 U	FALSE
MW-3	4/4/2011	3.1	FALSE
MW-3	10/5/2011	ND<0.5 U	FALSE
MW-3	10/10/2011	3.9	FALSE
MW-3	4/4/2012	ND<0.5 U	FALSE
MW-3	4/10/2012	4	FALSE
MW-3	10/3/2012	1.2	FALSE
MW-3	10/10/2012	3	FALSE
MW-3	4/1/2013	2.3	FALSE
MW-3	4/10/2013	1.3	FALSE
MW-3	10/9/2013	2	FALSE
MW-3	10/14/2013	2.7	FALSE

MW-2	5/4/1992	ND<1 U	FALSE
MW-2	9/22/1992	ND<5 U	FALSE
MW-2	4/13/1993	ND<5 U	FALSE
MW-2	7/19/1994	ND<5 U	FALSE
MW-2	10/25/1994	ND<5 U	FALSE
MW-2	12/16/1994	ND<5 U	FALSE
MW-2	3/16/1995	ND<5 U	FALSE
MW-2	6/23/1995	ND<5 U	FALSE
MW-2	10/4/1995	ND<5 U	FALSE
MW-2	10/10/1996	ND<5 U	FALSE
MW-2	5/14/1997	ND<0.5 U	FALSE
MW-2	11/17/1997	ND<0.5 U	FALSE
MW-2	4/15/1998	ND<0.5 U	FALSE
MW-2	4/28/1998	ND<0.5 U	FALSE
MW-2	11/11/1998	ND<0.5 U	FALSE
MW-2	11/16/1998	ND<0.5 U	FALSE
MW-2	4/27/1999	ND<0.5 U	FALSE
MW-2	5/6/1999	ND<0.5 U	FALSE
MW-2	11/2/1999	ND<0.5 U	FALSE
MW-2	11/6/1999	ND<0.5 U	FALSE
MW-2	4/4/2000	ND<0.5 U	FALSE
MW-2	4/12/2000	ND<0.5 U	FALSE
MW-2	11/2/2000	ND<5 U	FALSE
MW-2	11/6/2000	ND<5 U	FALSE
MW-2	5/2/2001	ND<5 U	FALSE
MW-2	10/22/2001	ND<1 U	FALSE
MW-2	10/24/2001	ND<1 U	FALSE
MW-2	4/29/2002	ND<0.5 U	FALSE
MW-2	5/2/2002	ND<0.5 U	FALSE

MW-2	10/30/2002	ND<5 U	FALSE
MW-2	3/24/2003	ND<2.5 U	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	ND<0.5 U	FALSE
MW-2	10/6/2003	ND<5 U	FALSE
MW-2	3/29/2004	ND<0.5 U	FALSE
MW-2	4/2/2004	ND<0.5 U	FALSE
MW-2	9/27/2004	ND<0.5 U	FALSE
MW-2	10/6/2004	ND<5 U	FALSE
MW-2	3/30/2005	ND<0.5 U	FALSE
MW-2	4/11/2005	ND<0.5 U	FALSE
MW-2	9/26/2005	ND<0.5 U	FALSE
MW-2	9/30/2005	ND<0.5 U	FALSE
MW-2	3/23/2006	ND<0.5 U	FALSE
MW-2	9/28/2006	ND<0.5 U	FALSE
MW-2	9/29/2006	ND<0.5 U	FALSE
MW-2	3/27/2007	ND<0.5 U	FALSE
MW-2	3/30/2007	ND<0.5 U	FALSE
MW-2	9/27/2007	ND<0.5 U	FALSE
MW-2	9/28/2007	ND<0.5 U	FALSE
MW-2	3/26/2008	ND<0.31 U	FALSE
MW-2	9/23/2008	ND<0.5 U	FALSE
MW-2	9/29/2008	ND<0.5 U	FALSE
MW-2	3/26/2009	ND<0.5 U	FALSE
MW-2	3/31/2009	ND<0.5 U	FALSE
MW-2	10/1/2009	ND<0.5 U	FALSE
MW-2	10/7/2009	ND<0.5 U	FALSE
MW-2	3/29/2010	ND<0.5 U	FALSE
MW-2	4/6/2010	ND<0.5 U	FALSE
MW-2	9/27/2010	ND<0.5 U	FALSE
MW-2	10/8/2010	ND<0.5 U	FALSE
MW-2	3/25/2011	ND<0.5 U	FALSE
MW-2	4/5/2011	ND<0.5 U	FALSE
MW-2	10/5/2011	ND<0.5 U	FALSE
MW-2	10/10/2011	ND<0.5 U	FALSE
MW-2	4/4/2012	ND<0.5 U	FALSE
MW-2	4/10/2012	ND<0.5 U	FALSE
MW-2	10/5/2012	ND<0.5 U	FALSE
MW-2	10/11/2012	ND<0.5 U	FALSE
MW-2	4/1/2013	ND<0.31 U	FALSE
MW-2	4/10/2013	ND<0.31 U	FALSE
MW-2	10/11/2013	ND<0.5 U	FALSE
MW-2	10/15/2013	ND<0.5 U	FALSE

MW-4	5/4/1992	ND<1 U	FALSE
MW-4	9/21/1992	ND<5 U	FALSE
MW-4	7/18/1994	ND<5 U	FALSE
MW-4	12/14/1994	ND<5 U	FALSE
MW-4	10/15/1996	ND<5 U	FALSE
MW-4	5/13/1997	ND<0.5 U	FALSE
MW-4	11/20/1997	ND<0.5 U	FALSE
MW-4	4/15/1998	ND<0.5 U	FALSE
MW-4	4/29/1998	ND<0.5 U	FALSE
MW-4	11/9/1998	ND<0.5 U	FALSE
MW-4	11/16/1998	ND<0.5 U	FALSE
MW-4	4/26/1999	ND<0.5 U	FALSE

MW-4	5/6/1999	ND<0.5 U	FALSE
MW-4	11/1/1999	ND<0.5 U	FALSE
MW-4	11/6/1999	ND<0.5 U	FALSE
MW-4	4/4/2000	ND<0.5 U	FALSE
MW-4	4/12/2000	ND<0.5 U	FALSE
MW-4	11/3/2000	ND<5 U	FALSE
MW-4	11/6/2000	ND<5 U	FALSE
MW-4	5/3/2001	ND<5 U	FALSE
MW-4	10/22/2001	ND<1 U	FALSE
MW-4	10/25/2001	ND<1 U	FALSE
MW-4	4/29/2002	ND<0.5 U	FALSE
MW-4	5/2/2002	ND<0.5 U	FALSE
MW-4	10/31/2002	ND<5 U	FALSE
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	4/3/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<0.5 U	FALSE
MW-4	10/3/2003	ND<0.5 U	FALSE
MW-4	3/29/2004	ND<0.5 U	FALSE
MW-4	4/2/2004	ND<0.5 U	FALSE
MW-4	9/27/2004	ND<0.5 U	FALSE
MW-4	9/30/2004	2.5	FALSE
MW-4	3/30/2005	ND<0.5 U	FALSE
MW-4	4/11/2005	ND<0.5 U	FALSE
MW-4	9/26/2005	ND<0.5 U	FALSE
MW-4	9/29/2005	ND<0.5 U	FALSE
MW-4	3/24/2006	ND<0.5 U	FALSE
MW-4	9/27/2006	ND<0.5 U	FALSE
MW-4	9/29/2006	2.8	FALSE
MW-4	3/27/2007	ND<0.5 U	FALSE
MW-4	3/29/2007	3	FALSE
MW-4	9/26/2007	3.2	FALSE
MW-4	9/28/2007	ND<0.5 U	FALSE
MW-4	3/26/2008	ND<0.31 U	FALSE
MW-4	3/31/2008	3.9	FALSE
MW-4	9/23/2008	3	FALSE
MW-4	9/29/2008	ND<0.5 U	FALSE
MW-4	3/26/2009	ND<0.5 U	FALSE
MW-4	3/31/2009	3.2	FALSE
MW-4	10/2/2009	ND<0.5 U	FALSE
MW-4	10/7/2009	4.6	FALSE
MW-4	3/30/2010	3.1	FALSE
MW-4	4/6/2010	ND<0.5 U	FALSE
MW-4	**9/28/2010**	**5.9**	**TRUE**
MW-4	10/7/2010	ND<0.5 U	FALSE
MW-4	3/29/2011	ND<0.5 U	FALSE
MW-4	4/4/2011	3.3	FALSE
MW-4	10/5/2011	ND<0.5 U	FALSE
MW-4	10/10/2011	4.4	FALSE
MW-4	4/5/2012	ND<0.5 U	FALSE
MW-4	4/10/2012	4.6	FALSE
MW-4	10/4/2012	ND<0.5 U	FALSE
MW-4	10/10/2012	3.4	FALSE
MW-4	4/1/2013	2.4	FALSE
MW-4	4/10/2013	ND<0.31 U	FALSE
MW-4	10/10/2013	ND<0.5 U	FALSE
MW-4	10/14/2013	2.9	FALSE

MW-5	5/4/1992	ND<1 U	FALSE
MW-5	9/21/1992	ND<5 U	FALSE
MW-5	7/15/1994	ND<5 U	FALSE
MW-5	10/21/1994	ND<5 U	FALSE
MW-5	12/14/1994	ND<5 U	FALSE
MW-5	3/16/1995	ND<5 U	FALSE
MW-5	6/22/1995	ND<5 U	FALSE
MW-5	10/4/1995	ND<5 U	FALSE
MW-5	10/16/1996	ND<5 U	FALSE
MW-5	5/13/1997	3 I	FALSE
MW-5	11/20/1997	4 I	FALSE
MW-5	4/13/1998	ND<0.5 U	FALSE
MW-5	4/29/1998	4 I	FALSE
MW-5	11/11/1998	ND<0.5 U	FALSE
MW-5	11/16/1998	5	FALSE
MW-5	4/26/1999	ND<0.5 U	FALSE
MW-5	5/6/1999	4 I	FALSE
MW-5	11/2/1999	ND<0.5 U	FALSE
MW-5	11/6/1999	ND<0.5 U	FALSE
MW-5	4/3/2000	ND<0.5 U	FALSE
MW-5	**4/12/2000**	**6**	**TRUE**
MW-5	11/1/2000	ND<5 U	FALSE
MW-5	11/6/2000	ND<5 U	FALSE
MW-5	5/3/2001	ND<5 U	FALSE
MW-5	10/22/2001	ND<1 U	FALSE
MW-5	10/24/2001	ND<1 U	FALSE
MW-5	4/29/2002	ND<0.5 U	FALSE
MW-5	5/1/2002	ND<0.5 U	FALSE
MW-5	12/3/2002	ND<5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<0.5 U	FALSE
MW-5	10/3/2003	ND<5 U	FALSE
MW-5	3/30/2004	ND<0.5 U	FALSE
MW-5	4/2/2004	ND<0.5 U	FALSE
MW-5	9/27/2004	ND<0.5 U	FALSE
MW-5	9/30/2004	ND<5 U	FALSE
MW-5	3/30/2005	ND<0.5 U	FALSE
MW-5	4/12/2005	ND<0.5 U	FALSE
MW-5	9/26/2005	ND<0.5 U	FALSE
MW-5	9/29/2005	ND<0.5 U	FALSE
MW-5	3/24/2006	ND<0.5 U	FALSE
MW-5	9/26/2006	ND<0.5 U	FALSE
MW-5	9/29/2006	2.2	FALSE
MW-5	3/27/2007	ND<0.5 U	FALSE
MW-5	3/29/2007	1.8	FALSE
MW-5	9/26/2007	1.4	FALSE
MW-5	9/27/2007	ND<0.5 U	FALSE
MW-5	3/26/2008	ND<0.31 U	FALSE
MW-5	3/31/2008	1.7	FALSE
MW-5	9/23/2008	1.5	FALSE
MW-5	9/30/2008	ND<0.5 U	FALSE
MW-5	3/26/2009	ND<0.5 U	FALSE
MW-5	3/30/2009	1.6	FALSE
MW-5	10/2/2009	ND<0.5 U	FALSE
MW-5	10/7/2009	ND<0.5 U	FALSE

MW-5	3/30/2010	1.1	FALSE
MW-5	4/2/2010	ND<0.5 U	FALSE
MW-5	9/28/2010	1.4	FALSE
MW-5	10/6/2010	ND<0.5 U	FALSE
MW-5	3/25/2011	ND<0.5 U	FALSE
MW-5	4/4/2011	1	FALSE
MW-5	10/5/2011	ND<0.5 U	FALSE
MW-5	10/10/2011	1.2	FALSE
MW-5	4/5/2012	ND<0.5 U	FALSE
MW-5	4/10/2012	1.3	FALSE
MW-5	10/3/2012	ND<0.5 U	FALSE
MW-5	10/10/2012	ND<0.5 U	FALSE
MW-5	4/1/2013	ND<0.31 U	FALSE
MW-5	4/11/2013	ND<0.31 U	FALSE
MW-5	10/9/2013	ND<0.5 U	FALSE
MW-5	10/14/2013	ND<0.5 U	FALSE

MW-6	5/4/1992	ND<1 U	FALSE
MW-6	9/21/1992	ND<5 U	FALSE
MW-6	7/15/1994	ND<5 U	FALSE
MW-6	10/21/1994	ND<5 U	FALSE
MW-6	12/14/1994	ND<5 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	**6/22/1995**	**12**	**TRUE**
MW-6	10/4/1995	ND<5 U	FALSE
MW-6	10/15/1996	ND<5 U	FALSE
MW-6	**11/20/1997**	**6**	**TRUE**
MW-6	4/13/1998	ND<0.5 U	FALSE
MW-6	4/28/1998	5	FALSE
MW-6	11/11/1998	ND<0.5 U	FALSE
MW-6	**11/16/1998**	**6**	**TRUE**
MW-6	4/26/1999	ND<0.5 U	FALSE
MW-6	5/5/1999	4 I	FALSE
MW-6	11/2/1999	ND<0.5 U	FALSE
MW-6	11/5/1999	5	FALSE
MW-6	4/3/2000	ND<0.5 U	FALSE
MW-6	4/12/2000	5	FALSE
MW-6	11/2/2000	ND<5 U	FALSE
MW-6	11/6/2000	ND<5 U	FALSE
MW-6	5/3/2001	ND<5 U	FALSE
MW-6	10/22/2001	ND<1 U	FALSE
MW-6	10/24/2001	ND<1 U	FALSE
MW-6	4/29/2002	ND<0.5 U	FALSE
MW-6	5/2/2002	ND<0.5 U	FALSE
MW-6	12/3/2002	ND<5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	ND<0.5 U	FALSE
MW-6	10/2/2003	ND<5 U	FALSE
MW-6	3/30/2004	ND<0.5 U	FALSE
MW-6	4/2/2004	ND<0.5 U	FALSE
MW-6	9/27/2004	ND<0.5 U	FALSE
MW-6	9/29/2004	ND<5 U	FALSE
MW-6	3/30/2005	ND<0.5 U	FALSE
MW-6	4/12/2005	ND<0.5 U	FALSE
MW-6	9/26/2005	ND<0.5 U	FALSE

MW-6	9/30/2005	2.2	FALSE
MW-6	3/24/2006	ND<0.5 U	FALSE
MW-6	9/26/2006	ND<0.5 U	FALSE
MW-6	9/29/2006	2	FALSE
MW-6	3/27/2007	ND<0.5 U	FALSE
MW-6	3/29/2007	1.5	FALSE
MW-6	9/27/2007	ND<0.5 U	FALSE
MW-6	3/26/2008	ND<0.31 U	FALSE
MW-6	4/1/2008	ND<0.31 U	FALSE
MW-6	9/23/2008	ND<0.5 U	FALSE
MW-6	9/30/2008	ND<0.5 U	FALSE
MW-6	3/26/2009	ND<0.5 U	FALSE
MW-6	3/31/2009	2.1	FALSE
MW-6	10/2/2009	ND<0.5 U	FALSE
MW-6	10/7/2009	ND<0.5 U	FALSE
MW-6	3/30/2010	2.2	FALSE
MW-6	4/2/2010	ND<0.5 U	FALSE
MW-6	10/6/2010	ND<0.5 U	FALSE
MW-6	10/22/2010	1.4	FALSE
MW-6	3/25/2011	ND<0.5 U	FALSE
MW-6	4/7/2011	ND<0.5 U	FALSE
MW-6	10/5/2011	ND<0.5 U	FALSE
MW-6	10/11/2011	1.1	FALSE
MW-6	4/4/2012	ND<0.5 U	FALSE
MW-6	4/10/2012	1.4	FALSE
MW-6	10/3/2012	ND<0.5 U	FALSE
MW-6	10/11/2012	ND<0.5 U	FALSE
MW-6	4/1/2013	ND<0.31 U	FALSE
MW-6	4/9/2013	ND<0.31 U	FALSE
MW-6	10/9/2013	ND<0.5 U	FALSE
MW-6	10/15/2013	ND<0.5 U	FALSE

MW-7	4/8/1993	ND<5 U	FALSE
MW-7	7/14/1994	ND<5 U	FALSE
MW-7	12/14/1994	ND<5 U	FALSE
MW-7	3/16/1995	ND<5 U	FALSE
MW-7	10/11/1996	ND<5 U	FALSE
MW-7	5/12/1997	ND<0.5 U	FALSE
MW-7	11/17/1997	ND<0.5 U	FALSE
MW-7	4/13/1998	ND<0.5 U	FALSE
MW-7	4/28/1998	ND<0.5 U	FALSE
MW-7	11/11/1998	1 I	FALSE
MW-7	4/26/1999	ND<0.5 U	FALSE
MW-7	5/5/1999	ND<0.5 U	FALSE
MW-7	11/2/1999	ND<0.5 U	FALSE
MW-7	11/6/1999	1 I	FALSE
MW-7	4/3/2000	ND<0.5 U	FALSE
MW-7	4/13/2000	ND<0.5 U	FALSE
MW-7	11/6/2000	ND<5 U	FALSE
MW-7	10/22/2001	ND<1 U	FALSE
MW-7	4/29/2002	ND<0.5 U	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	ND<0.5 U	FALSE
MW-7	3/30/2004	ND<0.5 U	FALSE
MW-7	9/27/2004	ND<0.5 U	FALSE
MW-7	4/12/2005	ND<0.5 U	FALSE

MW-7	9/26/2005	ND<0.5 U	FALSE
MW-7	9/30/2005	ND<0.5 U	FALSE
MW-7	3/24/2006	ND<0.5 U	FALSE
MW-7	9/26/2006	ND<0.5 U	FALSE
MW-7	9/29/2006	ND<0.5 U	FALSE
MW-7	3/27/2007	ND<0.5 U	FALSE
MW-7	3/29/2007	ND<0.5 U	FALSE
MW-7	9/26/2007	ND<0.5 U	FALSE
MW-7	9/27/2007	ND<0.5 U	FALSE
MW-7	3/26/2008	ND<0.31 U	FALSE
MW-7	9/26/2008	ND<0.5 U	FALSE
MW-7	3/26/2009	ND<0.5 U	FALSE
MW-7	10/1/2009	ND<0.5 U	FALSE
MW-7	4/2/2010	ND<0.5 U	FALSE
MW-7	10/6/2010	ND<0.5 U	FALSE
MW-7	3/25/2011	ND<0.5 U	FALSE
MW-7	10/5/2011	ND<0.5 U	FALSE
MW-7	4/4/2012	ND<0.5 U	FALSE
MW-7	10/3/2012	ND<0.5 U	FALSE
MW-7	4/1/2013	ND<0.31 U	FALSE
MW-7	4/9/2013	ND<0.31 U	FALSE
MW-7	10/9/2013	ND<0.5 U	FALSE

MW-8	4/8/1993	ND<5 U	FALSE
MW-8	7/14/1994	ND<5 U	FALSE
MW-8	12/15/1994	ND<5 U	FALSE
MW-8	10/15/1996	ND<5 U	FALSE
MW-8	5/12/1997	ND<0.5 U	FALSE
MW-8	11/19/1997	ND<0.5 U	FALSE
MW-8	4/17/1998	ND<0.5 U	FALSE
MW-8	4/28/1998	ND<0.5 U	FALSE
MW-8	11/10/1998	ND<0.5 U	FALSE
MW-8	11/11/1998	ND<0.5 U	FALSE
MW-8	4/26/1999	ND<0.5 U	FALSE
MW-8	5/5/1999	ND<0.5 U	FALSE
MW-8	11/1/1999	ND<0.5 U	FALSE
MW-8	11/6/1999	ND<0.5 U	FALSE
MW-8	4/3/2000	ND<0.5 U	FALSE
MW-8	4/13/2000	ND<0.5 U	FALSE
MW-8	11/1/2000	ND<5 U	FALSE
MW-8	11/7/2000	ND<5 U	FALSE
MW-8	5/2/2001	ND<5 U	FALSE
MW-8	10/22/2001	ND<1 U	FALSE
MW-8	10/24/2001	ND<1 U	FALSE
MW-8	1/14/2002	ND<5 U	FALSE
MW-8	4/29/2002	ND<0.5 U	FALSE
MW-8	5/2/2002	ND<0.5 U	FALSE
MW-8	10/31/2002	ND<5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<0.5 U	FALSE
MW-8	10/2/2003	ND<0.5 U	FALSE
MW-8	3/30/2004	ND<0.5 U	FALSE
MW-8	4/1/2004	ND<0.5 U	FALSE
MW-8	9/27/2004	ND<0.5 U	FALSE
MW-8	9/29/2004	ND<0.5 U	FALSE

MW-8	3/29/2005	ND<0.5 U	FALSE
MW-8	4/12/2005	ND<0.5 U	FALSE
MW-8	9/27/2005	ND<0.5 U	FALSE
MW-8	3/23/2006	ND<0.5 U	FALSE
MW-8	9/26/2006	ND<0.5 U	FALSE
MW-8	3/27/2007	ND<0.5 U	FALSE
MW-8	9/28/2007	ND<0.5 U	FALSE
MW-8	3/27/2008	ND<0.31 U	FALSE
MW-8	9/29/2008	ND<0.5 U	FALSE
MW-8	3/25/2009	ND<0.5 U	FALSE
MW-8	10/5/2009	ND<0.5 U	FALSE
MW-8	4/6/2010	ND<0.5 U	FALSE
MW-8	10/8/2010	ND<0.5 U	FALSE
MW-8	3/29/2011	ND<0.5 U	FALSE
MW-8	10/6/2011	ND<0.5 U	FALSE
MW-8	4/6/2012	ND<0.5 U	FALSE
MW-8	10/5/2012	ND<0.5 U	FALSE
MW-8	4/9/2013	ND<0.31 U	FALSE
MW-8	10/11/2013	ND<0.5 U	FALSE

MW-10	7/14/1994	ND<5 U	FALSE
MW-10	12/14/1994	ND<5 U	FALSE
MW-10	10/15/1996	ND<5 U	FALSE
MW-10	11/19/1997	ND<0.5 U	FALSE
MW-10	4/29/1998	ND<0.5 U	FALSE
MW-10	11/11/1998	ND<0.5 U	FALSE
MW-10	5/5/1999	ND<0.5 U	FALSE
MW-10	11/6/1999	ND<0.5 U	FALSE
MW-10	4/13/2000	ND<0.5 U	FALSE
MW-10	11/1/2000	ND<5 U	FALSE
MW-10	5/2/2001	ND<5 U	FALSE
MW-10	10/24/2001	ND<1 U	FALSE
MW-10	4/30/2002	ND<0.5 U	FALSE
MW-10	5/2/2002	ND<0.5 U	FALSE
MW-10	3/25/2003	ND<2.5 U	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	ND<0.5 U	FALSE
MW-10	10/2/2003	ND<0.5 U	FALSE
MW-10	3/30/2004	ND<0.5 U	FALSE
MW-10	4/1/2004	ND<0.5 U	FALSE
MW-10	9/27/2004	ND<0.5 U	FALSE
MW-10	9/29/2004	ND<0.5 U	FALSE
MW-10	3/29/2005	ND<0.5 U	FALSE
MW-10	4/12/2005	ND<0.5 U	FALSE
MW-10	9/27/2005	ND<0.5 U	FALSE
MW-10	3/23/2006	ND<0.5 U	FALSE
MW-10	9/26/2006	ND<0.5 U	FALSE
MW-10	3/27/2007	ND<0.5 U	FALSE
MW-10	9/27/2007	ND<0.5 U	FALSE
MW-10	3/26/2008	ND<0.31 U	FALSE
MW-10	9/26/2008	ND<0.5 U	FALSE
MW-10	3/26/2009	ND<0.5 U	FALSE
MW-10	10/1/2009	ND<0.5 U	FALSE
MW-10	4/2/2010	ND<0.5 U	FALSE
MW-10	10/7/2010	ND<0.5 U	FALSE
MW-10	3/29/2011	ND<0.5 U	FALSE

MW-10	10/5/2011	ND<0.5 U	FALSE
MW-10	4/4/2012	ND<0.5 U	FALSE
MW-10	10/3/2012	ND<0.5 U	FALSE
MW-10	4/11/2013	ND<0.31 U	FALSE
MW-10	10/9/2013	ND<0.5 U	FALSE

MW-14	7/18/1994	ND<5 U	FALSE
MW-14	12/14/1994	ND<5 U	FALSE
MW-14	10/11/1996	ND<5 U	FALSE
MW-14	5/12/1997	ND<0.5 U	FALSE
MW-14	11/18/1997	ND<0.5 U	FALSE
MW-14	4/28/1998	ND<0.5 U	FALSE
MW-14	11/12/1998	ND<0.5 U	FALSE
MW-14	5/5/1999	ND<0.5 U	FALSE
MW-14	11/3/1999	ND<0.5 U	FALSE
MW-14	4/6/2000	ND<0.5 U	FALSE
MW-14	11/2/2000	ND<5 U	FALSE
MW-14	5/2/2001	ND<5 U	FALSE
MW-14	10/24/2001	ND<1 U	FALSE
MW-14	4/30/2002	ND<0.5 U	FALSE
MW-14	10/31/2002	ND<5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<0.5 U	FALSE
MW-14	3/31/2004	ND<0.5 U	FALSE
MW-14	9/29/2004	ND<0.5 U	FALSE
MW-14	3/25/2005	ND<0.5 U	FALSE
MW-14	9/27/2006	ND<0.5 U	FALSE
MW-14	3/27/2007	ND<0.5 U	FALSE
MW-14	9/28/2007	ND<0.5 U	FALSE
MW-14	3/27/2008	ND<0.31 U	FALSE
MW-14	9/30/2008	ND<0.5 U	FALSE
MW-14	3/26/2009	ND<0.5 U	FALSE
MW-14	10/2/2009	ND<0.5 U	FALSE
MW-14	4/6/2010	ND<0.5 U	FALSE
MW-14	10/7/2010	ND<0.5 U	FALSE
MW-14	3/29/2011	ND<0.5 U	FALSE
MW-14	10/6/2011	ND<0.5 U	FALSE
MW-14	4/5/2012	ND<0.5 U	FALSE
MW-14	10/5/2012	ND<0.5 U	FALSE
MW-14	4/11/2013	ND<0.31 U	FALSE
MW-14	10/11/2013	ND<0.5 U	FALSE

MW-11	4/29/2002	ND<0.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<0.5 U	FALSE
MW-11	3/30/2004	ND<0.5 U	FALSE
MW-11	9/27/2004	ND<0.5 U	FALSE
MW-11	4/12/2005	ND<0.5 U	FALSE
MW-11	9/26/2005	ND<0.5 U	FALSE
MW-11	3/23/2006	ND<0.5 U	FALSE
MW-11	9/26/2006	ND<0.5 U	FALSE
MW-11	3/27/2007	ND<0.5 U	FALSE
MW-11	9/27/2007	ND<0.5 U	FALSE
MW-11	3/27/2008	ND<0.31 U	FALSE
MW-11	9/30/2008	ND<0.5 U	FALSE

MW-11	3/26/2009	ND<0.5 U	FALSE
MW-11	10/5/2009	ND<0.5 U	FALSE
MW-11	4/6/2010	ND<0.5 U	FALSE
MW-11	10/8/2010	ND<0.5 U	FALSE
MW-11	3/29/2011	ND<0.5 U	FALSE
MW-11	10/5/2011	ND<0.5 U	FALSE
MW-11	4/6/2012	ND<0.5 U	FALSE
MW-11	10/5/2012	ND<0.5 U	FALSE
MW-11	4/9/2013	ND<0.31 U	FALSE
MW-11	10/9/2013	ND<0.5 U	FALSE
MW-12	3/25/2003	ND<2.5 U	FALSE
MW-12	9/30/2003	ND<0.5 U	FALSE
MW-12	3/30/2004	ND<0.5 U	FALSE
MW-12	9/27/2004	ND<0.5 U	FALSE
MW-12	4/11/2005	ND<0.5 U	FALSE
MW-12	9/27/2005	ND<0.5 U	FALSE
MW-12	3/27/2006	ND<0.5 U	FALSE
MW-12	9/27/2006	ND<0.5 U	FALSE
MW-12	3/27/2007	ND<0.5 U	FALSE
MW-12	9/28/2007	ND<0.5 U	FALSE
MW-12	3/27/2008	ND<0.31 U	FALSE
MW-12	9/30/2008	ND<0.5 U	FALSE
MW-12	3/26/2009	ND<0.5 U	FALSE
MW-12	10/2/2009	ND<0.5 U	FALSE
MW-12	4/6/2010	ND<0.5 U	FALSE
MW-12	10/7/2010	ND<0.5 U	FALSE
MW-12	3/29/2011	ND<0.5 U	FALSE
MW-12	10/6/2011	ND<0.5 U	FALSE
MW-12	4/5/2012	ND<0.5 U	FALSE
MW-12	10/5/2012	ND<0.5 U	FALSE
MW-12	4/11/2013	ND<0.31 U	FALSE
MW-12	10/10/2013	ND<0.5 U	FALSE
MW-13	9/27/2005	ND<0.5 U	FALSE
MW-13	3/27/2006	ND<0.5 U	FALSE
MW-13	9/28/2006	ND<0.5 U	FALSE
MW-13	3/27/2007	ND<0.5 U	FALSE
MW-13	9/28/2007	ND<0.5 U	FALSE
MW-13	3/27/2008	ND<0.31 U	FALSE
MW-13	9/29/2008	ND<0.5 U	FALSE
MW-13	3/26/2009	ND<0.5 U	FALSE
MW-13	10/2/2009	ND<0.5 U	FALSE
MW-13	4/2/2010	ND<0.5 U	FALSE
MW-13	10/7/2010	ND<0.5 U	FALSE
MW-13	3/25/2011	ND<0.5 U	FALSE
MW-13	10/6/2011	ND<0.5 U	FALSE
MW-13	4/5/2012	ND<0.5 U	FALSE
MW-13	10/4/2012	ND<0.5 U	FALSE
MW-13	4/9/2013	ND<0.31 U	FALSE
MW-13	10/9/2013	ND<0.5 U	FALSE
MW-15S	10/10/2013	ND<0.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Vinyl chloride

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 30
Compliance measurements = 589
Comparison Level = 0.03

30 background measurements exceed 0.03
589 compliance measurements exceed 0.03

p background = 1 = 30 / 30
p compliance = 1 = 589 / 589
p total = 1 = 619 / 619

nPs = 589
mPb = 30
n(1-Ps) = 0 < 5.0
m(1-Pb = 0 < 5.0

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Zinc

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

Total Percent Non-Detects = 46.729%
Background measurements (n) = 32
Maximum Background Concentration = 200
Minimum Coverage = 91.1%
Average Coverage = 96.9697%

Location	Date	Value	Significant
MW-2	**9/12/1990**	**530**	**TRUE**
MW-2	9/25/1991	42	FALSE
MW-2	9/22/1992	29	FALSE
MW-2	4/13/1993	20	FALSE
MW-2	7/19/1994	ND<5 U	FALSE
MW-2	10/25/1994	ND<5 U	FALSE
MW-2	12/16/1994	ND<5 U	FALSE
MW-2	3/16/1995	ND<5 U	FALSE
MW-2	6/23/1995	ND<5 U	FALSE
MW-2	10/4/1995	10	FALSE
MW-2	10/10/1996	ND<5 U	FALSE
MW-2	5/14/1997	ND<10 U	FALSE
MW-2	11/17/1997	ND<10 U	FALSE
MW-2	4/15/1998	190	FALSE
MW-2	4/28/1998	70 I	FALSE
MW-2	11/11/1998	145	FALSE
MW-2	11/16/1998	ND<12.5 U	FALSE
MW-2	4/27/1999	31 I	FALSE
MW-2	5/6/1999	80 I	FALSE
MW-2	11/2/1999	70 I	FALSE
MW-2	11/6/1999	ND<12.5 U	FALSE
MW-2	4/4/2000	61 I	FALSE
MW-2	4/12/2000	ND<12.5 U	FALSE
MW-2	11/2/2000	ND<5 U	FALSE
MW-2	11/6/2000	25	FALSE
MW-2	4/30/2001	22	FALSE
MW-2	5/2/2001	29	FALSE
MW-2	**10/22/2001**	**230**	**TRUE**
MW-2	10/24/2001	110	FALSE
MW-2	**4/29/2002**	**360**	**TRUE**
MW-2	5/2/2002	52	FALSE
MW-2	10/28/2002	ND<5 U	FALSE
MW-2	10/30/2002	16	FALSE
MW-2	3/24/2003	23	FALSE
MW-2	3/26/2003	14	FALSE
MW-2	9/29/2003	120	FALSE
MW-2	10/6/2003	ND<5 U	FALSE
MW-2	3/29/2004	78	FALSE
MW-2	4/2/2004	ND<5 U	FALSE
MW-2	**9/27/2004**	**260**	**TRUE**
MW-2	10/6/2004	ND<5 U	FALSE
MW-2	3/30/2005	ND<5 U	FALSE
MW-2	**4/11/2005**	**330**	**TRUE**
MW-2	9/26/2005	190	FALSE

MW-2	**9/30/2005**	**ND<5000 U**	**TRUE**
MW-2	**3/23/2006**	**330**	**TRUE**
MW-2	9/28/2006	85	FALSE
MW-2	9/29/2006	ND<5 U	FALSE
MW-2	3/27/2007	9 J	FALSE
MW-2	3/30/2007	11	FALSE
MW-2	9/27/2007	18.6	FALSE
MW-2	**9/28/2007**	**311**	**TRUE**
MW-2	3/26/2008	ND<0.2 U	FALSE
MW-2	9/23/2008	ND<5 U	FALSE
MW-2	9/29/2008	33.1	FALSE
MW-2	3/26/2009	152	FALSE
MW-2	3/31/2009	ND<5 U	FALSE
MW-2	**10/1/2009**	**316**	**TRUE**
MW-2	10/7/2009	ND<5 U	FALSE
MW-2	3/29/2010	ND<5 U	FALSE
MW-2	4/6/2010	ND<5 U	FALSE
MW-2	9/27/2010	ND<5 U	FALSE
MW-2	10/8/2010	ND<5 U	FALSE
MW-2	3/25/2011	13.4	FALSE
MW-2	4/5/2011	ND<5 U	FALSE
MW-2	10/5/2011	23.5	FALSE
MW-2	10/10/2011	ND<5 U	FALSE
MW-2	4/4/2012	ND<5 U	FALSE
MW-2	4/10/2012	12.9	FALSE
MW-2	10/5/2012	10.8	FALSE
MW-2	10/11/2012	ND<5 U	FALSE
MW-2	4/1/2013	ND<5 U	FALSE
MW-2	4/10/2013	26.4	FALSE
MW-2	10/11/2013	10.6	FALSE
MW-2	10/15/2013	ND<5 U	FALSE

MW-3	9/12/1990	84	FALSE
MW-3	9/26/1991	47	FALSE
MW-3	9/21/1992	25	FALSE
MW-3	4/9/1993	26	FALSE
MW-3	7/18/1994	ND<5 U	FALSE
MW-3	12/12/1994	ND<5 U	FALSE
MW-3	5/14/1997	ND<10 U	FALSE
MW-3	11/20/1997	40 I	FALSE
MW-3	**4/14/1998**	**380**	**TRUE**
MW-3	4/29/1998	ND<10 U	FALSE
MW-3	**11/9/1998**	**315**	**TRUE**
MW-3	11/17/1998	ND<12.5 U	FALSE
MW-3	4/27/1999	88 I	FALSE
MW-3	5/7/1999	ND<12.5 U	FALSE
MW-3	10/11/1999	11	FALSE
MW-3	11/1/1999	60 I	FALSE
MW-3	11/6/1999	ND<12.5 U	FALSE
MW-3	4/3/2000	ND<12.5 U	FALSE
MW-3	4/12/2000	ND<12.5 U	FALSE
MW-3	11/3/2000	140	FALSE
MW-3	11/6/2000	55	FALSE
MW-3	4/30/2001	30	FALSE
MW-3	**5/3/2001**	**450**	**TRUE**
MW-3	10/22/2001	67	FALSE

MW-3	10/25/2001	96	FALSE
MW-3	4/29/2002	87	FALSE
MW-3	5/2/2002	91	FALSE
MW-3	10/28/2002	38	FALSE
MW-3	10/31/2002	72	FALSE
MW-3	3/24/2003	43	FALSE
MW-3	4/3/2003	ND<5 U	FALSE
MW-3	9/29/2003	89	FALSE
MW-3	10/3/2003	ND<5 U	FALSE
MW-3	3/30/2004	32	FALSE
MW-3	4/2/2004	12	FALSE
MW-3	9/27/2004	38	FALSE
MW-3	9/30/2004	ND<5 U	FALSE
MW-3	3/30/2005	ND<5 U	FALSE
MW-3	**4/11/2005**	**280**	**TRUE**
MW-3	9/26/2005	150	FALSE
MW-3	**9/29/2005**	**ND<5000 U**	**TRUE**
MW-3	3/23/2006	120	FALSE
MW-3	9/26/2006	25	FALSE
MW-3	9/29/2006	ND<5 U	FALSE
MW-3	3/27/2007	21	FALSE
MW-3	3/30/2007	25	FALSE
MW-3	9/26/2007	28.9	FALSE
MW-3	9/28/2007	22.2	FALSE
MW-3	3/26/2008	52.2	FALSE
MW-3	3/31/2008	20.1	FALSE
MW-3	9/23/2008	ND<5 U	FALSE
MW-3	9/30/2008	ND<5 U	FALSE
MW-3	3/26/2009	53.9	FALSE
MW-3	3/31/2009	ND<5 U	FALSE
MW-3	10/1/2009	13.6	FALSE
MW-3	10/7/2009	ND<5 U	FALSE
MW-3	3/29/2010	ND<5 U	FALSE
MW-3	4/2/2010	13.4	FALSE
MW-3	9/28/2010	ND<5 U	FALSE
MW-3	10/6/2010	13.4	FALSE
MW-3	3/25/2011	11.4	FALSE
MW-3	4/4/2011	ND<5 U	FALSE
MW-3	10/5/2011	ND<5 U	FALSE
MW-3	10/10/2011	ND<5 U	FALSE
MW-3	4/4/2012	17.3	FALSE
MW-3	4/10/2012	15.2	FALSE
MW-3	10/3/2012	57	FALSE
MW-3	10/10/2012	12.7	FALSE
MW-3	4/1/2013	ND<5 U	FALSE
MW-3	4/10/2013	12.6	FALSE
MW-3	10/9/2013	ND<5 U	FALSE
MW-3	10/14/2013	ND<5 U	FALSE

MW-4	9/12/1990	150	FALSE
MW-4	9/26/1991	42	FALSE
MW-4	9/21/1992	10	FALSE
MW-4	7/18/1994	ND<5 U	FALSE
MW-4	12/14/1994	ND<5 U	FALSE
MW-4	5/13/1997	ND<10 U	FALSE
MW-4	11/20/1997	ND<10 U	FALSE

MW-4	**4/15/1998**	**210**	**TRUE**
MW-4	4/29/1998	ND<10 U	FALSE
MW-4	11/9/1998	46 I	FALSE
MW-4	11/16/1998	ND<12.5 U	FALSE
MW-4	4/26/1999	42 I	FALSE
MW-4	5/6/1999	ND<12.5 U	FALSE
MW-4	10/11/1999	10	FALSE
MW-4	11/1/1999	ND<12.5 U	FALSE
MW-4	11/6/1999	ND<12.5 U	FALSE
MW-4	4/4/2000	42 I	FALSE
MW-4	4/12/2000	ND<12.5 U	FALSE
MW-4	11/3/2000	29	FALSE
MW-4	11/6/2000	ND<5 U	FALSE
MW-4	4/30/2001	ND<5 U	FALSE
MW-4	5/3/2001	28	FALSE
MW-4	10/22/2001	27	FALSE
MW-4	10/25/2001	29	FALSE
MW-4	4/29/2002	19	FALSE
MW-4	5/2/2002	34	FALSE
MW-4	10/28/2002	10	FALSE
MW-4	10/31/2002	14	FALSE
MW-4	3/24/2003	30	FALSE
MW-4	4/3/2003	ND<5 U	FALSE
MW-4	9/30/2003	ND<5 U	FALSE
MW-4	10/3/2003	ND<5 U	FALSE
MW-4	3/29/2004	27	FALSE
MW-4	4/2/2004	14	FALSE
MW-4	9/27/2004	22	FALSE
MW-4	9/30/2004	ND<5 U	FALSE
MW-4	3/30/2005	ND<5 U	FALSE
MW-4	4/11/2005	79	FALSE
MW-4	9/26/2005	24	FALSE
MW-4	**9/29/2005**	**ND<5000 U**	**TRUE**
MW-4	3/24/2006	23	FALSE
MW-4	9/27/2006	ND<5 U	FALSE
MW-4	9/29/2006	ND<5 U	FALSE
MW-4	3/27/2007	5.4 J	FALSE
MW-4	3/29/2007	25	FALSE
MW-4	9/26/2007	18.6	FALSE
MW-4	9/28/2007	12.2	FALSE
MW-4	3/26/2008	ND<0.2 U	FALSE
MW-4	3/31/2008	13.4	FALSE
MW-4	9/23/2008	ND<5 U	FALSE
MW-4	9/29/2008	ND<5 U	FALSE
MW-4	3/26/2009	ND<5 U	FALSE
MW-4	3/31/2009	ND<5 U	FALSE
MW-4	10/2/2009	ND<5 U	FALSE
MW-4	10/7/2009	15	FALSE
MW-4	3/30/2010	ND<5 U	FALSE
MW-4	4/6/2010	ND<5 U	FALSE
MW-4	9/28/2010	ND<5 U	FALSE
MW-4	10/7/2010	ND<5 U	FALSE
MW-4	3/29/2011	ND<5 U	FALSE
MW-4	4/4/2011	15.1	FALSE
MW-4	10/5/2011	ND<5 U	FALSE
MW-4	10/10/2011	15.1	FALSE
MW-4	4/5/2012	ND<5 U	FALSE

MW-4	4/10/2012	16.9	FALSE
MW-4	10/4/2012	11.7	FALSE
MW-4	10/10/2012	14.5	FALSE
MW-4	4/1/2013	13.8	FALSE
MW-4	4/10/2013	29.4	FALSE
MW-4	10/10/2013	ND<5 U	FALSE
MW-4	10/14/2013	22.4	FALSE

MW-5	9/26/1991	24	FALSE
MW-5	9/21/1992	ND<5 U	FALSE
MW-5	7/15/1994	12	FALSE
MW-5	10/21/1994	15	FALSE
MW-5	12/14/1994	ND<5 U	FALSE
MW-5	3/16/1995	ND<5 U	FALSE
MW-5	6/22/1995	ND<5 U	FALSE
MW-5	10/4/1995	19	FALSE
MW-5	5/13/1997	ND<10 U	FALSE
MW-5	11/20/1997	ND<10 U	FALSE
MW-5	4/13/1998	180	FALSE
MW-5	4/29/1998	ND<10 U	FALSE
MW-5	11/11/1998	97 I	FALSE
MW-5	11/16/1998	ND<12.5 U	FALSE
MW-5	4/26/1999	27 I	FALSE
MW-5	5/6/1999	ND<12.5 U	FALSE
MW-5	10/11/1999	15	FALSE
MW-5	11/2/1999	20 I	FALSE
MW-5	11/6/1999	ND<12.5 U	FALSE
MW-5	4/3/2000	ND<12.5 U	FALSE
MW-5	4/12/2000	ND<12.5 U	FALSE
MW-5	11/1/2000	ND<5 U	FALSE
MW-5	11/6/2000	75	FALSE
MW-5	4/30/2001	ND<5 U	FALSE
MW-5	5/3/2001	88	FALSE
MW-5	10/22/2001	13	FALSE
MW-5	10/24/2001	54	FALSE
MW-5	4/29/2002	84	FALSE
MW-5	5/1/2002	50	FALSE
MW-5	10/28/2002	ND<5 U	FALSE
MW-5	10/31/2002	36	FALSE
MW-5	3/24/2003	ND<5 U	FALSE
MW-5	4/3/2003	ND<5 U	FALSE
MW-5	9/29/2003	ND<5 U	FALSE
MW-5	10/3/2003	ND<5 U	FALSE
MW-5	3/30/2004	13	FALSE
MW-5	4/2/2004	25	FALSE
MW-5	9/27/2004	21	FALSE
MW-5	9/30/2004	ND<5 U	FALSE
MW-5	3/30/2005	ND<5 U	FALSE
MW-5	4/12/2005	ND<5 U	FALSE
MW-5	9/26/2005	11	FALSE
MW-5	**9/29/2005**	**ND<5000 U**	**TRUE**
MW-5	3/24/2006	ND<5 U	FALSE
MW-5	9/26/2006	15	FALSE
MW-5	9/29/2006	ND<5 U	FALSE
MW-5	3/27/2007	7.7 J	FALSE
MW-5	3/29/2007	28	FALSE

MW-5	9/26/2007	ND<5 U	FALSE
MW-5	9/27/2007	12.4	FALSE
MW-5	3/26/2008	ND<0.2 U	FALSE
MW-5	3/31/2008	ND<0.2 U	FALSE
MW-5	9/23/2008	ND<5 U	FALSE
MW-5	9/30/2008	12	FALSE
MW-5	3/26/2009	15.1	FALSE
MW-5	3/30/2009	ND<5 U	FALSE
MW-5	10/2/2009	14.3	FALSE
MW-5	10/7/2009	ND<5 U	FALSE
MW-5	3/30/2010	ND<5 U	FALSE
MW-5	4/2/2010	ND<5 U	FALSE
MW-5	9/28/2010	ND<5 U	FALSE
MW-5	10/6/2010	ND<5 U	FALSE
MW-5	3/25/2011	ND<5 U	FALSE
MW-5	4/4/2011	ND<5 U	FALSE
MW-5	10/5/2011	ND<5 U	FALSE
MW-5	10/10/2011	ND<5 U	FALSE
MW-5	4/5/2012	11.1	FALSE
MW-5	4/10/2012	ND<5 U	FALSE
MW-5	10/3/2012	ND<5 U	FALSE
MW-5	10/10/2012	ND<5 U	FALSE
MW-5	4/1/2013	ND<5 U	FALSE
MW-5	4/11/2013	18.7	FALSE
MW-5	10/9/2013	ND<5 U	FALSE
MW-5	10/14/2013	ND<5 U	FALSE

MW-6	9/26/1991	30	FALSE
MW-6	9/21/1992	19	FALSE
MW-6	7/15/1994	ND<5 U	FALSE
MW-6	10/21/1994	12	FALSE
MW-6	12/14/1994	ND<5 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	6/22/1995	ND<5 U	FALSE
MW-6	10/4/1995	10	FALSE
MW-6	5/7/1997	ND<10 U	FALSE
MW-6	11/20/1997	ND<10 U	FALSE
MW-6	4/13/1998	79	FALSE
MW-6	4/28/1998	ND<10 U	FALSE
MW-6	11/11/1998	63 I	FALSE
MW-6	11/16/1998	ND<12.5 U	FALSE
MW-6	4/26/1999	55 I	FALSE
MW-6	5/5/1999	ND<12.5 U	FALSE
MW-6	10/11/1999	11	FALSE
MW-6	11/2/1999	50 I	FALSE
MW-6	11/5/1999	ND<12.5 U	FALSE
MW-6	4/3/2000	34 I	FALSE
MW-6	4/12/2000	ND<12.5 U	FALSE
MW-6	11/2/2000	59	FALSE
MW-6	11/6/2000	73	FALSE
MW-6	4/30/2001	27	FALSE
MW-6	5/3/2001	100	FALSE
MW-6	**10/22/2001**	**440**	**TRUE**
MW-6	10/24/2001	62	FALSE
MW-6	**4/29/2002**	**260**	**TRUE**
MW-6	5/2/2002	28	FALSE

MW-6	10/28/2002	ND<5 U	FALSE
MW-6	10/31/2002	14	FALSE
MW-6	3/25/2003	ND<5 U	FALSE
MW-6	4/25/2003	16	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	10/2/2003	ND<5 U	FALSE
MW-6	3/30/2004	ND<5 U	FALSE
MW-6	4/2/2004	49	FALSE
MW-6	9/27/2004	57	FALSE
MW-6	9/29/2004	ND<5 U	FALSE
MW-6	3/30/2005	ND<5 U	FALSE
MW-6	**4/12/2005**	**320**	**TRUE**
MW-6	9/26/2005	21	FALSE
MW-6	**9/30/2005**	**ND<5000 U**	**TRUE**
MW-6	3/24/2006	14	FALSE
MW-6	9/26/2006	84	FALSE
MW-6	9/29/2006	ND<5 U	FALSE
MW-6	3/27/2007	4.2 J	FALSE
MW-6	3/29/2007	12	FALSE
MW-6	9/27/2007	16.4	FALSE
MW-6	3/26/2008	42.9	FALSE
MW-6	4/1/2008	ND<0.2 U	FALSE
MW-6	9/23/2008	ND<5 U	FALSE
MW-6	9/30/2008	ND<5 U	FALSE
MW-6	3/26/2009	15	FALSE
MW-6	3/31/2009	ND<5 U	FALSE
MW-6	10/2/2009	ND<5 U	FALSE
MW-6	10/7/2009	ND<5 U	FALSE
MW-6	3/30/2010	ND<5 U	FALSE
MW-6	4/2/2010	27.8	FALSE
MW-6	10/6/2010	ND<5 U	FALSE
MW-6	10/22/2010	ND<5 U	FALSE
MW-6	3/25/2011	23	FALSE
MW-6	4/7/2011	ND<5 U	FALSE
MW-6	10/5/2011	ND<5 U	FALSE
MW-6	10/11/2011	ND<5 U	FALSE
MW-6	4/4/2012	ND<5 U	FALSE
MW-6	4/10/2012	ND<5 U	FALSE
MW-6	10/3/2012	ND<5 U	FALSE
MW-6	10/11/2012	ND<5 U	FALSE
MW-6	4/1/2013	ND<5 U	FALSE
MW-6	4/9/2013	ND<2.5 U	FALSE
MW-6	10/9/2013	ND<5 U	FALSE
MW-6	10/15/2013	ND<5 U	FALSE

MW-7	4/8/1993	ND<5 U	FALSE
MW-7	7/14/1994	10	FALSE
MW-7	12/14/1994	ND<5 U	FALSE
MW-7	3/16/1995	14	FALSE
MW-7	5/12/1997	ND<10 U	FALSE
MW-7	11/17/1997	ND<10 U	FALSE
MW-7	4/13/1998	90	FALSE
MW-7	4/28/1998	ND<10 U	FALSE
MW-7	11/11/1998	ND<12.5 U	FALSE
MW-7	4/26/1999	ND<12.5 U	FALSE
MW-7	5/5/1999	ND<12.5 U	FALSE

MW-7	10/11/1999	14	FALSE
MW-7	11/2/1999	40 I	FALSE
MW-7	11/6/1999	ND<12.5 U	FALSE
MW-7	4/3/2000	ND<12.5 U	FALSE
MW-7	4/13/2000	ND<12.5 U	FALSE
MW-7	11/6/2000	66	FALSE
MW-7	4/30/2001	42	FALSE
MW-7	**10/22/2001**	**430**	**TRUE**
MW-7	**4/29/2002**	**240**	**TRUE**
MW-7	10/28/2002	47	FALSE
MW-7	3/25/2003	14	FALSE
MW-7	9/29/2003	99	FALSE
MW-7	3/30/2004	ND<5 U	FALSE
MW-7	9/27/2004	23	FALSE
MW-7	**4/12/2005**	**320**	**TRUE**
MW-7	9/26/2005	54	FALSE
MW-7	**9/30/2005**	**25000**	**TRUE**
MW-7	3/24/2006	11	FALSE
MW-7	9/26/2006	24	FALSE
MW-7	9/29/2006	41	FALSE
MW-7	3/27/2007	37	FALSE
MW-7	3/29/2007	28	FALSE
MW-7	9/26/2007	22.4	FALSE
MW-7	9/27/2007	26.5	FALSE
MW-7	3/26/2008	15.6	FALSE
MW-7	9/26/2008	13.3	FALSE
MW-7	3/26/2009	14.4	FALSE
MW-7	10/1/2009	16.5	FALSE
MW-7	4/2/2010	ND<5 U	FALSE
MW-7	10/6/2010	ND<5 U	FALSE
MW-7	3/25/2011	ND<5 U	FALSE
MW-7	10/5/2011	15.9	FALSE
MW-7	4/4/2012	ND<5 U	FALSE
MW-7	10/3/2012	ND<5 U	FALSE
MW-7	4/1/2013	17.2	FALSE
MW-7	4/9/2013	ND<2.5 U	FALSE
MW-7	10/9/2013	ND<5 U	FALSE

MW-8	4/8/1993	ND<5 U	FALSE
MW-8	7/14/1994	12	FALSE
MW-8	12/15/1994	ND<5 U	FALSE
MW-8	5/12/1997	ND<10 U	FALSE
MW-8	11/19/1997	ND<10 U	FALSE
MW-8	4/17/1998	40 I	FALSE
MW-8	4/28/1998	ND<10 U	FALSE
MW-8	11/10/1998	84 I	FALSE
MW-8	11/11/1998	ND<12.5 U	FALSE
MW-8	4/26/1999	45 I	FALSE
MW-8	5/5/1999	ND<12.5 U	FALSE
MW-8	10/11/1999	14	FALSE
MW-8	11/1/1999	40 I	FALSE
MW-8	11/6/1999	ND<12.5 U	FALSE
MW-8	4/3/2000	ND<12.5 U	FALSE
MW-8	4/13/2000	ND<12.5 U	FALSE
MW-8	11/1/2000	45	FALSE
MW-8	11/7/2000	20	FALSE

MW-8	4/30/2001	39	FALSE
MW-8	5/2/2001	ND<5 U	FALSE
MW-8	10/22/2001	200	FALSE
MW-8	10/24/2001	66	FALSE
MW-8	1/14/2002	21	FALSE
MW-8	4/29/2002	75	FALSE
MW-8	5/2/2002	200	FALSE
MW-8	10/28/2002	ND<5 U	FALSE
MW-8	10/31/2002	15	FALSE
MW-8	3/25/2003	ND<5 U	FALSE
MW-8	3/28/2003	31	FALSE
MW-8	9/30/2003	ND<5 U	FALSE
MW-8	10/2/2003	30	FALSE
MW-8	3/30/2004	14	FALSE
MW-8	4/1/2004	41	FALSE
MW-8	9/27/2004	12	FALSE
MW-8	9/29/2004	ND<5 U	FALSE
MW-8	3/29/2005	13	FALSE
MW-8	4/12/2005	21	FALSE
MW-8	9/27/2005	ND<5 U	FALSE
MW-8	3/23/2006	ND<5 U	FALSE
MW-8	9/26/2006	11	FALSE
MW-8	3/27/2007	7.8 J	FALSE
MW-8	9/28/2007	10.7	FALSE
MW-8	3/27/2008	12.8	FALSE
MW-8	9/29/2008	ND<5 U	FALSE
MW-8	3/25/2009	19.5	FALSE
MW-8	10/5/2009	ND<5 U	FALSE
MW-8	4/6/2010	11.2	FALSE
MW-8	10/8/2010	ND<5 U	FALSE
MW-8	3/29/2011	13.4	FALSE
MW-8	10/6/2011	11	FALSE
MW-8	4/6/2012	18.3	FALSE
MW-8	10/5/2012	ND<5 U	FALSE
MW-8	4/9/2013	ND<2.5 U	FALSE
MW-8	10/11/2013	14.2	FALSE

MW-10	7/14/1994	ND<5 U	FALSE
MW-10	12/14/1994	ND<5 U	FALSE
MW-10	5/7/1997	ND<10 U	FALSE
MW-10	11/19/1997	ND<10 U	FALSE
MW-10	4/29/1998	ND<10 U	FALSE
MW-10	11/11/1998	ND<12.5 U	FALSE
MW-10	5/5/1999	30 I	FALSE
MW-10	10/11/1999	14	FALSE
MW-10	11/6/1999	ND<12.5 U	FALSE
MW-10	4/13/2000	ND<12.5 U	FALSE
MW-10	11/1/2000	ND<5 U	FALSE
MW-10	5/2/2001	170	FALSE
MW-10	10/24/2001	18	FALSE
MW-10	4/30/2002	14	FALSE
MW-10	5/2/2002	64	FALSE
MW-10	10/29/2002	56	FALSE
MW-10	3/25/2003	62	FALSE
MW-10	3/28/2003	ND<5 U	FALSE
MW-10	9/30/2003	38	FALSE

MW-10	10/2/2003	12	FALSE
MW-10	3/30/2004	21	FALSE
MW-10	4/1/2004	29	FALSE
MW-10	9/27/2004	40	FALSE
MW-10	9/29/2004	ND<5 U	FALSE
MW-10	3/29/2005	ND<5 U	FALSE
MW-10	**4/12/2005**	**370**	**TRUE**
MW-10	9/27/2005	140	FALSE
MW-10	3/23/2006	110	FALSE
MW-10	9/26/2006	84	FALSE
MW-10	3/27/2007	37	FALSE
MW-10	9/27/2007	55	FALSE
MW-10	3/26/2008	25.8	FALSE
MW-10	9/26/2008	31.7	FALSE
MW-10	3/26/2009	17	FALSE
MW-10	10/1/2009	28.5	FALSE
MW-10	4/2/2010	ND<5 U	FALSE
MW-10	10/7/2010	ND<5 U	FALSE
MW-10	3/29/2011	15.3	FALSE
MW-10	10/5/2011	ND<5 U	FALSE
MW-10	4/4/2012	13.5	FALSE
MW-10	10/3/2012	10.9	FALSE
MW-10	4/11/2013	24	FALSE
MW-10	10/9/2013	27.9	FALSE

MW-14	7/18/1994	ND<5 U	FALSE
MW-14	12/14/1994	ND<5 U	FALSE
MW-14	5/12/1997	ND<10 U	FALSE
MW-14	11/18/1997	ND<10 U	FALSE
MW-14	4/28/1998	150	FALSE
MW-14	11/12/1998	89 I	FALSE
MW-14	5/5/1999	70 I	FALSE
MW-14	10/11/1999	15	FALSE
MW-14	11/3/1999	30 I	FALSE
MW-14	4/6/2000	59 I	FALSE
MW-14	11/2/2000	18	FALSE
MW-14	5/2/2001	13	FALSE
MW-14	10/24/2001	18	FALSE
MW-14	4/30/2002	18	FALSE
MW-14	10/31/2002	ND<5 U	FALSE
MW-14	3/28/2003	ND<5 U	FALSE
MW-14	10/1/2003	ND<5 U	FALSE
MW-14	3/31/2004	30	FALSE
MW-14	9/29/2004	ND<5 U	FALSE
MW-14	3/25/2005	ND<5 U	FALSE
MW-14	9/27/2006	190	FALSE
MW-14	3/27/2007	16	FALSE
MW-14	9/28/2007	56.1	FALSE
MW-14	3/27/2008	30.3	FALSE
MW-14	9/30/2008	ND<5 U	FALSE
MW-14	3/26/2009	ND<5 U	FALSE
MW-14	10/2/2009	10.7	FALSE
MW-14	4/6/2010	ND<5 U	FALSE
MW-14	10/7/2010	ND<5 U	FALSE
MW-14	3/29/2011	35.4	FALSE
MW-14	10/6/2011	ND<5 U	FALSE

MW-14	4/5/2012	ND<5 U	FALSE
MW-14	10/5/2012	ND<5 U	FALSE
MW-14	4/11/2013	ND<5 U	FALSE
MW-14	10/11/2013	ND<5 U	FALSE

MW-11	4/29/2002	91	FALSE
MW-11	10/29/2002	ND<5 U	FALSE
MW-11	3/25/2003	14	FALSE
MW-11	9/29/2003	11	FALSE
MW-11	3/30/2004	21	FALSE
MW-11	9/27/2004	ND<5 U	FALSE
MW-11	4/12/2005	ND<5 U	FALSE
MW-11	9/26/2005	12	FALSE
MW-11	3/23/2006	40	FALSE
MW-11	9/26/2006	10	FALSE
MW-11	3/27/2007	8.8 J	FALSE
MW-11	9/27/2007	57.6	FALSE
MW-11	3/27/2008	ND<0.2 U	FALSE
MW-11	9/30/2008	ND<5 U	FALSE
MW-11	3/26/2009	ND<5 U	FALSE
MW-11	10/5/2009	ND<5 U	FALSE
MW-11	4/6/2010	10.2	FALSE
MW-11	10/8/2010	ND<5 U	FALSE
MW-11	3/29/2011	22.6	FALSE
MW-11	10/5/2011	ND<5 U	FALSE
MW-11	4/6/2012	ND<5 U	FALSE
MW-11	10/5/2012	ND<5 U	FALSE
MW-11	4/9/2013	ND<2.5 U	FALSE
MW-11	10/9/2013	10.5	FALSE

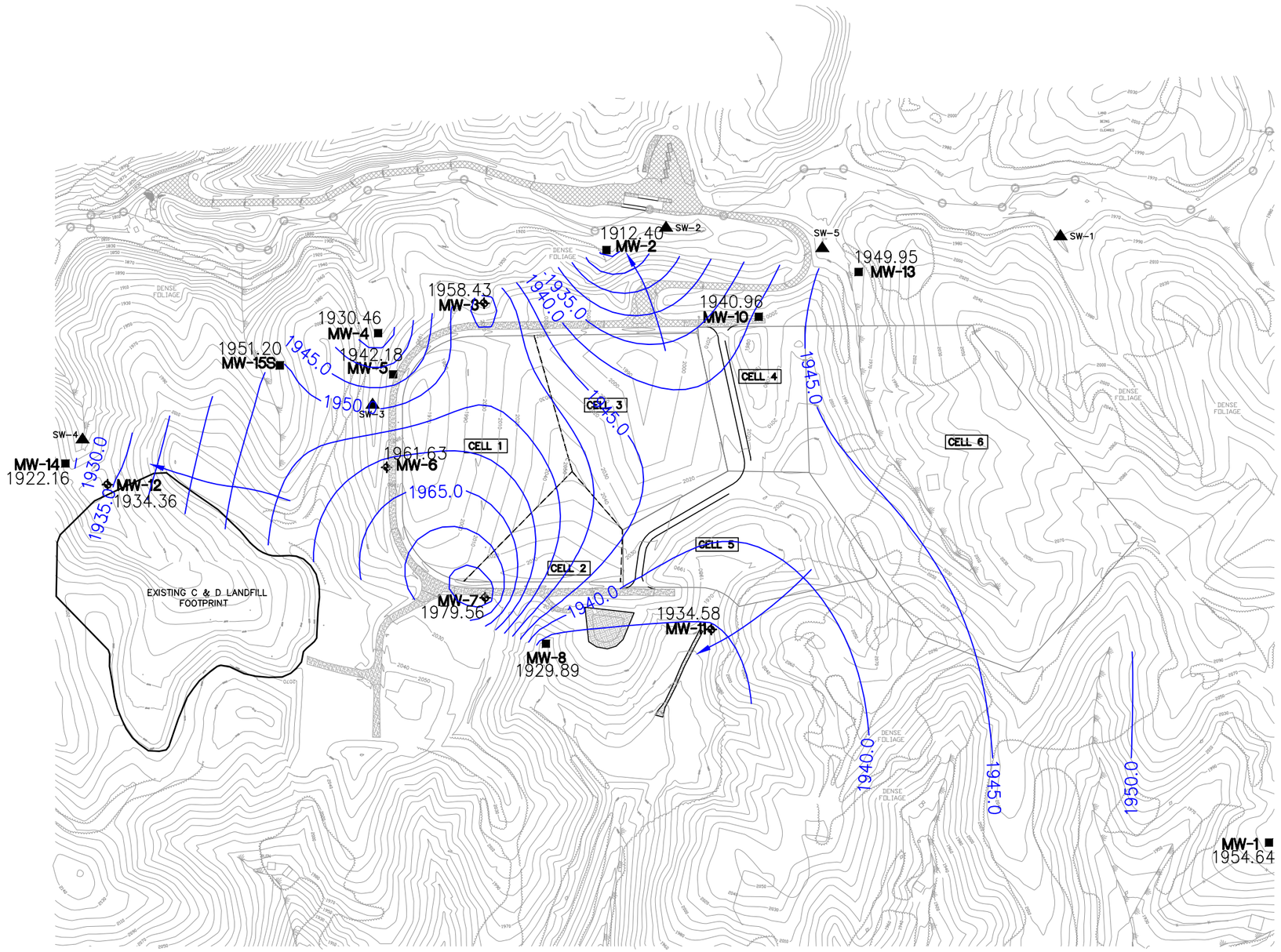
MW-12	10/28/2002	ND<5 U	FALSE
MW-12	3/25/2003	130	FALSE
MW-12	9/30/2003	16	FALSE
MW-12	3/30/2004	ND<5 U	FALSE
MW-12	9/27/2004	26	FALSE
MW-12	4/11/2005	53	FALSE
MW-12	9/27/2005	ND<5 U	FALSE
MW-12	3/27/2006	19	FALSE
MW-12	9/27/2006	10	FALSE
MW-12	3/27/2007	6.7 J	FALSE
MW-12	9/28/2007	105	FALSE
MW-12	3/27/2008	ND<0.2 U	FALSE
MW-12	9/30/2008	ND<5 U	FALSE
MW-12	3/26/2009	21.7	FALSE
MW-12	10/2/2009	ND<5 U	FALSE
MW-12	4/6/2010	ND<5 U	FALSE
MW-12	10/7/2010	ND<5 U	FALSE
MW-12	3/29/2011	10.1	FALSE
MW-12	10/6/2011	ND<5 U	FALSE
MW-12	4/5/2012	ND<5 U	FALSE
MW-12	10/5/2012	ND<5 U	FALSE
MW-12	4/11/2013	ND<5 U	FALSE
MW-12	10/10/2013	16.3	FALSE

MW-13	9/27/2005	ND<5 U	FALSE
MW-13	3/27/2006	18	FALSE
MW-13	9/28/2006	ND<5 U	FALSE
MW-13	3/27/2007	19	FALSE
MW-13	9/28/2007	24.7	FALSE
MW-13	3/27/2008	23.6	FALSE
MW-13	9/29/2008	ND<5 U	FALSE
MW-13	3/26/2009	ND<5 U	FALSE
MW-13	10/2/2009	ND<5 U	FALSE
MW-13	4/2/2010	ND<5 U	FALSE
MW-13	10/7/2010	ND<5 U	FALSE
MW-13	3/25/2011	ND<5 U	FALSE
MW-13	10/6/2011	ND<5 U	FALSE
MW-13	4/5/2012	ND<5 U	FALSE
MW-13	10/4/2012	ND<5 U	FALSE
MW-13	4/9/2013	13.4	FALSE
MW-13	10/9/2013	ND<5 U	FALSE
MW-15S	10/10/2013	ND<5 U	FALSE

Table 1. October 2013 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	9.64	1015	0.01	0.05	0.02	Between MW-1 and 1945.0 contour
MW-2	5.67	15	169	0.09	0.05	10.07	Between 1915.0 and 1930.0 contours
MW-3	1.84	10	105	0.10	0.05	3.50	Between 1945.0 and 1955.0 contours
MW-4	1.42	10	120	0.08	0.05	2.37	Between 1935.0 and 1945.0 contours
MW-5	2.75	5	79	0.06	0.05	3.48	Between 1945.0 and 1950.0 contours
MW-6	0.414	5	147	0.03	0.05	0.28	Between 1960.0 and 1965.0 contours
MW-7	0.201	25	143	0.17	0.05	0.70	Between 1950.0 and 1975.0 contours
MW-8	0.0358	20	123	0.16	0.05	0.12	Between 1935.0 and 1955.0 contours
MW-10	0.07	10	308	0.03	0.05	0.05	Between 1935.0 and 1945.0 contours
MW-11	0.915	5	345	0.01	0.05	0.27	Between 1935.0 and 1940.0 contours
MW-12	0.33	10.64	303	0.04	0.05	0.23	Between MW-12 and 1945.0 contour
MW-13	0.77	9.95	277	0.04	0.3	0.09	Between MW-13 and 1940.0 contour
MW-14	0.33	12.84	195	0.07	0.05	0.43	Between MW-14 and 1935.0 contour
MW-15S	---	10	190	0.05	0.05	---	Between 1940.0 and 1950.0 contours
MW-1D	0.0327	4	535	0.01	0.05	0.005	Between 1946.0 and 1950.0 contours
MW-2D	0.159	8	185	0.04	0.05	0.14	Between 1914.0 and 1922.0 contours
MW-4D	0.833	8	150	0.05	0.05	0.89	Between 1932.0 and 1940.0 contours
MW-5D	0.329	4	67	0.06	0.05	0.39	Between 1934.0 and 1938.0 contours
MW-8D	3.35	3.43	307	0.01	0.05	0.75	Between MW-8D and 1934.0 contour
MW-10D	0.176	4	94	0.04	0.05	0.15	Between 1936.0 and 1940.0 contours
MW-11D	1.35	4	299	0.01	0.05	0.36	Between 1934.0 and 1938.0 contours
MW-12D	---	6	247	0.02	0.05	---	Between 1932.0 and 1938.0 contours
MW-13D	0.28	4	161	0.02	0.05	0.14	Between 1944.0 and 1948.0 contours
MW-14D	0.04	8	102	0.08	0.05	0.06	Between 1924.0 and 1932.0 contours
MW-15D	---	6	163	0.04	0.05	---	Between 1940.0 and 1946.0 contours

Notes:
1. dh calculations used nearest monitoring well water level data or 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 modified Darcy equation.
3. --- = insufficient information



MW-1	MONITORING WELL
MW-2 MW-2D	MONITORING WELL CLUSTER
M-1	METHANE GAS WELL
1926.2	WATER LEVEL ELEVATION (FT. AMSL)
—1930.0—	WATER LEVEL CONTOUR (FT. AMSL)
→	GROUNDWATER FLOW DIRECTION

REV	DATE	DESCRIPTION	BY

CERTIFICATE NO.

DRAWING TITLE
GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP

PROJECT TITLE
OCTOBER 2013
NEW BUNCOMBE COUNTY LANDFILL
SHALLOW MONITORING WELLS

CLIENT
BUNCOMBE COUNTY
NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3011 W. GRAND BLVD. SUITE 200, TAMPA, FL 33610
PH (813) 621-4080 FAX NO. (813) 623-6757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00004892

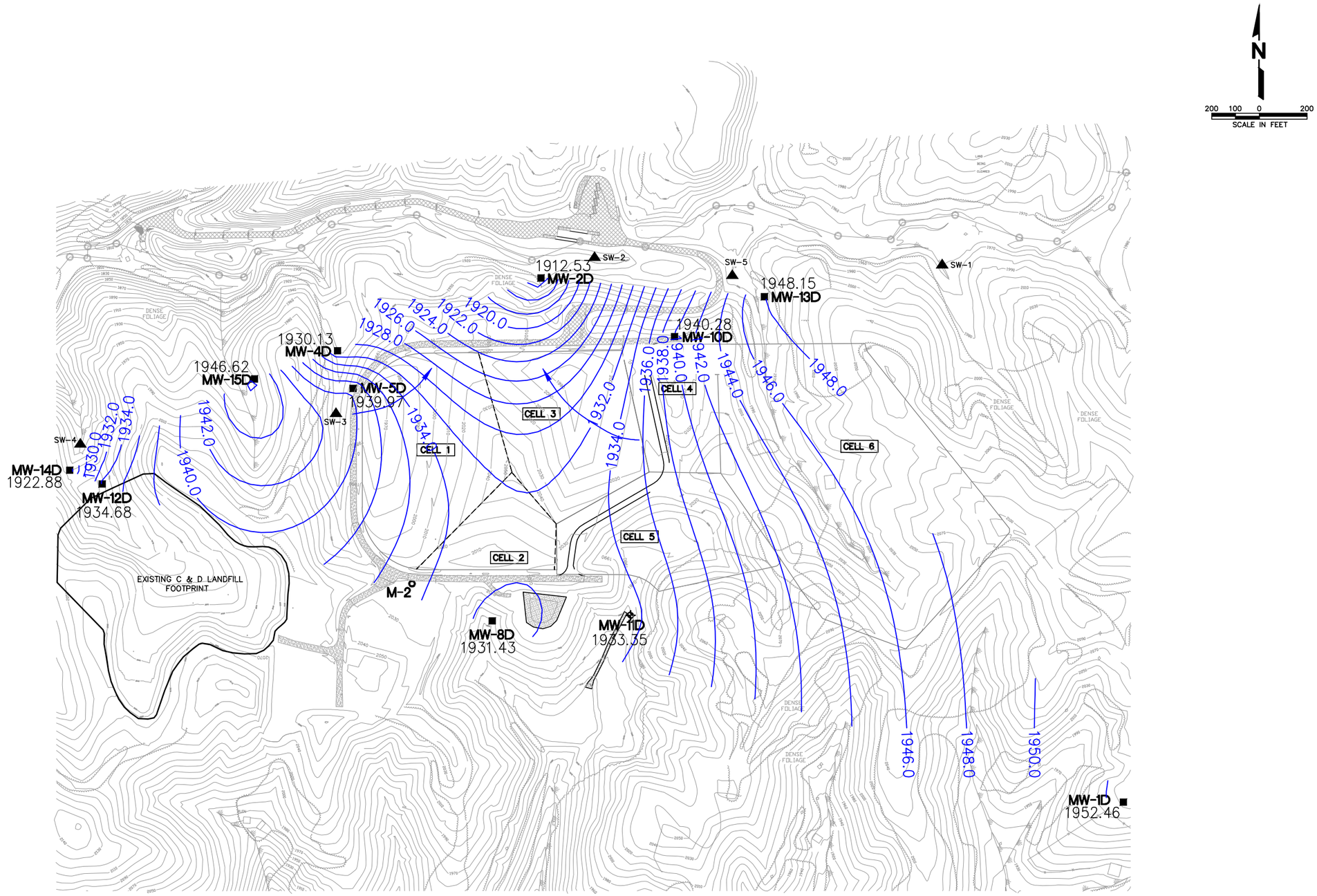
PROJ. NO. 09204072.05 | DWN. BY: AEL | Q/A RVW BY: KEG
DSN. BY: PBS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: DECEMBER 2013

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)
—1926.0—	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 2013
NEW BUNCOMBE COUNTY LANDFILL DEEP MONITORING WELLS

CLIENT
BUNCOMBE COUNTY NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
5015 S. SPAULDING ST. SUITE 300 · TAMPA, FL 33819
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
DSK. BY: PSS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: DECEMBER 2013

SCALE: AS SHOWN

DRAWING NO.
1 of 1

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of

1747412

Section A Required Client Information:

Company: BCS BUNC New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed H. Hon
Copy To:
Purchase Order No.:
Project Name: SW's New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH	Cyanide	VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	SW-1					10-4-13	1200		4			1	3					Y	Y	Y		-001
2	SW-2					10-4	1220		4			1	3					Y	Y	Y		-002
3	SW-3					10-4	1440		4			1	3					Y	Y	Y		-003
4	SW-4					10-4	1305		4			1	3					Y	Y	Y		-004
5	SW-5					10-4	1245		4			1	3					Y	Y	Y		-005
6	Leachate					10-4	1345		4			1	3					Y	Y	Y		-006
7																						
8	TVL BLK																					-007
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10-4-13	1600	Mark P. Swan BCS	10-4-13	1600				
	Mark P. Swan BCS	10-4-13	1630	Joseph Shed	10/4/13	1630	5.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: Mark P. Swan BCS

DATE Signed (MM/DD/YY): 10-4-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of

1747411

Section A Required Client Information:

Company: SCS - Burke New 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: LDS 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): pH, Total Solids, VOC, Methane

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)	pH	Total Solids	VOC	Methane	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD -1					10-4-13	1500		4			1	3						X	X	X			92174785 -008
2	LD -2					10-4	1415		4			1	3						X	X	X			-009
3	LD -3					10-4	1550		4			1	3						X	X	X			-010
4	LD -4					10-4	1530		4			1	3						X	X	X			-011
5	LD -5					10-4	1330		4			1	3						X	X	X			-012
6	LD -6					10-4	1515		4			1	3						X	X	X			-013
7	Leachate LD					10-4	1400		4			1	3						X	X	X			-014
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-4-13	1600	[signature] Pasi	10-4-13	1600				
	[signature] Pasi	10-4-13	1630	Joseph Sheridan	10/4/13	1630	5.2	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 O. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-4-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #2- 80344039

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 5.2 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/4/13 J.G.

		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: Water		
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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

WO#: 92174785

92174785

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 1

1747462

Section A Required Client Information:

Company: Burns New 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 MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appx I VOC	Appx I metals	Appx II list	Appx III VOC	Appx III metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-3					10-9-13	1205		12	6		1	3	2				X	X	~~X~~	X		X			92174785
2	MW-5					10-9	1300		4			1	3					X	X	X	X					-015
3	MW-5D					10-9	1315		4			1	3					X	X	X	X					-016
4	MW-6					10-9	1320		4			1	3					X	X	X	X					-017
5	MW-7					10-9	1345		12			1	3					X	X			X	X			-018
6	MW-10					10-9	1100		4			1	3					X	X	X	X					-019
7	MW 100					10-9	1110		4			1	3					X	X	X	X					-020
8	MW-11					10-9	1400		4			1	3					X	X	X	X					-021
9	MW-110					10-9	1410		4			1	3					X	X	X	X					-023
10	MW-13					10-9	1135		4			1	3					X	X	X	X					-024
11	MW-13D					10-9	1145		4			1	3					X	X	X	X					-025
12									~~4~~			~~1~~	~~3~~													-026

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-9-13	1700	[signature]	10-9-13	1700				
	[signature]	10-10-13	~~1230~~ 0845	[signature]	10/10	0845	3.2	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:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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

1747464

Section A
Required Client Information:

Company: Bunc Co New LF	
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Ed H. Hton
Copy To:	
Purchase Order No.:	
Project Name:	New LF MW's
Project Number:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location
STATE: NC

Section D
Required Client Information

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

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appx I List	Appx II List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	MW-1					10-10-13	1145		12	6		1	3	2				X	X		X		~~-027~~
2	MW-1D					10-10	1200		12	0		1	3	2				X	X		X		~~-028~~
3	MW-4					10-10	1300		4			1	3					X	X	X			-029
4	MW-4D					10-10	1315		4			1	3					X	X	X			-030
5	MW-12					10-10	1405		4			1	3					X	X	X			-031
6	MW-12D					10-10	1420		4			1	3					X	X	X			-032
7	MW-15S					10-10	1335		4			1	3					X	X	X			-033
8	MW-15D					10-10	1345		4			1	3					X	X	X			-034
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-10-13	1545	[signature]	10-10-13	1545				
	[signature]	10-10-13	1610	[signature]	10/11	09:20	4.0	Y	N	Y

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-10-13

ORIGINAL

*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.

1698031

Section A Required Client Information:

Company: Bunc Co Newf
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: MW's New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

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	Composite Start TIME	Composite End/GRAB DATE	Composite End/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Fld	Static Hg	Appendix I List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	MW-2					10-11-13	1015		4			1	3					X	X	X		035
2	MW-2D					10-11	1030		4			1	3					X	X	X		036
3	MW-8					10-11	1315		4			1	3					X	X	X		037
4	MW-8D					10-11	1300		4			1	3					X	X	X		038
5	MW-14					10-11	1110		4			1	3					X	X	X		039
6	MW-14D					10-11	1130		4			1	3					X	X	X		040
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10-11-13	1330	[signature]	10-11-13	1330				
	[signature]	10-11-13	1455	[signature]	10/11	1455	3.4	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-11-13

ORIGINAL

*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: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: (IR Gun#3 -130265963) IR Gun #2- 80344039 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 5.2 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/4/13 JCS.

		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: Water		
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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

OR

Handwrite project number (if no label available)

WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MCS

Date: 10-20-13

Page 1 of 3

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	3 VOL 5 GAL
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	PUMPED DRY @ 10 GAL
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 6 GAL
MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 23.5 GAL
MW-3	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 5 GAL
MW-4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 5.5 GAL
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE	3 VOL 25 GALLONS
MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	DISP TFE	3 VOL 7.75 GAL
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE	3 VOL 24 GAL
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 11.5 GAL

*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: MCI

Date: 10-2013

Page 2 of 3

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-7	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE DISP BAILER	3 VOL 7.00 GAL
MW-8	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	DRY 11.5 GAL
MW-8D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	3 VOL 3 J OUTER CASING DOESN'T SEAL WELL
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 2 GALL
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	DRY 10
MW-11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 9.00 GAL
MW-11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	3 VOL 22 GAL
MW-12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 2 GAL
MW-12D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	3 VOL 12.5 GAL
MW-13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER DISP	3 VOL 8.5 GAL

*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:** MAJ

Date: 10-10-13 **Page** 3 of 3

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TEE DISC	3VOA - 20 GAL TOP OF CASING SLIGHTLY BENT
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	DISA TEE BAILER	3VOA 11 GALLONS
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISC TEE BAILER	DRY @ 18 GALLONS
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

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

November 12, 2013

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

RE: Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between October 04, 2013 and October 11, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Tom Williams

tom.williams@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

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CERTIFICATIONS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
Arizona Certification #: AZ0735
Colorado Certification: FL NELAC Reciprocity
Connecticut Certification #: PH-0216
Delaware Health and Social Services
Florida Certification #: E83079
Georgia Certification #: 955
Guam Certification: FL NELAC Reciprocity
Hawaii Certification: FL NELAC Reciprocity
Illinois Certification #: 200068
Indiana Certification: FL NELAC Reciprocity
Kansas Certification #: E-10383
Kentucky Certification #: 90050
Louisiana Certification #: FL NELAC Reciprocity
Louisiana Environmental Certificate #: 05007
Maine Certification #: FL01264
Maryland Department of the Environment
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nevada Certification: FL NELAC Reciprocity
New Hampshire Certification #: 2958
New Jersey Certification #: FL765
New York Certification #: 11608
North Carolina Environmental Certificate #: 667
North Carolina Certification #: 12710
Pennsylvania Certification #: 68-00547
Puerto Rico Certification #: FL01264
South Carolina Department of Health and Environmental Control
Tennessee Certification #: TN02974
Texas Certification: FL NELAC Reciprocity
US Virgin Islands Certification: FL NELAC Reciprocity
Virginia Environmental Certification #: 460165
Washington Certification #: C955
West Virginia Certification #: 9962C
Wisconsin Certification #: 399079670
Wyoming (EPA Region 8): FL NELAC Reciprocity

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
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

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
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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(704)875-9092

SAMPLE ANALYTE COUNT

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92174785001	**SW-1**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785002	**SW-2**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785003	**SW-3**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785004	**SW-4**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785005	**SW-5**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785006	**Leachate**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785007	**LD-1**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785008	**LD-2**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785009	**LD-3**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785010	**LD-4**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785011	**LD-5**	EPA 6010	JDA	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785012	**LD-6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785013	**Leachate LD**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785014	**TVL BLK**	EPA 8260	MCK	51	PASI-C
92174785015	**MW-3**	EPA 8081	RES	24	PASI-C
		EPA 8082	EJK	8	PASI-C
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	MTS	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	MCK	65	PASI-C
		SM 4500-S2D	SAE	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92174785016	**MW-5**	EPA 6010	JMW	15	PASI-A

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SAMPLE ANALYTE COUNT

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	MCK	51	PASI-C
92174785017	**MW-5D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785018	**MW-6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785019	**MW-7**	EPA 8081	RES	24	PASI-C
		EPA 8082	EJK	8	PASI-C
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	MTS	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	MCK	65	PASI-C
		SM 4500-S2D	SAE	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92174785020	**MW-10**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785021	**MW-10D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785022	**MW-11**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785023	**MW-11D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785024	**MW-13**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785025	**MW-13D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785027	**MW-1**	EPA 8081	RES	24	PASI-C
		EPA 8082	EJK	8	PASI-C
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	MTS	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	MCK	65	PASI-C
		SM 4500-S2D	SAE	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92174785028	**MW-1D**	EPA 8081	RES	24	PASI-C
		EPA 8082	EJK	8	PASI-C

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SAMPLE ANALYTE COUNT

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	MTS	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	MCK	65	PASI-C
		SM 4500-S2D	SAE	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92174785029	**MW-4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785030	**MW-4D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785031	**MW-12**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785032	**MW-12D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785033	**MW-15S**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785034	**MW-15D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785035	**MW-2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785036	**MW-2D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785037	**MW-8**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785038	**MW-8D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785039	**MW-14**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785040	**MW-14D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785041	**Equipment Blank**	EPA 6010	JMW	15	PASI-A
		EPA 8260	MCK	51	PASI-C
92174785042	**Travel Blank**	EPA 8260	MCK	51	PASI-C

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-1 **Lab ID: 92174785001** Collected: 10/04/13 12:00 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:26		
Collected Date	**10/4/13**			1		10/28/13 14:26		
Collected Time	**12:00**			1		10/28/13 14:26		
Field pH	**7.1**	Std. Units	0.10	1		10/28/13 14:26		
Field Temperature	**18.5**	deg C	0.50	1		10/28/13 14:26		
Field Specific Conductance	**192.9**	umhos/cm	1.0	1		10/28/13 14:26		
Turbidity	**4.39**	NTU	1.0	1		10/28/13 14:26		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:20	7440-38-2	
Barium	**121**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:20	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:20	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:20	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:20	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:20	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:20	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 03:17	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 03:17	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 03:17	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 03:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 03:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 03:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 03:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 03:17	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 03:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 03:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 03:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 03:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 03:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 03:17	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 03:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 03:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 03:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 03:17	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 03:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 03:17	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-1 **Lab ID: 92174785001** Collected: 10/04/13 12:00 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 03:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 03:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 03:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 03:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 03:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 03:17	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 03:17	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 03:17	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 03:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 03:17	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 03:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 03:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 03:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 03:17	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 03:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 03:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 03:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 03:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 03:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 03:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 03:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 03:17	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 03:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 03:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 03:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/13 03:17	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		10/08/13 03:17	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/08/13 03:17	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-2 **Lab ID: 92174785002** Collected: 10/04/13 12:20 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:40		
Collected Date	**10/4/13**			1		10/28/13 14:40		
Collected Time	**12:20**			1		10/28/13 14:40		
Field pH	**7.7**	Std. Units	0.10	1		10/28/13 14:40		
Field Temperature	**16.2**	deg C	0.50	1		10/28/13 14:40		
Field Specific Conductance	**156.7**	umhos/cm	1.0	1		10/28/13 14:40		
Turbidity	**3.92**	NTU	1.0	1		10/28/13 14:40		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:32	7440-38-2	
Barium	**51.9**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:32	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:32	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:32	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:32	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:32	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:32	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 03:33	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 03:33	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 03:33	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 03:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 03:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 03:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 03:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 03:33	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 03:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 03:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 03:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 03:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 03:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 03:33	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 03:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 03:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 03:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 03:33	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 03:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 03:33	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-2 **Lab ID: 92174785002** Collected: 10/04/13 12:20 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 03:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 03:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 03:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 03:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 03:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 03:33	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 03:33	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 03:33	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 03:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 03:33	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 03:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 03:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 03:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 03:33	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 03:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 03:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 03:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 03:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 03:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 03:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 03:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 03:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 03:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 03:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 03:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/13 03:33	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/08/13 03:33	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/08/13 03:33	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-3 **Lab ID: 92174785003** Collected: 10/04/13 14:40 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:41		
Collected Date	**10/4/13**			1		10/28/13 14:41		
Collected Time	**14:40**			1		10/28/13 14:41		
Field pH	**9.1**	Std. Units	0.10	1		10/28/13 14:41		
Field Temperature	**28.7**	deg C	0.50	1		10/28/13 14:41		
Field Specific Conductance	**167**	umhos/cm	1.0	1		10/28/13 14:41		
Turbidity	**1.81**	NTU	1.0	1		10/28/13 14:41		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:35	7440-38-2	
Barium	**22.7**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:35	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:35	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:35	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:35	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:35	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 03:49	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 03:49	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 03:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 03:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 03:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 03:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 03:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 03:49	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 03:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 03:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 03:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 03:49	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 03:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 03:49	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 03:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 03:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 03:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 03:49	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 03:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 03:49	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-3 **Lab ID: 92174785003** Collected: 10/04/13 14:40 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 03:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 03:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 03:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 03:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 03:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 03:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 03:49	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 03:49	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 03:49	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 03:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 03:49	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 03:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 03:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 03:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 03:49	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 03:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 03:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 03:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 03:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 03:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 03:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 03:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 03:49	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 03:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 03:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 03:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/13 03:49	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/13 03:49	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/08/13 03:49	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-4 **Lab ID: 92174785004** Collected: 10/04/13 13:05 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:42		
Collected Date	**10/4/13**			1		10/28/13 14:42		
Collected Time	**13:05**			1		10/28/13 14:42		
Field pH	**8.2**	Std. Units	0.10	1		10/28/13 14:42		
Field Temperature	**21.7**	deg C	0.50	1		10/28/13 14:42		
Field Specific Conductance	**301.1**	umhos/cm	1.0	1		10/28/13 14:42		
Turbidity	**7.33**	NTU	1.0	1		10/28/13 14:42		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:38	7440-38-2	
Barium	**88.9**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:38	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:38	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:38	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:38	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:38	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:38	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 04:05	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 04:05	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 04:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 04:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 04:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 04:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 04:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 04:05	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 04:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 04:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 04:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 04:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 04:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 04:05	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 04:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 04:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 04:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:05	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 04:05	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-4 **Lab ID: 92174785004** Collected: 10/04/13 13:05 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 04:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 04:05	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 04:05	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 04:05	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 04:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 04:05	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 04:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 04:05	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 04:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 04:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 04:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 04:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 04:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 04:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 04:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 04:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 04:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/13 04:05	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/13 04:05	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 04:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-5 **Lab ID: 92174785005** Collected: 10/04/13 12:45 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:44		
Collected Date	**10/4/13**			1		10/28/13 14:44		
Collected Time	**12:45**			1		10/28/13 14:44		
Field pH	**8.2**	Std. Units	0.10	1		10/28/13 14:44		
Field Temperature	**21.7**	deg C	0.50	1		10/28/13 14:44		
Field Specific Conductance	**1543**	umhos/cm	1.0	1		10/28/13 14:44		
Turbidity	**5.32**	NTU	1.0	1		10/28/13 14:44		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:42	7440-38-2	
Barium	**33.7**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:42	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:42	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7439-92-1	
Nickel	**12.3**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:42	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:42	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:42	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:42	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 04:21	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 04:21	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 04:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 04:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 04:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 04:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 04:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 04:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 04:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 04:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 04:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 04:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 04:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 04:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 04:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 04:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 04:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:21	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 04:21	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: SW-5 **Lab ID: 92174785005** Collected: 10/04/13 12:45 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 04:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 04:21	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 04:21	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 04:21	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 04:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 04:21	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 04:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 04:21	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 04:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 04:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 04:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 04:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 04:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 04:21	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 04:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 04:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 04:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/13 04:21	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		10/08/13 04:21	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 04:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Leachate **Lab ID: 92174785006** Collected: 10/04/13 13:45 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:45		
Collected Date	**10/4/13**			1		10/28/13 14:45		
Collected Time	**13:45**			1		10/28/13 14:45		
Field pH	**8.5**	Std. Units	0.10	1		10/28/13 14:45		
Field Temperature	**29.3**	deg C	0.50	1		10/28/13 14:45		
Field Specific Conductance	**3246**	umhos/cm	1.0	1		10/28/13 14:45		
Turbidity	**9.97**	NTU	1.0	1		10/28/13 14:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:45	7440-38-2	
Barium	**37.2**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:45	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:45	7440-43-9	
Chromium	**5.6**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7439-92-1	
Nickel	**35.6**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:45	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:45	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:45	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:45	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 04:37	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 04:37	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 04:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 04:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 04:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 04:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 04:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 04:37	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 04:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 04:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 04:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 04:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 04:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 04:37	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 04:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 04:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 04:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 04:37	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Leachate **Lab ID: 92174785006** Collected: 10/04/13 13:45 Received: 10/04/13 16:51 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 04:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 04:37	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 04:37	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 04:37	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 04:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 04:37	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 04:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 04:37	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 04:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 04:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 04:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 04:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 04:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 04:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 04:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 04:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 04:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/08/13 04:37	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		10/08/13 04:37	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 04:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-1 **Lab ID: 92174785007** Collected: 10/04/13 15:00 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:46		
Collected Date	**10/4/13**			1		10/28/13 14:46		
Collected Time	**15:00**			1		10/28/13 14:46		
Field pH	**5.4**	Std. Units	0.10	1		10/28/13 14:46		
Field Temperature	**12.0**	deg C	0.50	1		10/28/13 14:46		
Field Specific Conductance	**206.4**	umhos/cm	1.0	1		10/28/13 14:46		
Turbidity	**0.79**	NTU	1.0	1		10/28/13 14:46		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:48	7440-38-2	
Barium	**55.0**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-47-3	
Cobalt	**126**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7439-92-1	
Nickel	**32.1**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:48	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:48	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:48	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:48	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 04:53	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 04:53	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 04:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 04:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 04:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 04:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 04:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 04:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 04:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 04:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 04:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 04:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 04:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 04:53	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 04:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 04:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 04:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 04:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 04:53	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-1 **Lab ID: 92174785007** Collected: 10/04/13 15:00 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	**3.0**	ug/L	1.0	1		10/08/13 04:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 04:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 04:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 04:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 04:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 04:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 04:53	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 04:53	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 04:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 04:53	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 04:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 04:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 04:53	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 04:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 04:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 04:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 04:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 04:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 04:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 04:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 04:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 04:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 04:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/13 04:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/13 04:53	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 04:53	2037-26-5	

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(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-2 **Lab ID: 92174785008** Collected: 10/04/13 14:15 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:47		
Collected Date	**10/4/13**			1		10/28/13 14:47		
Collected Time	**14:15**			1		10/28/13 14:47		
Field pH	**5.7**	Std. Units	0.10	1		10/28/13 14:47		
Field Temperature	**20.6**	deg C	0.50	1		10/28/13 14:47		
Field Specific Conductance	**314.6**	umhos/cm	1.0	1		10/28/13 14:47		
Turbidity	**1.70**	NTU	1.0	1		10/28/13 14:47		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:51	7440-38-2	
Barium	**101**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:51	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:51	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-47-3	
Cobalt	**47.9**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7439-92-1	
Nickel	**15.6**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:51	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:51	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:51	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:51	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 05:10	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 05:10	107-13-1	
Benzene	**1.4**	ug/L	1.0	1		10/08/13 05:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 05:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 05:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 05:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 05:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 05:10	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 05:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 05:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 05:10	108-90-7	
Chloroethane	**1.8**	ug/L	1.0	1		10/08/13 05:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 05:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 05:10	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 05:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 05:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 05:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 05:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 05:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 05:10	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-2 **Lab ID: 92174785008** Collected: 10/04/13 14:15 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	**4.9**	ug/L	1.0	1		10/08/13 05:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 05:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:10	75-35-4	
cis-1,2-Dichloroethene	**1.7**	ug/L	1.0	1		10/08/13 05:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 05:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 05:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 05:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 05:10	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 05:10	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 05:10	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 05:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 05:10	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 05:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 05:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 05:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 05:10	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 05:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 05:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 05:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 05:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 05:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 05:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 05:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 05:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 05:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 05:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 05:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/13 05:10	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		10/08/13 05:10	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 05:10	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-3 **Lab ID: 92174785009** Collected: 10/04/13 15:50 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:48		
Collected Date	**10/4/13**			1		10/28/13 14:48		
Collected Time	**15:50**			1		10/28/13 14:48		
Field pH	**6.1**	Std. Units	0.10	1		10/28/13 14:48		
Field Temperature	**19.9**	deg C	0.50	1		10/28/13 14:48		
Field Specific Conductance	**420**	umhos/cm	1.0	1		10/28/13 14:48		
Turbidity	**4.79**	NTU	1.0	1		10/28/13 14:48		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:54	7440-38-2	
Barium	**174**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:54	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:54	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-47-3	
Cobalt	**7.3**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:54	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:54	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:54	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:54	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 05:26	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 05:26	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 05:26	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 05:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 05:26	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 05:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 05:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 05:26	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 05:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 05:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 05:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 05:26	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 05:26	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 05:26	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 05:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 05:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 05:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 05:26	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 05:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 05:26	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-3 **Lab ID: 92174785009** Collected: 10/04/13 15:50 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 05:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 05:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 05:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 05:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 05:26	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 05:26	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 05:26	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 05:26	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 05:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 05:26	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 05:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 05:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 05:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 05:26	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 05:26	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 05:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 05:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 05:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 05:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 05:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 05:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 05:26	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 05:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 05:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 05:26	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/13 05:26	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/08/13 05:26	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/08/13 05:26	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-4 **Lab ID: 92174785010** Collected: 10/04/13 15:30 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:49		
Collected Date	**10/4/13**			1		10/28/13 14:49		
Collected Time	**15:30**			1		10/28/13 14:49		
Field pH	**5.6**	Std. Units	0.10	1		10/28/13 14:49		
Field Temperature	**20.0**	deg C	0.50	1		10/28/13 14:49		
Field Specific Conductance	**202.1**	umhos/cm	1.0	1		10/28/13 14:49		
Turbidity	**5.06**	NTU	1.0	1		10/28/13 14:49		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**26.1**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-36-0	
Arsenic	**18.0**	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:57	7440-38-2	
Barium	**153**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-39-3	
Beryllium	**1.0**	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:57	7440-41-7	
Cadmium	**1.0**	ug/L	1.0	1	10/08/13 10:15	10/12/13 09:57	7440-43-9	
Chromium	**794**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-47-3	
Cobalt	**21.9**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-48-4	
Copper	**555**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7439-92-1	
Nickel	**534**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:57	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/08/13 10:15	10/12/13 09:57	7440-28-0	
Vanadium	**16.4**	ug/L	5.0	1	10/08/13 10:15	10/12/13 09:57	7440-62-2	
Zinc	**127**	ug/L	10.0	1	10/08/13 10:15	10/12/13 09:57	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	**4220**	ug/L	1250	50		10/08/13 17:35	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 05:42	107-13-1	
Benzene	**6.2**	ug/L	1.0	1		10/08/13 05:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 05:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 05:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 05:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 05:42	74-83-9	
2-Butanone (MEK)	**5570**	ug/L	250	50		10/08/13 17:35	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 05:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 05:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 05:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 05:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 05:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 05:42	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 05:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 05:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 05:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 05:42	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 05:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 05:42	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-4 **Lab ID: 92174785010** Collected: 10/04/13 15:30 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	**1.8**	ug/L	1.0	1		10/08/13 05:42	75-34-3	
1,2-Dichloroethane	**2.3**	ug/L	1.0	1		10/08/13 05:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:42	75-35-4	
cis-1,2-Dichloroethene	**1.9**	ug/L	1.0	1		10/08/13 05:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 05:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 05:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 05:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 05:42	10061-02-6	
Ethylbenzene	**2.4**	ug/L	1.0	1		10/08/13 05:42	100-41-4	
2-Hexanone	**12.6**	ug/L	5.0	1		10/08/13 05:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 05:42	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 05:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**125**	ug/L	5.0	1		10/08/13 05:42	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 05:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 05:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 05:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 05:42	127-18-4	
Toluene	**10.3**	ug/L	1.0	1		10/08/13 05:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 05:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 05:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 05:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 05:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 05:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 05:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 05:42	75-01-4	
Xylene (Total)	**5.6**	ug/L	2.0	1		10/08/13 05:42	1330-20-7	
m&p-Xylene	**3.8**	ug/L	2.0	1		10/08/13 05:42	179601-23-1	
o-Xylene	**1.8**	ug/L	1.0	1		10/08/13 05:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/13 05:42	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/08/13 05:42	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/08/13 05:42	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-5 **Lab ID: 92174785011** Collected: 10/04/13 13:30 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:50		
Collected Date	**10/4/13**			1		10/28/13 14:50		
Collected Time	**13:30**			1		10/28/13 14:50		
Field pH	**6.2**	Std. Units	0.10	1		10/28/13 14:50		
Field Temperature	**22.6**	deg C	0.50	1		10/28/13 14:50		
Field Specific Conductance	**821**	umhos/cm	1.0	1		10/28/13 14:50		
Turbidity	**19.6**	NTU	1.0	1		10/28/13 14:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 10:00	7440-38-2	
Barium	**252**	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 10:00	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/08/13 10:15	10/12/13 10:00	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-47-3	
Cobalt	**94.0**	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-48-4	
Copper	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-50-8	
Lead	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7439-92-1	
Nickel	**24.4**	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/08/13 10:15	10/12/13 10:00	7782-49-2	
Silver	ND	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-22-4	
Thallium	**6.4**	ug/L	5.4	1	10/08/13 10:15	10/12/13 10:00	7440-28-0	
Vanadium	**10.8**	ug/L	5.0	1	10/08/13 10:15	10/12/13 10:00	7440-62-2	
Zinc	**11.8**	ug/L	10.0	1	10/08/13 10:15	10/12/13 10:00	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 14:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 14:22	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 14:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 14:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 14:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 14:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 14:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 14:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 14:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 14:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 14:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 14:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 14:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 14:22	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 14:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 14:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 14:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 14:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 14:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 14:22	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-5 **Lab ID: 92174785011** Collected: 10/04/13 13:30 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 14:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 14:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 14:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 14:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 14:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 14:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 14:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 14:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 14:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 14:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 14:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 14:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 14:22	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 14:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 14:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 14:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 14:22	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 14:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 14:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 14:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 14:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 14:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 14:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 14:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 14:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 14:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 14:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 14:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		10/08/13 14:22	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		10/08/13 14:22	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 14:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-6 **Lab ID: 92174785012** Collected: 10/04/13 15:15 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:51		
Collected Date	**10/4/13**			1		10/28/13 14:51		
Collected Time	**15:15**			1		10/28/13 14:51		
Field pH	**6.4**	Std. Units	0.10	1		10/28/13 14:51		
Field Temperature	**20.6**	deg C	0.50	1		10/28/13 14:51		
Field Specific Conductance	**746**	umhos/cm	1.0	1		10/28/13 14:51		
Turbidity	**5.08**	NTU	1.0	1		10/28/13 14:51		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/10/13 10:45	10/15/13 19:46	7440-38-2	
Barium	**373**	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/10/13 10:45	10/15/13 19:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/10/13 10:45	10/15/13 19:46	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-47-3	
Cobalt	**114**	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-48-4	
Copper	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-50-8	
Lead	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/10/13 10:45	10/15/13 19:46	7782-49-2	
Silver	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/10/13 10:45	10/15/13 19:46	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:46	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/10/13 10:45	10/15/13 19:46	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 14:38	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 14:38	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 14:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 14:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 14:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 14:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 14:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 14:38	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 14:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 14:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 14:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 14:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 14:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 14:38	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 14:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 14:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 14:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 14:38	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 14:38	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 14:38	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: LD-6 **Lab ID: 92174785012** Collected: 10/04/13 15:15 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 14:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 14:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 14:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 14:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 14:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 14:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 14:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 14:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 14:38	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 14:38	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 14:38	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 14:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 14:38	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 14:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 14:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 14:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 14:38	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 14:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 14:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 14:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 14:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 14:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 14:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 14:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 14:38	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 14:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 14:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 14:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/13 14:38	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/08/13 14:38	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 14:38	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Leachate LD **Lab ID: 92174785013** Collected: 10/04/13 14:00 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 14:54		
Collected Date	**10/4/13**			1		10/28/13 14:54		
Collected Time	**14:00**			1		10/28/13 14:54		
Field pH	**4.9**	Std. Units	0.10	1		10/28/13 14:54		
Field Temperature	**21.8**	deg C	0.50	1		10/28/13 14:54		
Field Specific Conductance	**690**	umhos/cm	1.0	1		10/28/13 14:54		
Turbidity	**1.32**	NTU	1.0	1		10/28/13 14:54		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-36-0	
Arsenic	**13.3**	ug/L	10.0	1	10/10/13 10:45	10/15/13 19:56	7440-38-2	
Barium	**28.2**	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-39-3	
Beryllium	**1.9**	ug/L	1.0	1	10/10/13 10:45	10/15/13 19:56	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/10/13 10:45	10/15/13 19:56	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-47-3	
Cobalt	**133**	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-48-4	
Copper	**47.2**	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-50-8	
Lead	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7439-92-1	
Nickel	**835**	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/10/13 10:45	10/15/13 19:56	7782-49-2	
Silver	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/10/13 10:45	10/15/13 19:56	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/10/13 10:45	10/15/13 19:56	7440-62-2	
Zinc	**370**	ug/L	10.0	1	10/10/13 10:45	10/15/13 19:56	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/13 06:30	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 06:30	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 06:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 06:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 06:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 06:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 06:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 06:30	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 06:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 06:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 06:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 06:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 06:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 06:30	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 06:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 06:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 06:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 06:30	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 06:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 06:30	110-57-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Leachate LD **Lab ID: 92174785013** Collected: 10/04/13 14:00 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 06:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 06:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 06:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 06:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 06:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 06:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 06:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 06:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 06:30	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 06:30	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 06:30	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 06:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 06:30	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 06:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 06:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 06:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 06:30	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 06:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 06:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 06:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 06:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 06:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 06:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 06:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 06:30	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 06:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 06:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/13 06:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/13 06:30	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/13 06:30	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		10/08/13 06:30	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: TVL BLK **Lab ID: 92174785014** Collected: 10/04/13 00:00 Received: 10/04/13 16:30 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		10/08/13 06:46	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/13 06:46	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/13 06:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/13 06:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/13 06:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/13 06:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/13 06:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/13 06:46	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/13 06:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/13 06:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/13 06:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/13 06:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/13 06:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/13 06:46	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/13 06:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/13 06:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/13 06:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 06:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/13 06:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/13 06:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/13 06:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/13 06:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/13 06:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 06:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/13 06:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/13 06:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 06:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/13 06:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/13 06:46	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/13 06:46	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/13 06:46	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/08/13 06:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/13 06:46	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/13 06:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 06:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/13 06:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/13 06:46	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/13 06:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/13 06:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/13 06:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/13 06:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/13 06:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/13 06:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/13 06:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/13 06:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/13 06:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/13 06:46	179601-23-1	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: TVL BLK **Lab ID: 92174785014** Collected: 10/04/13 00:00 Received: 10/04/13 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		10/08/13 06:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/13 06:46	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/13 06:46	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/13 06:46	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-3 **Lab ID: 92174785015** Collected: 10/09/13 12:05 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:02		
Collected Date	**10/9/13**			1		10/28/13 15:02		
Collected Time	**12:05**			1		10/28/13 15:02		
Field pH	**6.1**	Std. Units	0.10	1		10/28/13 15:02		
Field Temperature	**17.4**	deg C	0.50	1		10/28/13 15:02		
Static Water Level	**29.23**	feet		1		10/28/13 15:02		
Field Specific Conductance	**341.7**	umhos/cm	1.0	1		10/28/13 15:02		
Turbidity	**5.33**	NTU	1.0	1		10/28/13 15:02		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/10/13 15:20	10/16/13 00:44	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 00:44	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	10/10/13 15:20	10/16/13 00:44	72-43-5	
Mirex	ND	ug/L	0.15	1	10/10/13 15:20	10/16/13 00:44	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	10/10/13 15:20	10/16/13 00:44	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	55	%	20-130	1	10/10/13 15:20	10/16/13 00:44	877-09-8	
Decachlorobiphenyl (S)	69	%	20-130	1	10/10/13 15:20	10/16/13 00:44	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:16	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	69	%	10-132	1	10/11/13 14:00	10/18/13 05:16	2051-24-3	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-3 **Lab ID: 92174785015** Collected: 10/09/13 12:05 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.95	1	10/15/13 08:30	10/16/13 07:45	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/15/13 08:30	10/16/13 07:45	88-85-7	
Pentachlorophenol	ND	ug/L	0.029	1	10/15/13 08:30	10/16/13 07:45	87-86-5	
2,4,5-T	ND	ug/L	0.19	1	10/15/13 08:30	10/16/13 07:45	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/15/13 08:30	10/16/13 07:45	93-72-1	
Surrogates								
2,4-DCAA (S)	105	%	42-142	1	10/15/13 08:30	10/16/13 07:45	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 16:33	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 04:58	7440-38-2	
Barium	**185**	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 04:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 04:58	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-47-3	
Cobalt	**12.6**	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-48-4	
Copper	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-50-8	
Lead	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7439-92-1	
Nickel	**28.8**	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 04:58	7782-49-2	
Silver	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 04:58	7440-28-0	
Tin	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-31-5	
Vanadium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 04:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 04:58	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 18:48	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	106-47-8	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-3 **Lab ID: 92174785015** Collected: 10/09/13 12:05 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Chlorobenzilate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	218-01-9	
Diallate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 11:59	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 11:59	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/11/13 07:50	10/15/13 11:59	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	62-50-0	
Famphur	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	120-58-1	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-3 **Lab ID: 92174785015** Collected: 10/09/13 12:05 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Kepone	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 11:59	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 11:59	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59		
1-Naphthalenamine	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 11:59	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 11:59	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 11:59	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 11:59	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 11:59	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 11:59	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/11/13 07:50	10/15/13 11:59	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	85-01-8	
Phenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	106-50-3	
Phorate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	129-00-0	
Safrole	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 11:59	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	88-06-2	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-3 **Lab ID: 92174785015** Collected: 10/09/13 12:05 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 11:59	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	77	%	21-110	1	10/11/13 07:50	10/15/13 11:59	4165-60-0	
2-Fluorobiphenyl (S)	92	%	27-110	1	10/11/13 07:50	10/15/13 11:59	321-60-8	
Terphenyl-d14 (S)	47	%	31-107	1	10/11/13 07:50	10/15/13 11:59	1718-51-0	
Phenol-d6 (S)	28	%	10-110	1	10/11/13 07:50	10/15/13 11:59	13127-88-3	
2-Fluorophenol (S)	40	%	12-110	1	10/11/13 07:50	10/15/13 11:59	367-12-4	
2,4,6-Tribromophenol (S)	78	%	27-110	1	10/11/13 07:50	10/15/13 11:59	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 06:13	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/12/13 06:13	75-05-8	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 06:13	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/12/13 06:13	107-05-1	
Benzene	ND	ug/L	1.0	1		10/12/13 06:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 06:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 06:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 06:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 06:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 06:13	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 06:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 06:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 06:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 06:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 06:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 06:13	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/12/13 06:13	126-99-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 06:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 06:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 06:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/12/13 06:13	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/12/13 06:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 06:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 06:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:13	75-35-4	
cis-1,2-Dichloroethene	**1.2**	ug/L	1.0	1		10/12/13 06:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 06:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/12/13 06:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 06:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 06:13	100-41-4	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-3 **Lab ID: 92174785015** Collected: 10/09/13 12:05 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/12/13 06:13	97-63-2	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 06:13	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 06:13	74-88-4	
Isobutanol	ND	ug/L	100	1		10/12/13 06:13	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		10/12/13 06:13	126-98-7	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 06:13	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/12/13 06:13	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 06:13	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/12/13 06:13	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/12/13 06:13	107-12-0	
Styrene	ND	ug/L	1.0	1		10/12/13 06:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 06:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 06:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 06:13	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 06:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 06:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 06:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 06:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 06:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 06:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 06:13	108-05-4	
Vinyl chloride	**2.0**	ug/L	1.0	1		10/12/13 06:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 06:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 06:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 06:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 06:13	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		10/12/13 06:13	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 06:13	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/16/13 14:03	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/21/13 15:43	57-12-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-5 **Lab ID: 92174785016** Collected: 10/09/13 13:00 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:03		
Collected Date	**10/9/13**			1		10/28/13 15:03		
Collected Time	**13:00**			1		10/28/13 15:03		
Field pH	**6.4**	Std. Units	0.10	1		10/28/13 15:03		
Field Temperature	**16.7**	deg C	0.50	1		10/28/13 15:03		
Static Water Level	**34.94**	feet		1		10/28/13 15:03		
Field Specific Conductance	**204.7**	umhos/cm	1.0	1		10/28/13 15:03		
Turbidity	**2.55**	NTU	1.0	1		10/28/13 15:03		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 15:36	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:11	7440-38-2	
Barium	**101**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:11	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:11	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:11	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:11	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:11	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:11	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 06:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 06:29	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 06:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 06:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 06:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 06:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 06:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 06:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 06:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 06:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 06:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 06:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 06:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 06:29	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 06:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 06:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 06:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:29	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-5 **Lab ID: 92174785016** Collected: 10/09/13 13:00 Received: 10/10/13 08:45 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		10/12/13 06:29	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 06:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 06:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 06:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 06:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 06:29	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 06:29	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 06:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 06:29	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 06:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 06:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 06:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 06:29	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 06:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 06:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 06:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 06:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 06:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 06:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 06:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 06:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 06:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 06:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 06:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 06:29	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		10/12/13 06:29	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 06:29	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-5D **Lab ID: 92174785017** Collected: 10/09/13 13:15 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:05		
Collected Date	**10/9/13**			1		10/28/13 15:05		
Collected Time	**13:15**			1		10/28/13 15:05		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 15:05		
Field Temperature	**17.3**	deg C	0.50	1		10/28/13 15:05		
Static Water Level	**36.95**	feet		1		10/28/13 15:05		
Field Specific Conductance	**203.9**	umhos/cm	1.0	1		10/28/13 15:05		
Turbidity	**2.84**	NTU	1.0	1		10/28/13 15:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 15:46	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:20	7440-38-2	
Barium	**63.0**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:20	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:20	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:20	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:20	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:20	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:20	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 06:45	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 06:45	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 06:45	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 06:45	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 06:45	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 06:45	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 06:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 06:45	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 06:45	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 06:45	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 06:45	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 06:45	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 06:45	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 06:45	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 06:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 06:45	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 06:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:45	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 06:45	106-46-7	

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(704)875-9092

ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-5D **Lab ID: 92174785017** Collected: 10/09/13 13:15 Received: 10/10/13 08:45 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		10/12/13 06:45	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 06:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 06:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 06:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 06:45	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 06:45	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 06:45	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 06:45	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 06:45	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 06:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 06:45	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 06:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 06:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 06:45	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 06:45	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 06:45	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 06:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 06:45	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 06:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 06:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 06:45	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 06:45	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 06:45	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 06:45	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 06:45	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 06:45	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 06:45	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		10/12/13 06:45	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 06:45	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-6 **Lab ID: 92174785018** Collected: 10/09/13 13:20 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:14		
Collected Date	**10/9/13**			1		10/28/13 15:14		
Collected Time	**13:20**			1		10/28/13 15:14		
Field pH	**6.2**	Std. Units	0.10	1		10/28/13 15:14		
Field Temperature	**17.0**	deg C	0.50	1		10/28/13 15:14		
Static Water Level	**25.71**	feet		1		10/28/13 15:14		
Field Specific Conductance	**143.2**	umhos/cm	1.0	1		10/28/13 15:14		
Turbidity	**1.18**	NTU	1.0	1		10/28/13 15:14		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 15:49	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:24	7440-38-2	
Barium	**50.7**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:24	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:24	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:24	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:24	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:24	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:24	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 07:01	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 07:01	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 07:01	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 07:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 07:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 07:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 07:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 07:01	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 07:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 07:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 07:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 07:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 07:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 07:01	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 07:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 07:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 07:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:01	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:01	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-6 **Lab ID: 92174785018** Collected: 10/09/13 13:20 Received: 10/10/13 08:45 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		10/12/13 07:01	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 07:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:01	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 07:01	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 07:01	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 07:01	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 07:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 07:01	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 07:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 07:01	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 07:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 07:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 07:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 07:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 07:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 07:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 07:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 07:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 07:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		10/12/13 07:01	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		10/12/13 07:01	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/12/13 07:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-7 **Lab ID: 92174785019** Collected: 10/09/13 13:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:16		
Collected Date	**10/9/13**			1		10/28/13 15:16		
Collected Time	**13:45**			1		10/28/13 15:16		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 15:16		
Field Temperature	**17.1**	deg C	0.50	1		10/28/13 15:16		
Field Specific Conductance	**716**	umhos/cm	1.0	1		10/28/13 15:16		
Field Oxidation Potential	**43.27**	mV		1		10/28/13 15:16		
Turbidity	**2.12**	NTU	1.0	1		10/28/13 15:16		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/10/13 15:20	10/16/13 01:02	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	10/10/13 15:20	10/16/13 01:02	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	10/10/13 15:20	10/16/13 01:02	72-43-5	
Mirex	ND	ug/L	0.15	1	10/10/13 15:20	10/16/13 01:02	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	10/10/13 15:20	10/16/13 01:02	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	62	%	20-130	1	10/10/13 15:20	10/16/13 01:02	877-09-8	
Decachlorobiphenyl (S)	51	%	20-130	1	10/10/13 15:20	10/16/13 01:02	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/11/13 14:00	10/18/13 05:37	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	29	%	10-132	1	10/11/13 14:00	10/18/13 05:37	2051-24-3	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-7 **Lab ID: 92174785019** Collected: 10/09/13 13:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**20.8**	ug/L	4.8	5	10/15/13 08:30	10/18/13 02:52	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/15/13 08:30	10/16/13 08:46	88-85-7	
Pentachlorophenol	ND	ug/L	0.029	1	10/15/13 08:30	10/16/13 08:46	87-86-5	
2,4,5-T	ND	ug/L	0.19	1	10/15/13 08:30	10/16/13 08:46	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/15/13 08:30	10/16/13 08:46	93-72-1	
Surrogates								
2,4-DCAA (S)	122	%	42-142	1	10/15/13 08:30	10/16/13 08:46	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 16:42	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:07	7440-38-2	
Barium	**132**	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 05:07	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 05:07	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-48-4	
Copper	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-50-8	
Lead	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7439-92-1	
Nickel	**14.7**	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:07	7782-49-2	
Silver	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:07	7440-28-0	
Tin	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-31-5	
Vanadium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:07	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:07	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 18:56	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	106-47-8	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-7 **Lab ID: 92174785019** Collected: 10/09/13 13:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Chlorobenzilate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	218-01-9	
Diallate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 13:12	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 13:12	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/11/13 07:50	10/15/13 13:12	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	62-50-0	
Famphur	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	120-58-1	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-7 **Lab ID: 92174785019** Collected: 10/09/13 13:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Kepone	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 13:12	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 13:12	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12		
1-Naphthalenamine	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 13:12	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 13:12	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/11/13 07:50	10/15/13 13:12	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 13:12	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 13:12	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/11/13 07:50	10/15/13 13:12	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/11/13 07:50	10/15/13 13:12	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	85-01-8	
Phenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	106-50-3	
Phorate	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	129-00-0	
Safrole	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/11/13 07:50	10/15/13 13:12	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	88-06-2	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-7 **Lab ID: 92174785019** Collected: 10/09/13 13:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/11/13 07:50	10/15/13 13:12	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	44	%	21-110	1	10/11/13 07:50	10/15/13 13:12	4165-60-0	
2-Fluorobiphenyl (S)	54	%	27-110	1	10/11/13 07:50	10/15/13 13:12	321-60-8	
Terphenyl-d14 (S)	33	%	31-107	1	10/11/13 07:50	10/15/13 13:12	1718-51-0	
Phenol-d6 (S)	15	%	10-110	1	10/11/13 07:50	10/15/13 13:12	13127-88-3	
2-Fluorophenol (S)	21	%	12-110	1	10/11/13 07:50	10/15/13 13:12	367-12-4	
2,4,6-Tribromophenol (S)	58	%	27-110	1	10/11/13 07:50	10/15/13 13:12	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 07:18	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/12/13 07:18	75-05-8	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 07:18	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/12/13 07:18	107-05-1	
Benzene	ND	ug/L	1.0	1		10/12/13 07:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 07:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 07:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 07:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 07:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 07:18	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 07:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 07:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 07:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 07:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 07:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 07:18	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/12/13 07:18	126-99-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 07:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 07:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 07:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/12/13 07:18	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/12/13 07:18	75-71-8	
1,1-Dichloroethane	**3.0**	ug/L	1.0	1		10/12/13 07:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 07:18	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/12/13 07:18	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 07:18	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 07:18	100-41-4	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-7 **Lab ID: 92174785019** Collected: 10/09/13 13:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/12/13 07:18	97-63-2	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 07:18	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 07:18	74-88-4	
Isobutanol	ND	ug/L	100	1		10/12/13 07:18	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		10/12/13 07:18	126-98-7	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 07:18	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/12/13 07:18	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 07:18	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/12/13 07:18	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/12/13 07:18	107-12-0	
Styrene	ND	ug/L	1.0	1		10/12/13 07:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 07:18	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 07:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 07:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 07:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 07:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 07:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 07:18	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 07:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 07:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 07:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	95	%	70-130	1		10/12/13 07:18	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		10/12/13 07:18	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 07:18	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/16/13 14:03	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/21/13 15:44	57-12-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-10 **Lab ID: 92174785020** Collected: 10/09/13 11:00 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:18		
Collected Date	**10/9/13**			1		10/28/13 15:18		
Collected Time	**11:00**			1		10/28/13 15:18		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 15:18		
Field Temperature	**16.6**	deg C	0.50	1		10/28/13 15:18		
Static Water Level	**69.58**	feet		1		10/28/13 15:18		
Field Specific Conductance	**317.3**	umhos/cm	1.0	1		10/28/13 15:18		
Turbidity	**2.63**	NTU	1.0	1		10/28/13 15:18		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 15:52	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:36	7440-38-2	
Barium	**127**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:36	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:36	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:36	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:36	7440-28-0	
Vanadium	**7.9**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:36	7440-62-2	
Zinc	**27.9**	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:36	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 07:34	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 07:34	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 07:34	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 07:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 07:34	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 07:34	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 07:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 07:34	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 07:34	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 07:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 07:34	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 07:34	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 07:34	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 07:34	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 07:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 07:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 07:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:34	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:34	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-10 **Lab ID: 92174785020** Collected: 10/09/13 11:00 Received: 10/10/13 08:45 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		10/12/13 07:34	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 07:34	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:34	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 07:34	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 07:34	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 07:34	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 07:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 07:34	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 07:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 07:34	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 07:34	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 07:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 07:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 07:34	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 07:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 07:34	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 07:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 07:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 07:34	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-130	1		10/12/13 07:34	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		10/12/13 07:34	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/12/13 07:34	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-10D **Lab ID: 92174785021** Collected: 10/09/13 11:10 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:21		
Collected Date	**10/9/13**			1		10/28/13 15:21		
Collected Time	**11:10**			1		10/28/13 15:21		
Field pH	**6.7**	Std. Units	0.10	1		10/28/13 15:21		
Field Temperature	**16.5**	deg C	0.50	1		10/28/13 15:21		
Static Water Level	**70.28**	feet		1		10/28/13 15:21		
Field Specific Conductance	**281.5**	umhos/cm	1.0	1		10/28/13 15:21		
Turbidity	**1.83**	NTU	1.0	1		10/28/13 15:21		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 15:55	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:39	7440-38-2	
Barium	**23.2**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:39	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:39	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7439-92-1	
Nickel	**11.3**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:39	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:39	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:39	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:39	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 07:50	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 07:50	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 07:50	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 07:50	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 07:50	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 07:50	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 07:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 07:50	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 07:50	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 07:50	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 07:50	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 07:50	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 07:50	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 07:50	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 07:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 07:50	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 07:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:50	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 07:50	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-10D **Lab ID: 92174785021** Collected: 10/09/13 11:10 Received: 10/10/13 08:45 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		10/12/13 07:50	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 07:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 07:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 07:50	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 07:50	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 07:50	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 07:50	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 07:50	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 07:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 07:50	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 07:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 07:50	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 07:50	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 07:50	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 07:50	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 07:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 07:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 07:50	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 07:50	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 07:50	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 07:50	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 07:50	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 07:50	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 07:50	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		10/12/13 07:50	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/12/13 07:50	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-11 **Lab ID: 92174785022** Collected: 10/09/13 14:00 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:22		
Collected Date	**10/9/13**			1		10/28/13 15:22		
Collected Time	**14:00**			1		10/28/13 15:22		
Field pH	**6.7**	Std. Units	0.10	1		10/28/13 15:22		
Field Temperature	**15.6**	deg C	0.50	1		10/28/13 15:22		
Static Water Level	**32.13**	feet		1		10/28/13 15:22		
Field Specific Conductance	**394.1**	umhos/cm	1.0	1		10/28/13 15:22		
Turbidity	**0.90**	NTU	1.0	1		10/28/13 15:22		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 15:58	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:42	7440-38-2	
Barium	**75.4**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:42	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:42	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7439-92-1	
Nickel	**15.4**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:42	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:42	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:42	7440-62-2	
Zinc	**10.5**	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:42	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 08:06	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 08:06	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 08:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 08:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 08:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 08:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 08:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 08:06	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 08:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 08:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 08:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 08:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 08:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 08:06	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 08:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 08:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 08:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:06	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:06	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-11 **Lab ID: 92174785022** Collected: 10/09/13 14:00 Received: 10/10/13 08:45 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		10/12/13 08:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 08:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 08:06	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 08:06	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 08:06	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 08:06	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 08:06	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 08:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 08:06	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 08:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 08:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 08:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 08:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 08:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 08:06	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 08:06	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 08:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 08:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	92	%	70-130	1		10/12/13 08:06	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		10/12/13 08:06	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 08:06	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-11D **Lab ID: 92174785023** Collected: 10/09/13 14:10 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:23		
Collected Date	**10/9/13**			1		10/28/13 15:23		
Collected Time	**14:10**			1		10/28/13 15:23		
Field pH	**6.6**	Std. Units	0.10	1		10/28/13 15:23		
Field Temperature	**15.2**	deg C	0.50	1		10/28/13 15:23		
Static Water Level	**32.80**	feet		1		10/28/13 15:23		
Field Specific Conductance	**403.1**	umhos/cm	1.0	1		10/28/13 15:23		
Turbidity	**0.47**	NTU	1.0	1		10/28/13 15:23		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:01	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:46	7440-38-2	
Barium	**20.1**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:46	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:46	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:46	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:46	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:46	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 08:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 08:22	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 08:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 08:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 08:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 08:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 08:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 08:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 08:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 08:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 08:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 08:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 08:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 08:22	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 08:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 08:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 08:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:22	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-11D **Lab ID: 92174785023** Collected: 10/09/13 14:10 Received: 10/10/13 08:45 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		10/12/13 08:22	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 08:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 08:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 08:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 08:22	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 08:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 08:22	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 08:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 08:22	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 08:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 08:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 08:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 08:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 08:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 08:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 08:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 08:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 08:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 08:22	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		10/12/13 08:22	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 08:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-13 **Lab ID: 92174785024** Collected: 10/09/13 11:35 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:32		
Collected Date	**10/9/13**			1		10/28/13 15:32		
Collected Time	**11:35**			1		10/28/13 15:32		
Field pH	**6.7**	Std. Units	0.10	1		10/28/13 15:32		
Field Temperature	**17.7**	deg C	0.50	1		10/28/13 15:32		
Static Water Level	**3.97**	feet		1		10/28/13 15:32		
Field Specific Conductance	**478.7**	umhos/cm	1.0	1		10/28/13 15:32		
Turbidity	**2.64**	NTU	1.0	1		10/28/13 15:32		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:04	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:49	7440-38-2	
Barium	**203**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:49	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:49	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-47-3	
Cobalt	**18.9**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:49	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:49	7440-28-0	
Vanadium	**8.1**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:49	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:49	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 08:38	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 08:38	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 08:38	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 08:38	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 08:38	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 08:38	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 08:38	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 08:38	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 08:38	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 08:38	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 08:38	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 08:38	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 08:38	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 08:38	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 08:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 08:38	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 08:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:38	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:38	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-13 **Lab ID: 92174785024** Collected: 10/09/13 11:35 Received: 10/10/13 08:45 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		10/12/13 08:38	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:38	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:38	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 08:38	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:38	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 08:38	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 08:38	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 08:38	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 08:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 08:38	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 08:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:38	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 08:38	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 08:38	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:38	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 08:38	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 08:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 08:38	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 08:38	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 08:38	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 08:38	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 08:38	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 08:38	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 08:38	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		10/12/13 08:38	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 08:38	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-13D **Lab ID: 92174785025** Collected: 10/09/13 11:45 Received: 10/10/13 08:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:33		
Collected Date	**10/9/13**			1		10/28/13 15:33		
Collected Time	**11:45**			1		10/28/13 15:33		
Field pH	**6.4**	Std. Units	0.10	1		10/28/13 15:33		
Field Temperature	**17.6**	deg C	0.50	1		10/28/13 15:33		
Static Water Level	**5.67**	feet		1		10/28/13 15:33		
Field Specific Conductance	**480.7**	umhos/cm	1.0	1		10/28/13 15:33		
Turbidity	**2.87**	NTU	1.0	1		10/28/13 15:33		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:17	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:52	7440-38-2	
Barium	**339**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:52	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:52	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-47-3	
Cobalt	**28.2**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7439-92-1	
Nickel	**22.4**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:52	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:52	7440-28-0	
Vanadium	**5.4**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:52	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:52	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/12/13 08:55	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/12/13 08:55	107-13-1	
Benzene	ND	ug/L	1.0	1		10/12/13 08:55	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/12/13 08:55	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/12/13 08:55	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/12/13 08:55	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/12/13 08:55	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/12/13 08:55	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/12/13 08:55	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/12/13 08:55	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/12/13 08:55	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/12/13 08:55	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/12/13 08:55	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/12/13 08:55	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/12/13 08:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/12/13 08:55	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/12/13 08:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:55	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/12/13 08:55	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-13D **Lab ID: 92174785025** Collected: 10/09/13 11:45 Received: 10/10/13 08:45 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		10/12/13 08:55	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:55	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/12/13 08:55	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/12/13 08:55	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/12/13 08:55	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/12/13 08:55	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/12/13 08:55	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/12/13 08:55	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/12/13 08:55	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/12/13 08:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/12/13 08:55	108-10-1	
Styrene	ND	ug/L	1.0	1		10/12/13 08:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/12/13 08:55	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/12/13 08:55	127-18-4	
Toluene	ND	ug/L	1.0	1		10/12/13 08:55	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/12/13 08:55	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/12/13 08:55	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/12/13 08:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/12/13 08:55	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/12/13 08:55	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/12/13 08:55	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/12/13 08:55	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/12/13 08:55	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/12/13 08:55	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	94	%	70-130	1		10/12/13 08:55	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		10/12/13 08:55	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/12/13 08:55	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1 **Lab ID: 92174785027** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:37		
Collected Date	**10/10/13**			1		10/28/13 15:37		
Collected Time	**11:45**			1		10/28/13 15:37		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 15:37		
Field Temperature	**15.0**	deg C	0.50	1		10/28/13 15:37		
Static Water Level	**66.68**	feet		1		10/28/13 15:37		
Field Specific Conductance	**149.7**	umhos/cm	1.0	1		10/28/13 15:37		
Alkalinity, Total as CaCO3	**1.83**	mg/L	1.0	1		10/28/13 15:37		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/15/13 10:45	10/18/13 17:19	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:19	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	10/15/13 10:45	10/18/13 17:19	72-43-5	
Mirex	ND	ug/L	0.15	1	10/15/13 10:45	10/18/13 17:19	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	10/15/13 10:45	10/18/13 17:19	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	40	%	20-130	1	10/15/13 10:45	10/18/13 17:19	877-09-8	
Decachlorobiphenyl (S)	39	%	20-130	1	10/15/13 10:45	10/18/13 17:19	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 19:49	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	33	%	10-132	1	10/16/13 10:00	10/20/13 19:49	2051-24-3	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1 **Lab ID: 92174785027** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	10/16/13 07:30	10/17/13 01:10	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/16/13 07:30	10/17/13 01:10	88-85-7	
Pentachlorophenol	ND	ug/L	0.028	1	10/16/13 07:30	10/17/13 01:10	87-86-5	
2,4,5-T	ND	ug/L	0.19	1	10/16/13 07:30	10/17/13 01:10	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/16/13 07:30	10/17/13 01:10	93-72-1	
Surrogates								
2,4-DCAA (S)	108	%	42-142	1	10/16/13 07:30	10/17/13 01:10	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 16:45	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:10	7440-38-2	
Barium	**106**	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 05:10	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 05:10	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-48-4	
Copper	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-50-8	
Lead	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:10	7782-49-2	
Silver	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:10	7440-28-0	
Tin	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-31-5	
Vanadium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:10	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:10	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 18:58	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	106-47-8	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1 **Lab ID: 92174785027** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Chlorobenzilate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	218-01-9	
Diallate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 14:58	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 14:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/14/13 13:30	10/17/13 14:58	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	62-50-0	
Famphur	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	120-58-1	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1 **Lab ID: 92174785027** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Kepone	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 14:58	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 14:58	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58		
1-Naphthalenamine	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 14:58	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 14:58	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 14:58	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 14:58	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 14:58	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 14:58	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/14/13 13:30	10/17/13 14:58	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	85-01-8	
Phenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	106-50-3	
Phorate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	129-00-0	
Safrole	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 14:58	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	88-06-2	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1 **Lab ID: 92174785027** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 14:58	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	72	%	21-110	1	10/14/13 13:30	10/17/13 14:58	4165-60-0	
2-Fluorobiphenyl (S)	76	%	27-110	1	10/14/13 13:30	10/17/13 14:58	321-60-8	
Terphenyl-d14 (S)	50	%	31-107	1	10/14/13 13:30	10/17/13 14:58	1718-51-0	
Phenol-d6 (S)	21	%	10-110	1	10/14/13 13:30	10/17/13 14:58	13127-88-3	
2-Fluorophenol (S)	32	%	12-110	1	10/14/13 13:30	10/17/13 14:58	367-12-4	
2,4,6-Tribromophenol (S)	75	%	27-110	1	10/14/13 13:30	10/17/13 14:58	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 05:07	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/16/13 05:07	75-05-8	L3
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 05:07	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/16/13 05:07	107-05-1	
Benzene	ND	ug/L	1.0	1		10/16/13 05:07	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 05:07	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 05:07	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 05:07	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 05:07	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 05:07	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 05:07	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 05:07	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 05:07	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 05:07	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 05:07	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 05:07	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/16/13 05:07	126-99-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 05:07	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 05:07	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 05:07	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:07	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/16/13 05:07	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/16/13 05:07	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:07	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:07	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:07	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:07	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:07	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:07	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:07	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:07	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:07	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:07	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:07	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 05:07	100-41-4	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1 **Lab ID: 92174785027** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/16/13 05:07	97-63-2	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 05:07	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 05:07	74-88-4	
Isobutanol	ND	ug/L	100	1		10/16/13 05:07	78-83-1	L3
Methacrylonitrile	ND	ug/L	10.0	1		10/16/13 05:07	126-98-7	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 05:07	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/16/13 05:07	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 05:07	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/16/13 05:07	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/16/13 05:07	107-12-0	
Styrene	ND	ug/L	1.0	1		10/16/13 05:07	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:07	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:07	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 05:07	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 05:07	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:07	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:07	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 05:07	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 05:07	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 05:07	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 05:07	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 05:07	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 05:07	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 05:07	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 05:07	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/16/13 05:07	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		10/16/13 05:07	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 05:07	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/16/13 14:03	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/21/13 16:04	57-12-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1D **Lab ID: 92174785028** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:37		
Collected Date	**10/10/13**			1		10/28/13 15:37		
Collected Time	**12:00**			1		10/28/13 15:37		
Field pH	**7.1**	Std. Units	0.10	1		10/28/13 15:37		
Field Temperature	**15.8**	deg C	0.50	1		10/28/13 15:37		
Static Water Level	**69.11**	feet		1		10/28/13 15:37		
Field Specific Conductance	**221.4**	umhos/cm	1.0	1		10/28/13 15:37		
Turbidity	**1.73**	NTU	1.0	1		10/28/13 15:37		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/15/13 10:45	10/18/13 17:36	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	7421-93-4	
Endrin ketone	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	53494-70-5	
Heptachlor	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	1024-57-3	
Hexachlorobenzene	ND	ug/L	0.050	1	10/15/13 10:45	10/18/13 17:36	118-74-1	
Methoxychlor	ND	ug/L	0.15	1	10/15/13 10:45	10/18/13 17:36	72-43-5	
Mirex	ND	ug/L	0.15	1	10/15/13 10:45	10/18/13 17:36	2385-85-5	
Toxaphene	ND	ug/L	0.20	1	10/15/13 10:45	10/18/13 17:36	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	57	%	20-130	1	10/15/13 10:45	10/18/13 17:36	877-09-8	
Decachlorobiphenyl (S)	33	%	20-130	1	10/15/13 10:45	10/18/13 17:36	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/16/13 10:00	10/20/13 20:53	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	94	%	10-132	1	10/16/13 10:00	10/20/13 20:53	2051-24-3	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1D **Lab ID: 92174785028** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	10/16/13 07:30	10/17/13 01:40	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/16/13 07:30	10/17/13 01:40	88-85-7	
Pentachlorophenol	ND	ug/L	0.029	1	10/16/13 07:30	10/17/13 01:40	87-86-5	
2,4,5-T	ND	ug/L	0.19	1	10/16/13 07:30	10/17/13 01:40	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/16/13 07:30	10/17/13 01:40	93-72-1	
Surrogates								
2,4-DCAA (S)	97	%	42-142	1	10/16/13 07:30	10/17/13 01:40	19719-28-9	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 16:58	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:13	7440-38-2	
Barium	**31.8**	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 05:13	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/12/13 11:45	10/18/13 05:13	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-48-4	
Copper	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-50-8	
Lead	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:13	7782-49-2	
Silver	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-22-4	
Thallium	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:13	7440-28-0	
Tin	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-31-5	
Vanadium	ND	ug/L	5.0	1	10/12/13 11:45	10/18/13 05:13	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/12/13 11:45	10/18/13 05:13	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:01	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	106-47-8	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1D **Lab ID: 92174785028** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Chlorobenzilate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	218-01-9	
Diallate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 15:34	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 15:34	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/14/13 13:30	10/17/13 15:34	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	62-50-0	
Famphur	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	120-58-1	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1D **Lab ID: 92174785028** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Kepone	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 15:34	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 15:34	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34		
1-Naphthalenamine	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 15:34	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 15:34	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/14/13 13:30	10/17/13 15:34	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 15:34	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 15:34	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/14/13 13:30	10/17/13 15:34	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/14/13 13:30	10/17/13 15:34	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	85-01-8	
Phenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	106-50-3	
Phorate	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	129-00-0	
Safrole	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/14/13 13:30	10/17/13 15:34	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	88-06-2	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1D **Lab ID: 92174785028** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/14/13 13:30	10/17/13 15:34	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	62	%	21-110	1	10/14/13 13:30	10/17/13 15:34	4165-60-0	
2-Fluorobiphenyl (S)	60	%	27-110	1	10/14/13 13:30	10/17/13 15:34	321-60-8	
Terphenyl-d14 (S)	34	%	31-107	1	10/14/13 13:30	10/17/13 15:34	1718-51-0	
Phenol-d6 (S)	20	%	10-110	1	10/14/13 13:30	10/17/13 15:34	13127-88-3	
2-Fluorophenol (S)	28	%	12-110	1	10/14/13 13:30	10/17/13 15:34	367-12-4	
2,4,6-Tribromophenol (S)	61	%	27-110	1	10/14/13 13:30	10/17/13 15:34	118-79-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 05:23	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/16/13 05:23	75-05-8	L3
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 05:23	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/16/13 05:23	107-05-1	
Benzene	ND	ug/L	1.0	1		10/16/13 05:23	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 05:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 05:23	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 05:23	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 05:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 05:23	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 05:23	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 05:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 05:23	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 05:23	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 05:23	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 05:23	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/16/13 05:23	126-99-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 05:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 05:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 05:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:23	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/16/13 05:23	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/16/13 05:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:23	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 05:23	100-41-4	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-1D **Lab ID: 92174785028** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/16/13 05:23	97-63-2	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 05:23	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 05:23	74-88-4	
Isobutanol	ND	ug/L	100	1		10/16/13 05:23	78-83-1	L3
Methacrylonitrile	ND	ug/L	10.0	1		10/16/13 05:23	126-98-7	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 05:23	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/16/13 05:23	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 05:23	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/16/13 05:23	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/16/13 05:23	107-12-0	
Styrene	ND	ug/L	1.0	1		10/16/13 05:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 05:23	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 05:23	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 05:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 05:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 05:23	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 05:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 05:23	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 05:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 05:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 05:23	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/16/13 05:23	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		10/16/13 05:23	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/16/13 05:23	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/16/13 14:03	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/21/13 16:05	57-12-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-4 **Lab ID: 92174785029** Collected: 10/10/13 13:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:40		
Collected Date	**10/10/13**			1		10/28/13 15:40		
Collected Time	**13:00**			1		10/28/13 15:40		
Field pH	**6.4**	Std. Units	0.10	1		10/28/13 15:40		
Field Temperature	**17.2**	deg C	0.50	1		10/28/13 15:40		
Static Water Level	**13.89**	feet		1		10/28/13 15:40		
Field Specific Conductance	**217.4**	umhos/cm	1.0	1		10/28/13 15:40		
Turbidity	**0.47**	NTU	1.0	1		10/28/13 15:40		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:20	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:55	7440-38-2	
Barium	**72.5**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:55	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:55	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:55	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:55	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:55	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:55	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 05:39	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 05:39	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 05:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 05:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 05:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 05:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 05:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 05:39	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 05:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 05:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 05:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 05:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 05:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 05:39	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 05:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 05:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 05:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:39	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-4 **Lab ID: 92174785029** Collected: 10/10/13 13:00 Received: 10/11/13 09:20 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		10/16/13 05:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 05:39	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 05:39	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 05:39	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 05:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 05:39	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 05:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 05:39	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 05:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 05:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 05:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 05:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 05:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 05:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 05:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 05:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 05:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/16/13 05:39	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		10/16/13 05:39	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 05:39	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-4D **Lab ID: 92174785030** Collected: 10/10/13 13:15 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:44		
Collected Date	**10/10/13**			1		10/28/13 15:44		
Collected Time	**13:15**			1		10/28/13 15:44		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 15:44		
Field Temperature	**16.3**	deg C	0.50	1		10/28/13 15:44		
Static Water Level	**14.51**	feet		1		10/28/13 15:44		
Field Specific Conductance	**265.0**	umhos/cm	1.0	1		10/28/13 15:44		
Turbidity	**4.95**	NTU	1.0	1		10/28/13 15:44		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:23	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:58	7440-38-2	
Barium	**29.9**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 03:58	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:58	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 03:58	7440-28-0	
Vanadium	**5.3**	ug/L	5.0	1	10/15/13 09:40	10/18/13 03:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 03:58	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 05:56	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 05:56	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 05:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 05:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 05:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 05:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 05:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 05:56	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 05:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 05:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 05:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 05:56	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 05:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 05:56	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 05:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 05:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 05:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:56	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 05:56	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-4D **Lab ID: 92174785030** Collected: 10/10/13 13:15 Received: 10/11/13 09:20 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		10/16/13 05:56	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 05:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 05:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 05:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 05:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 05:56	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 05:56	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 05:56	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 05:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 05:56	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 05:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 05:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 05:56	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 05:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 05:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 05:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 05:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 05:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 05:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 05:56	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 05:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 05:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 05:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/16/13 05:56	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/16/13 05:56	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 05:56	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-12 **Lab ID: 92174785031** Collected: 10/10/13 14:05 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:46		
Collected Date	**10/10/13**			1		10/28/13 15:46		
Collected Time	**14:05**			1		10/28/13 15:46		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 15:46		
Field Temperature	**18.0**	deg C	0.50	1		10/28/13 15:46		
Static Water Level	**13.03**	feet		1		10/28/13 15:46		
Field Specific Conductance	**761**	umhos/cm	1.0	1		10/28/13 15:46		
Turbidity	**1.05**	NTU	1.0	1		10/28/13 15:46		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:26	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:01	7440-38-2	
Barium	**98.6**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:01	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:01	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7439-92-1	
Nickel	**11.9**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:01	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 04:01	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:01	7440-62-2	
Zinc	**16.3**	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:01	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 06:12	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 06:12	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 06:12	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 06:12	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 06:12	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 06:12	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 06:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 06:12	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 06:12	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 06:12	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 06:12	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 06:12	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 06:12	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 06:12	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 06:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 06:12	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 06:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 06:12	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 06:12	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-12 **Lab ID: 92174785031** Collected: 10/10/13 14:05 Received: 10/11/13 09:20 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		10/16/13 06:12	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 06:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 06:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 06:12	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 06:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 06:12	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 06:12	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 06:12	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 06:12	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 06:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 06:12	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 06:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 06:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 06:12	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 06:12	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 06:12	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 06:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 06:12	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 06:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 06:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 06:12	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 06:12	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 06:12	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 06:12	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 06:12	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 06:12	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/16/13 06:12	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-130	1		10/16/13 06:12	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 06:12	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-12D **Lab ID: 92174785032** Collected: 10/10/13 14:20 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:47		
Collected Date	**10/10/13**			1		10/28/13 15:47		
Collected Time	**14:20**			1		10/28/13 15:47		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 15:47		
Field Temperature	**17.0**	deg C	0.50	1		10/28/13 15:47		
Static Water Level	**12.42**	feet		1		10/28/13 15:47		
Field Specific Conductance	**373.9**	umhos/cm	1.0	1		10/28/13 15:47		
Alkalinity, Total as CaCO3	**4.95**	mg/L	1.0	1		10/28/13 15:47		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 16:29	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:04	7440-38-2	
Barium	**53.2**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:04	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:04	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:04	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 04:04	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:04	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:04	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 06:28	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 06:28	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 06:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 06:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 06:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 06:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 06:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 06:28	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 06:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 06:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 06:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 06:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 06:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 06:28	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 06:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 06:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 06:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 06:28	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 06:28	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-12D **Lab ID: 92174785032** Collected: 10/10/13 14:20 Received: 10/11/13 09:20 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		10/16/13 06:28	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 06:28	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 06:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 06:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 06:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 06:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 06:28	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 06:28	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 06:28	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 06:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 06:28	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 06:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 06:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 06:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 06:28	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 06:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 06:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 06:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 06:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 06:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 06:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 06:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 06:28	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 06:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 06:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 06:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/16/13 06:28	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/16/13 06:28	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/16/13 06:28	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-15S **Lab ID: 92174785033** Collected: 10/10/13 13:35 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:48		
Collected Date	**10/10/13**			1		10/28/13 15:48		
Collected Time	**13:35**			1		10/28/13 15:48		
Field pH	**6.0**	Std. Units	0.10	1		10/28/13 15:48		
Field Temperature	**17.2**	deg C	0.50	1		10/28/13 15:48		
Static Water Level	**22.09**	feet		1		10/28/13 15:48		
Field Specific Conductance	**253.2**	umhos/cm	1.0	1		10/28/13 15:48		
Turbidity	**1.58**	NTU	1.0	1		10/28/13 15:48		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:17	7440-38-2	
Barium	**192**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:17	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:17	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-47-3	
Cobalt	**36.5**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7439-92-1	
Nickel	**6.3**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:17	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 04:17	7440-28-0	
Vanadium	**8.3**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:17	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:17	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 06:44	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 06:44	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 06:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 06:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 06:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 06:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 06:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 06:44	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 06:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 06:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 06:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 06:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 06:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 06:44	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 06:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 06:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 06:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 06:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 06:44	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-15S **Lab ID: 92174785033** Collected: 10/10/13 13:35 Received: 10/11/13 09:20 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		10/16/13 06:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 06:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 06:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 06:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 06:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 06:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 06:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 06:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 06:44	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 06:44	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 06:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 06:44	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 06:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 06:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 06:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 06:44	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 06:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 06:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 06:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 06:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 06:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 06:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 06:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 06:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 06:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 06:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 06:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		10/16/13 06:44	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		10/16/13 06:44	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 06:44	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-15D **Lab ID: 92174785034** Collected: 10/10/13 13:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:49		
Collected Date	**10/10/13**			1		10/28/13 15:49		
Collected Time	**13:45**			1		10/28/13 15:49		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 15:49		
Field Temperature	**15.8**	deg C	0.50	1		10/28/13 15:49		
Static Water Level	**26.89**	feet		1		10/28/13 15:49		
Field Specific Conductance	**521**	umhos/cm	1.0	1		10/28/13 15:49		
Turbidity	**4.72**	NTU	1.0	1		10/28/13 15:49		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:20	7440-38-2	
Barium	**117**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:20	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/18/13 04:20	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7439-92-1	
Nickel	**8.9**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:20	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/18/13 04:20	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:20	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/18/13 04:20	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 07:00	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 07:00	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 07:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 07:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 07:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 07:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 07:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 07:00	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 07:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 07:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 07:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 07:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 07:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 07:00	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 07:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 07:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 07:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:00	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-15D **Lab ID: 92174785034** Collected: 10/10/13 13:45 Received: 10/11/13 09:20 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		10/16/13 07:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 07:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 07:00	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 07:00	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 07:00	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 07:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 07:00	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 07:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 07:00	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 07:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 07:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 07:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 07:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 07:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 07:00	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 07:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 07:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 07:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/16/13 07:00	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		10/16/13 07:00	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/16/13 07:00	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-2 **Lab ID: 92174785035** Collected: 10/11/13 10:15 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:51		
Collected Date	**10/11/13**			1		10/28/13 15:51		
Collected Time	**10:15**			1		10/28/13 15:51		
Field pH	**6.0**	Std. Units	0.10	1		10/28/13 15:51		
Field Temperature	**16.1**	deg C	0.50	1		10/28/13 15:51		
Static Water Level	**8.46**	feet		1		10/28/13 15:51		
Field Specific Conductance	**177.9**	umhos/cm	1.0	1		10/28/13 15:51		
Turbidity	**1.12**	NTU	1.0	1		10/28/13 15:51		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:50	7440-38-2	
Barium	**87.1**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:50	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:50	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:50	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/17/13 19:50	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:50	7440-62-2	
Zinc	**10.6**	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:50	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 07:16	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 07:16	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 07:16	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 07:16	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 07:16	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 07:16	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 07:16	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 07:16	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 07:16	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 07:16	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 07:16	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 07:16	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 07:16	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 07:16	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 07:16	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 07:16	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 07:16	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:16	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:16	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-2 **Lab ID: 92174785035** Collected: 10/11/13 10:15 Received: 10/11/13 14:55 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		10/16/13 07:16	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:16	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:16	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:16	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:16	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:16	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 07:16	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:16	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:16	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 07:16	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 07:16	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 07:16	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 07:16	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 07:16	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 07:16	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:16	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:16	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 07:16	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 07:16	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:16	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:16	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 07:16	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 07:16	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 07:16	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 07:16	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 07:16	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 07:16	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 07:16	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 07:16	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/16/13 07:16	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/16/13 07:16	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/16/13 07:16	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-2D **Lab ID: 92174785036** Collected: 10/11/13 10:30 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:52		
Collected Date	**10/11/13**			1		10/28/13 15:52		
Collected Time	**10:30**			1		10/28/13 15:52		
Field pH	**6.7**	Std. Units	0.10	1		10/28/13 15:52		
Field Temperature	**15.0**	deg C	0.50	1		10/28/13 15:52		
Static Water Level	**7.98**	feet		1		10/28/13 15:52		
Field Specific Conductance	**252.4**	umhos/cm	1.0	1		10/28/13 15:52		
Turbidity	**0.58**	NTU	1.0	1		10/28/13 15:52		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:53	7440-38-2	
Barium	**87.0**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:53	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:53	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:53	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/17/13 19:53	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:53	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:53	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 07:32	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 07:32	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 07:32	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 07:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 07:32	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 07:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 07:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 07:32	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 07:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 07:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 07:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 07:32	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 07:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 07:32	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 07:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 07:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 07:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:32	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:32	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-2D **Lab ID: 92174785036** Collected: 10/11/13 10:30 Received: 10/11/13 14:55 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		10/16/13 07:32	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 07:32	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 07:32	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 07:32	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 07:32	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 07:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 07:32	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 07:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 07:32	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 07:32	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 07:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 07:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 07:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 07:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 07:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 07:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 07:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 07:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	96	%	70-130	1		10/16/13 07:32	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		10/16/13 07:32	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/16/13 07:32	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-8 **Lab ID: 92174785037** Collected: 10/11/13 13:15 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:53		
Collected Date	**10/11/13**			1		10/28/13 15:53		
Collected Time	**13:15**			1		10/28/13 15:53		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 15:53		
Field Temperature	**15.7**	deg C	0.50	1		10/28/13 15:53		
Static Water Level	**32.17**	feet		1		10/28/13 15:53		
Field Specific Conductance	**296.0**	umhos/cm	1.0	1		10/28/13 15:53		
Turbidity	**11.8**	NTU	1.0	1		10/28/13 15:53		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:56	7440-38-2	
Barium	**116**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:56	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:56	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-47-3	
Cobalt	**5.3**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:56	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/17/13 19:56	7440-28-0	
Vanadium	**6.4**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:56	7440-62-2	
Zinc	**14.2**	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:56	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 07:49	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 07:49	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 07:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 07:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 07:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 07:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 07:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 07:49	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 07:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 07:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 07:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 07:49	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 07:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 07:49	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 07:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 07:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 07:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:49	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 07:49	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-8 **Lab ID: 92174785037** Collected: 10/11/13 13:15 Received: 10/11/13 14:55 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		10/16/13 07:49	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 07:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 07:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 07:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 07:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 07:49	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 07:49	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 07:49	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 07:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 07:49	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 07:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 07:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 07:49	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 07:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 07:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 07:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 07:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 07:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 07:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 07:49	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 07:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 07:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 07:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/16/13 07:49	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-130	1		10/16/13 07:49	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 07:49	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-8D **Lab ID: 92174785038** Collected: 10/11/13 13:00 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:54		
Collected Date	**10/11/13**			1		10/28/13 15:54		
Collected Time	**13:00**			1		10/28/13 15:54		
Field pH	**6.4**	Std. Units	0.10	1		10/28/13 15:54		
Field Temperature	**17.0**	deg C	0.50	1		10/28/13 15:54		
Static Water Level	**31.04**	feet		1		10/28/13 15:54		
Field Specific Conductance	**365.4**	umhos/cm	1.0	1		10/28/13 15:54		
Turbidity	**0.36**	NTU	1.0	1		10/28/13 15:54		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:59	7440-38-2	
Barium	**140**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:59	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 19:59	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:59	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/17/13 19:59	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:59	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 19:59	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 08:05	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 08:05	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 08:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 08:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 08:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 08:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 08:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 08:05	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 08:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 08:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 08:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 08:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 08:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 08:05	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 08:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 08:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 08:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 08:05	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 08:05	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-8D **Lab ID: 92174785038** Collected: 10/11/13 13:00 Received: 10/11/13 14:55 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		10/16/13 08:05	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 08:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 08:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 08:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 08:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 08:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 08:05	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 08:05	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 08:05	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 08:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 08:05	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 08:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 08:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 08:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 08:05	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 08:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 08:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 08:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 08:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 08:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 08:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 08:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 08:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 08:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 08:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 08:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/16/13 08:05	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/16/13 08:05	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/16/13 08:05	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-14 **Lab ID: 92174785039** Collected: 10/11/13 11:10 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:55		
Collected Date	**10/11/13**			1		10/28/13 15:55		
Collected Time	**11:10**			1		10/28/13 15:55		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 15:55		
Field Temperature	**15.1**	deg C	0.50	1		10/28/13 15:55		
Static Water Level	**30.61**	feet		1		10/28/13 15:55		
Field Specific Conductance	**201.8**	umhos/cm	1.0	1		10/28/13 15:55		
Turbidity	**6.70**	NTU	1.0	1		10/28/13 15:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 20:03	7440-38-2	
Barium	**51.7**	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 20:03	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 20:03	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 20:03	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/17/13 20:03	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:03	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 20:03	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 08:21	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 08:21	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 08:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 08:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 08:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 08:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 08:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 08:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 08:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 08:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 08:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 08:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 08:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 08:21	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 08:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 08:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 08:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 08:21	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 08:21	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-14 **Lab ID: 92174785039** Collected: 10/11/13 11:10 Received: 10/11/13 14:55 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		10/16/13 08:21	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 08:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 08:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 08:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 08:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 08:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 08:21	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 08:21	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 08:21	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 08:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 08:21	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 08:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 08:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 08:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 08:21	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 08:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 08:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 08:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 08:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 08:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 08:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 08:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 08:21	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 08:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 08:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 08:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/16/13 08:21	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/16/13 08:21	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/16/13 08:21	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-14D **Lab ID: 92174785040** Collected: 10/11/13 11:30 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 15:56		
Collected Date	**10/11/13**			1		10/28/13 15:56		
Collected Time	**11:30**			1		10/28/13 15:56		
Field pH	**7.0**	Std. Units	0.10	1		10/28/13 15:56		
Field Temperature	**14.4**	deg C	0.50	1		10/28/13 15:56		
Static Water Level	**30.88**	feet		1		10/28/13 15:56		
Field Specific Conductance	**272.0**	umhos/cm	1.0	1		10/28/13 15:56		
Turbidity	**1.58**	NTU	1.0	1		10/28/13 15:56		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 20:06	7440-38-2	
Barium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 20:06	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/15/13 09:40	10/17/13 20:06	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-48-4	
Copper	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-50-8	
Lead	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 20:06	7782-49-2	
Silver	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/15/13 09:40	10/17/13 20:06	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 20:06	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/15/13 09:40	10/17/13 20:06	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 08:37	67-64-1	M1,R1
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 08:37	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 08:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 08:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 08:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 08:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 08:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 08:37	78-93-3	M1
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 08:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 08:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 08:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 08:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 08:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 08:37	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 08:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 08:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 08:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 08:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 08:37	106-46-7	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: MW-14D **Lab ID: 92174785040** Collected: 10/11/13 11:30 Received: 10/11/13 14:55 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		10/16/13 08:37	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 08:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 08:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 08:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 08:37	78-87-5	M1
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 08:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 08:37	10061-02-6	M1
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 08:37	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 08:37	591-78-6	M1
Iodomethane	ND	ug/L	5.0	1		10/16/13 08:37	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 08:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 08:37	108-10-1	M1
Styrene	ND	ug/L	1.0	1		10/16/13 08:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 08:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 08:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 08:37	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 08:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 08:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 08:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 08:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 08:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 08:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 08:37	108-05-4	M1
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 08:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 08:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 08:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 08:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/16/13 08:37	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		10/16/13 08:37	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/16/13 08:37	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Equipment Blank **Lab ID: 92174785041** Collected: 10/08/13 00:00 Received: 10/11/13 09:20 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	10/17/13 11:30	10/17/13 17:35	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/17/13 11:30	10/17/13 17:35	7440-38-2	
Barium	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/17/13 11:30	10/17/13 17:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/17/13 11:30	10/17/13 17:35	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-48-4	
Copper	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-50-8	
Lead	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/17/13 11:30	10/17/13 17:35	7782-49-2	
Silver	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/17/13 11:30	10/17/13 17:35	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/17/13 11:30	10/17/13 17:35	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/17/13 11:30	10/17/13 17:35	7440-66-6	
8260 MSV Low Level	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/16/13 20:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 20:42	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 20:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 20:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 20:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 20:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 20:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 20:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 20:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 20:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 20:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 20:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 20:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 20:42	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 20:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 20:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 20:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 20:42	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 20:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/16/13 20:42	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 20:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 20:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 20:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 20:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 20:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 20:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 20:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 20:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 20:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 20:42	591-78-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Equipment Blank **Lab ID: 92174785041** Collected: 10/08/13 00:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
Iodomethane	ND	ug/L	5.0	1		10/16/13 20:42	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 20:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 20:42	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 20:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 20:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 20:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 20:42	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 20:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 20:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 20:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 20:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 20:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 20:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 20:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 20:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 20:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 20:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/16/13 20:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/16/13 20:42	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/16/13 20:42	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/16/13 20:42	2037-26-5	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Travel Blank **Lab ID: 92174785042** Collected: 10/08/13 00:00 Received: 10/11/13 09:20 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		10/16/13 20:58	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/16/13 20:58	107-13-1	
Benzene	ND	ug/L	1.0	1		10/16/13 20:58	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/16/13 20:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/16/13 20:58	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/16/13 20:58	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/16/13 20:58	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/16/13 20:58	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/16/13 20:58	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/16/13 20:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/16/13 20:58	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/16/13 20:58	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/16/13 20:58	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/16/13 20:58	74-87-3	
Dibromochloromethane	ND	ug/L	1.0	1		10/16/13 20:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/16/13 20:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/16/13 20:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 20:58	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/16/13 20:58	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/16/13 20:58	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/16/13 20:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/16/13 20:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/16/13 20:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 20:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/16/13 20:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/16/13 20:58	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 20:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/16/13 20:58	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/16/13 20:58	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/16/13 20:58	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/16/13 20:58	74-88-4	
Methylene Chloride	ND	ug/L	2.0	1		10/16/13 20:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/16/13 20:58	108-10-1	
Styrene	ND	ug/L	1.0	1		10/16/13 20:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 20:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/16/13 20:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/16/13 20:58	127-18-4	
Toluene	ND	ug/L	1.0	1		10/16/13 20:58	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/16/13 20:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/16/13 20:58	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/16/13 20:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/16/13 20:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/16/13 20:58	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/16/13 20:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/16/13 20:58	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/16/13 20:58	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/16/13 20:58	179601-23-1	

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ANALYTICAL RESULTS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Sample: Travel Blank **Lab ID: 92174785042** Collected: 10/08/13 00:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260							
o-Xylene	ND	ug/L	1.0	1		10/16/13 20:58	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/16/13 20:58	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-130	1		10/16/13 20:58	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/16/13 20:58	2037-26-5	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MERP/5687 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

METHOD BLANK: 1066151 Matrix: Water
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/22/13 18:42	

LABORATORY CONTROL SAMPLE: 1066152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.7	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066153 1066154

Parameter	Units	92174785015 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	2.1	2.0	83	80	75-125	3	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MPRP/14369 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92174785001, 92174785002, 92174785003, 92174785004, 92174785005, 92174785006, 92174785007, 92174785008, 92174785009, 92174785010, 92174785011

METHOD BLANK: 1061442 | Matrix: Water
Associated Lab Samples: 92174785001, 92174785002, 92174785003, 92174785004, 92174785005, 92174785006, 92174785007, 92174785008, 92174785009, 92174785010, 92174785011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/12/13 08:24	
Arsenic	ug/L	ND	10.0	10/12/13 08:24	
Barium	ug/L	ND	5.0	10/12/13 08:24	
Beryllium	ug/L	ND	1.0	10/12/13 08:24	
Cadmium	ug/L	ND	1.0	10/12/13 08:24	
Chromium	ug/L	ND	5.0	10/12/13 08:24	
Cobalt	ug/L	ND	5.0	10/12/13 08:24	
Copper	ug/L	ND	5.0	10/12/13 08:24	
Lead	ug/L	ND	5.0	10/12/13 08:24	
Nickel	ug/L	ND	5.0	10/12/13 08:24	
Selenium	ug/L	ND	10.0	10/12/13 08:24	
Silver	ug/L	ND	5.0	10/12/13 08:24	
Thallium	ug/L	ND	5.4	10/12/13 08:24	
Vanadium	ug/L	ND	5.0	10/12/13 08:24	
Zinc	ug/L	ND	10.0	10/12/13 08:24	

LABORATORY CONTROL SAMPLE: 1061443

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	419	84	80-120	
Arsenic	ug/L	500	420	84	80-120	
Barium	ug/L	500	399	80	80-120	
Beryllium	ug/L	500	404	81	80-120	
Cadmium	ug/L	500	420	84	80-120	
Chromium	ug/L	500	416	83	80-120	
Cobalt	ug/L	500	414	83	80-120	
Copper	ug/L	500	407	81	80-120	
Lead	ug/L	500	426	85	80-120	
Nickel	ug/L	500	420	84	80-120	
Selenium	ug/L	500	427	85	80-120	
Silver	ug/L	250	216	87	80-120	
Thallium	ug/L	500	422	84	80-120	
Vanadium	ug/L	500	415	83	80-120	
Zinc	ug/L	500	430	86	80-120	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061444 1061445

Parameter	Units	92174687001 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	408	450	82	90	75-125	10	
Arsenic	ug/L	ND	500	500	415	449	83	90	75-125	8	
Barium	ug/L	37.7	500	500	415	461	76	85	75-125	10	
Beryllium	ug/L	ND	500	500	382	427	76	85	75-125	11	
Cadmium	ug/L	ND	500	500	406	440	81	88	75-125	8	
Chromium	ug/L	ND	500	500	392	430	78	86	75-125	9	
Cobalt	ug/L	ND	500	500	376	412	75	82	75-125	9	
Copper	ug/L	ND	500	500	384	422	77	84	75-125	9	
Lead	ug/L	ND	500	500	396	427	79	85	75-125	8	
Nickel	ug/L	ND	500	500	384	422	76	84	75-125	9	
Selenium	ug/L	ND	500	500	412	446	82	89	75-125	8	
Silver	ug/L	ND	250	250	212	224	84	90	75-125	6	
Thallium	ug/L	ND	500	500	394	421	78	84	75-125	7	
Vanadium	ug/L	ND	500	500	397	438	79	87	75-125	10	
Zinc	ug/L	ND	500	500	395	430	79	86	75-125	9	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1061446 1061447

Parameter	Units	92174689004 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	471	456	94	91	75-125	3	
Arsenic	ug/L	ND	500	500	475	456	95	91	75-125	4	
Barium	ug/L	39.6	500	500	478	463	88	85	75-125	3	
Beryllium	ug/L	ND	500	500	444	429	89	86	75-125	3	
Cadmium	ug/L	ND	500	500	463	447	93	89	75-125	4	
Chromium	ug/L	ND	500	500	454	434	91	87	75-125	4	
Cobalt	ug/L	ND	500	500	442	422	88	84	75-125	5	
Copper	ug/L	ND	500	500	448	429	90	86	75-125	4	
Lead	ug/L	ND	500	500	450	435	89	86	75-125	3	
Nickel	ug/L	ND	500	500	451	433	90	86	75-125	4	
Selenium	ug/L	ND	500	500	468	452	94	90	75-125	4	
Silver	ug/L	ND	250	250	229	225	92	90	75-125	2	
Thallium	ug/L	ND	500	500	437	427	87	85	75-125	2	
Vanadium	ug/L	ND	500	500	465	445	93	89	75-125	5	
Zinc	ug/L	ND	500	500	464	443	92	88	75-125	5	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MPRP/14391
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92174785012, 92174785013

METHOD BLANK: 1063188
Matrix: Water
Associated Lab Samples: 92174785012, 92174785013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/15/13 19:40	
Arsenic	ug/L	ND	10.0	10/15/13 19:40	
Barium	ug/L	ND	5.0	10/15/13 19:40	
Beryllium	ug/L	ND	1.0	10/15/13 19:40	
Cadmium	ug/L	ND	1.0	10/15/13 19:40	
Chromium	ug/L	ND	5.0	10/15/13 19:40	
Cobalt	ug/L	ND	5.0	10/15/13 19:40	
Copper	ug/L	ND	5.0	10/15/13 19:40	
Lead	ug/L	ND	5.0	10/15/13 19:40	
Nickel	ug/L	ND	5.0	10/15/13 19:40	
Selenium	ug/L	ND	10.0	10/15/13 19:40	
Silver	ug/L	ND	5.0	10/15/13 19:40	
Thallium	ug/L	ND	5.4	10/15/13 19:40	
Vanadium	ug/L	ND	5.0	10/15/13 19:40	
Zinc	ug/L	ND	10.0	10/15/13 19:40	

LABORATORY CONTROL SAMPLE: 1063189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	515	103	80-120	
Arsenic	ug/L	500	512	102	80-120	
Barium	ug/L	500	525	105	80-120	
Beryllium	ug/L	500	514	103	80-120	
Cadmium	ug/L	500	509	102	80-120	
Chromium	ug/L	500	526	105	80-120	
Cobalt	ug/L	500	508	102	80-120	
Copper	ug/L	500	509	102	80-120	
Lead	ug/L	500	509	102	80-120	
Nickel	ug/L	500	518	104	80-120	
Selenium	ug/L	500	511	102	80-120	
Silver	ug/L	250	252	101	80-120	
Thallium	ug/L	500	489	98	80-120	
Vanadium	ug/L	500	509	102	80-120	
Zinc	ug/L	500	508	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063190 1063191

Parameter	Units	92174785012 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	525	527	105	105	75-125	0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063190 1063191

Parameter	Units	92174785012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	ND	500	500	522	531	104	106	75-125	2	
Barium	ug/L	373	500	500	858	862	97	98	75-125	0	
Beryllium	ug/L	ND	500	500	495	490	99	98	75-125	1	
Cadmium	ug/L	ND	500	500	487	490	97	98	75-125	1	
Chromium	ug/L	ND	500	500	507	509	101	102	75-125	0	
Cobalt	ug/L	114	500	500	611	616	99	100	75-125	1	
Copper	ug/L	ND	500	500	531	531	106	106	75-125	0	
Lead	ug/L	ND	500	500	484	482	97	96	75-125	0	
Nickel	ug/L	ND	500	500	502	505	100	101	75-125	1	
Selenium	ug/L	ND	500	500	527	532	104	105	75-125	1	
Silver	ug/L	ND	250	250	263	266	103	105	75-125	1	
Thallium	ug/L	ND	500	500	467	467	92	92	75-125	0	
Vanadium	ug/L	ND	500	500	501	503	100	101	75-125	0	
Zinc	ug/L	ND	500	500	512	514	101	101	75-125	0	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MPRP/14430 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92174785016, 92174785017, 92174785018, 92174785020, 92174785021, 92174785022, 92174785023, 92174785024, 92174785025, 92174785029, 92174785030, 92174785031, 92174785032, 92174785033, 92174785034

METHOD BLANK: 1065619 — Matrix: Water
Associated Lab Samples: 92174785016, 92174785017, 92174785018, 92174785020, 92174785021, 92174785022, 92174785023, 92174785024, 92174785025, 92174785029, 92174785030, 92174785031, 92174785032, 92174785033, 92174785034

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/18/13 03:05	
Arsenic	ug/L	ND	10.0	10/18/13 03:05	
Barium	ug/L	ND	5.0	10/18/13 03:05	
Beryllium	ug/L	ND	1.0	10/18/13 03:05	
Cadmium	ug/L	ND	1.0	10/18/13 03:05	
Chromium	ug/L	ND	5.0	10/18/13 03:05	
Cobalt	ug/L	ND	5.0	10/18/13 03:05	
Copper	ug/L	ND	5.0	10/18/13 03:05	
Lead	ug/L	ND	5.0	10/18/13 03:05	
Nickel	ug/L	ND	5.0	10/18/13 03:05	
Selenium	ug/L	ND	10.0	10/18/13 03:05	
Silver	ug/L	ND	5.0	10/18/13 03:05	
Thallium	ug/L	ND	5.4	10/18/13 03:05	
Vanadium	ug/L	ND	5.0	10/18/13 03:05	
Zinc	ug/L	ND	10.0	10/18/13 03:05	

LABORATORY CONTROL SAMPLE: 1065620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	507	101	80-120	
Arsenic	ug/L	500	507	101	80-120	
Barium	ug/L	500	507	101	80-120	
Beryllium	ug/L	500	479	96	80-120	
Cadmium	ug/L	500	480	96	80-120	
Chromium	ug/L	500	450	90	80-120	
Cobalt	ug/L	500	488	98	80-120	
Copper	ug/L	500	477	95	80-120	
Lead	ug/L	500	496	99	80-120	
Nickel	ug/L	500	490	98	80-120	
Selenium	ug/L	500	500	100	80-120	
Silver	ug/L	250	241	96	80-120	
Thallium	ug/L	500	468	94	80-120	
Vanadium	ug/L	500	470	94	80-120	
Zinc	ug/L	500	509	102	80-120	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065621 1065622

Parameter	Units	92174785016 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	479	481	96	96	75-125	0	
Arsenic	ug/L	ND	500	500	479	485	96	97	75-125	1	
Barium	ug/L	101	500	500	584	594	97	99	75-125	2	
Beryllium	ug/L	ND	500	500	461	470	92	94	75-125	2	
Cadmium	ug/L	ND	500	500	456	465	91	93	75-125	2	
Chromium	ug/L	ND	500	500	435	443	87	88	75-125	2	
Cobalt	ug/L	ND	500	500	455	465	91	93	75-125	2	
Copper	ug/L	ND	500	500	457	467	91	93	75-125	2	
Lead	ug/L	ND	500	500	460	469	92	94	75-125	2	
Nickel	ug/L	ND	500	500	457	466	91	93	75-125	2	
Selenium	ug/L	ND	500	500	470	483	94	97	75-125	3	
Silver	ug/L	ND	250	250	229	233	92	93	75-125	2	
Thallium	ug/L	ND	500	500	437	447	87	89	75-125	2	
Vanadium	ug/L	ND	500	500	454	463	90	92	75-125	2	
Zinc	ug/L	ND	500	500	477	484	94	95	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MPRP/14431 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92174785035, 92174785036, 92174785037, 92174785038, 92174785039, 92174785040

METHOD BLANK: 1065625 — Matrix: Water
Associated Lab Samples: 92174785035, 92174785036, 92174785037, 92174785038, 92174785039, 92174785040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/17/13 19:19	
Arsenic	ug/L	ND	10.0	10/17/13 19:19	
Barium	ug/L	ND	5.0	10/17/13 19:19	
Beryllium	ug/L	ND	1.0	10/17/13 19:19	
Cadmium	ug/L	ND	1.0	10/17/13 19:19	
Chromium	ug/L	ND	5.0	10/17/13 19:19	
Cobalt	ug/L	ND	5.0	10/17/13 19:19	
Copper	ug/L	ND	5.0	10/17/13 19:19	
Lead	ug/L	ND	5.0	10/17/13 19:19	
Nickel	ug/L	ND	5.0	10/17/13 19:19	
Selenium	ug/L	ND	10.0	10/17/13 19:19	
Silver	ug/L	ND	5.0	10/17/13 19:19	
Thallium	ug/L	ND	5.4	10/17/13 19:19	
Vanadium	ug/L	ND	5.0	10/17/13 19:19	
Zinc	ug/L	ND	10.0	10/17/13 19:19	

LABORATORY CONTROL SAMPLE: 1065626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	491	98	80-120	
Arsenic	ug/L	500	489	98	80-120	
Barium	ug/L	500	499	100	80-120	
Beryllium	ug/L	500	488	98	80-120	
Cadmium	ug/L	500	489	98	80-120	
Chromium	ug/L	500	495	99	80-120	
Cobalt	ug/L	500	484	97	80-120	
Copper	ug/L	500	488	98	80-120	
Lead	ug/L	500	485	97	80-120	
Nickel	ug/L	500	493	99	80-120	
Selenium	ug/L	500	479	96	80-120	
Silver	ug/L	250	244	98	80-120	
Thallium	ug/L	500	459	92	80-120	
Vanadium	ug/L	500	489	98	80-120	
Zinc	ug/L	500	480	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065627 — 1065628

Parameter	Units	92175548006 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	515	519	103	104	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065627 1065628

Parameter	Units	92175548006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	ND	500	500	532	543	106	109	75-125	2	
Barium	ug/L	111	500	500	597	603	97	98	75-125	1	
Beryllium	ug/L	ND	500	500	492	495	98	99	75-125	1	
Cadmium	ug/L	ND	500	500	481	486	96	97	75-125	1	
Chromium	ug/L	ND	500	500	496	499	99	100	75-125	1	
Cobalt	ug/L	7.9	500	500	493	498	97	98	75-125	1	
Copper	ug/L	ND	500	500	525	530	105	106	75-125	1	
Lead	ug/L	ND	500	500	459	464	92	93	75-125	1	
Nickel	ug/L	ND	500	500	496	500	98	99	75-125	1	
Selenium	ug/L	ND	500	500	508	516	101	103	75-125	2	
Silver	ug/L	ND	250	250	256	258	102	103	75-125	1	
Thallium	ug/L	8.4	500	500	457	461	90	91	75-125	1	
Vanadium	ug/L	ND	500	500	502	508	100	101	75-125	1	
Zinc	ug/L	ND	500	500	510	503	101	99	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MPRP/14452
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92174785041

METHOD BLANK: 1067538
Matrix: Water
Associated Lab Samples: 92174785041

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/17/13 17:17	
Arsenic	ug/L	ND	10.0	10/17/13 17:17	
Barium	ug/L	ND	5.0	10/17/13 17:17	
Beryllium	ug/L	ND	1.0	10/17/13 17:17	
Cadmium	ug/L	ND	1.0	10/17/13 17:17	
Chromium	ug/L	ND	5.0	10/17/13 17:17	
Cobalt	ug/L	ND	5.0	10/17/13 17:17	
Copper	ug/L	ND	5.0	10/17/13 17:17	
Lead	ug/L	ND	5.0	10/17/13 17:17	
Nickel	ug/L	ND	5.0	10/17/13 17:17	
Selenium	ug/L	ND	10.0	10/17/13 17:17	
Silver	ug/L	ND	5.0	10/17/13 17:17	
Thallium	ug/L	ND	5.4	10/17/13 17:17	
Vanadium	ug/L	ND	5.0	10/17/13 17:17	
Zinc	ug/L	ND	10.0	10/17/13 17:17	

LABORATORY CONTROL SAMPLE: 1067540

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	513	103	80-120	
Arsenic	ug/L	500	502	100	80-120	
Barium	ug/L	500	521	104	80-120	
Beryllium	ug/L	500	500	100	80-120	
Cadmium	ug/L	500	503	101	80-120	
Chromium	ug/L	500	508	102	80-120	
Cobalt	ug/L	500	502	100	80-120	
Copper	ug/L	500	504	101	80-120	
Lead	ug/L	500	505	101	80-120	
Nickel	ug/L	500	510	102	80-120	
Selenium	ug/L	500	500	100	80-120	
Silver	ug/L	250	251	100	80-120	
Thallium	ug/L	500	476	95	80-120	
Vanadium	ug/L	500	508	102	80-120	
Zinc	ug/L	500	496	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067541 1067542

Parameter	Units	92175580001 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	538	537	107	107	75-125	0	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067541 1067542

Parameter	Units	92175580001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Arsenic	ug/L	ND	500	500	544	547	109	109	75-125	1	
Barium	ug/L	83.9	500	500	594	600	102	103	75-125	1	
Beryllium	ug/L	ND	500	500	491	491	98	98	75-125	0	
Cadmium	ug/L	ND	500	500	488	489	98	98	75-125	0	
Chromium	ug/L	ND	500	500	491	490	98	98	75-125	0	
Cobalt	ug/L	ND	500	500	491	494	98	98	75-125	1	
Copper	ug/L	ND	500	500	541	544	108	108	75-125	1	
Lead	ug/L	ND	500	500	488	493	98	99	75-125	1	
Nickel	ug/L	ND	500	500	495	497	99	99	75-125	0	
Selenium	ug/L	ND	500	500	533	535	107	107	75-125	0	
Silver	ug/L	ND	250	250	270	270	107	107	75-125	0	
Thallium	ug/L	5.9	500	500	458	465	90	92	75-125	2	
Vanadium	ug/L	ND	500	500	500	500	100	100	75-125	0	
Zinc	ug/L	ND	500	500	516	518	102	102	75-125	0	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MPRP/14418 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

METHOD BLANK: 1064998 Matrix: Water
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/18/13 04:42	
Arsenic	ug/L	ND	10.0	10/18/13 04:42	
Barium	ug/L	ND	5.0	10/18/13 04:42	
Beryllium	ug/L	ND	1.0	10/18/13 04:42	
Cadmium	ug/L	ND	1.0	10/18/13 04:42	
Chromium	ug/L	ND	5.0	10/18/13 04:42	
Cobalt	ug/L	ND	5.0	10/18/13 04:42	
Copper	ug/L	ND	5.0	10/18/13 04:42	
Lead	ug/L	ND	5.0	10/18/13 04:42	
Nickel	ug/L	ND	5.0	10/18/13 04:42	
Selenium	ug/L	ND	10.0	10/18/13 04:42	
Silver	ug/L	ND	5.0	10/18/13 04:42	
Thallium	ug/L	ND	10.0	10/18/13 04:42	
Tin	ug/L	ND	5.0	10/18/13 04:42	
Vanadium	ug/L	ND	5.0	10/18/13 04:42	
Zinc	ug/L	ND	10.0	10/18/13 04:42	

LABORATORY CONTROL SAMPLE: 1064999

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	484	97	80-120	
Arsenic	ug/L	500	484	97	80-120	
Barium	ug/L	500	494	99	80-120	
Beryllium	ug/L	500	467	93	80-120	
Cadmium	ug/L	500	466	93	80-120	
Chromium	ug/L	500	446	89	80-120	
Cobalt	ug/L	500	475	95	80-120	
Copper	ug/L	500	471	94	80-120	
Lead	ug/L	500	478	96	80-120	
Nickel	ug/L	500	475	95	80-120	
Selenium	ug/L	500	485	97	80-120	
Silver	ug/L	250	236	94	80-120	
Thallium	ug/L	500	458	92	80-120	
Tin	ug/L	500	483	97	80-120	
Vanadium	ug/L	500	461	92	80-120	
Zinc	ug/L	500	491	98	80-120	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065000 1065001

Parameter	Units	92174785015 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	501	499	100	100	75-125	0	
Arsenic	ug/L	ND	500	500	508	514	101	103	75-125	1	
Barium	ug/L	185	500	500	685	687	100	100	75-125	0	
Beryllium	ug/L	ND	500	500	479	478	96	96	75-125	0	
Cadmium	ug/L	ND	500	500	470	473	94	95	75-125	1	
Chromium	ug/L	ND	500	500	447	447	89	89	75-125	0	
Cobalt	ug/L	12.6	500	500	486	490	95	96	75-125	1	
Copper	ug/L	ND	500	500	472	470	94	94	75-125	1	
Lead	ug/L	ND	500	500	475	482	95	96	75-125	1	
Nickel	ug/L	28.8	500	500	498	501	94	94	75-125	1	
Selenium	ug/L	ND	500	500	496	496	99	99	75-125	0	
Silver	ug/L	ND	250	250	238	236	95	94	75-125	1	
Thallium	ug/L	ND	500	500	448	451	89	90	75-125	1	
Tin	ug/L	ND	500	500	488	493	98	98	75-125	1	
Vanadium	ug/L	ND	500	500	474	471	95	94	75-125	1	
Zinc	ug/L	ND	500	500	501	505	99	100	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MSV/24477 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92174785001, 92174785002, 92174785003, 92174785004, 92174785005, 92174785006, 92174785007, 92174785008, 92174785009, 92174785010, 92174785013, 92174785014

METHOD BLANK: 1061148 Matrix: Water
Associated Lab Samples: 92174785001, 92174785002, 92174785003, 92174785004, 92174785005, 92174785006, 92174785007, 92174785008, 92174785009, 92174785010, 92174785013, 92174785014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/08/13 01:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/08/13 01:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/08/13 01:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/08/13 01:24	
1,1-Dichloroethane	ug/L	ND	1.0	10/08/13 01:24	
1,1-Dichloroethene	ug/L	ND	1.0	10/08/13 01:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/08/13 01:24	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/08/13 01:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/08/13 01:24	
1,2-Dichloroethane	ug/L	ND	1.0	10/08/13 01:24	
1,2-Dichloropropane	ug/L	ND	1.0	10/08/13 01:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/08/13 01:24	
2-Butanone (MEK)	ug/L	ND	5.0	10/08/13 01:24	
2-Hexanone	ug/L	ND	5.0	10/08/13 01:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/08/13 01:24	
Acetone	ug/L	ND	25.0	10/08/13 01:24	
Acrylonitrile	ug/L	ND	10.0	10/08/13 01:24	
Benzene	ug/L	ND	1.0	10/08/13 01:24	
Bromochloromethane	ug/L	ND	1.0	10/08/13 01:24	
Bromodichloromethane	ug/L	ND	1.0	10/08/13 01:24	
Bromoform	ug/L	ND	1.0	10/08/13 01:24	
Bromomethane	ug/L	ND	2.0	10/08/13 01:24	
Carbon disulfide	ug/L	ND	2.0	10/08/13 01:24	
Carbon tetrachloride	ug/L	ND	1.0	10/08/13 01:24	
Chlorobenzene	ug/L	ND	1.0	10/08/13 01:24	
Chloroethane	ug/L	ND	1.0	10/08/13 01:24	
Chloroform	ug/L	ND	1.0	10/08/13 01:24	
Chloromethane	ug/L	ND	1.0	10/08/13 01:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/08/13 01:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/08/13 01:24	
Dibromochloromethane	ug/L	ND	1.0	10/08/13 01:24	
Dibromomethane	ug/L	ND	1.0	10/08/13 01:24	
Ethylbenzene	ug/L	ND	1.0	10/08/13 01:24	
Iodomethane	ug/L	ND	5.0	10/08/13 01:24	
m&p-Xylene	ug/L	ND	2.0	10/08/13 01:24	
Methylene Chloride	ug/L	ND	2.0	10/08/13 01:24	
o-Xylene	ug/L	ND	1.0	10/08/13 01:24	
Styrene	ug/L	ND	1.0	10/08/13 01:24	
Tetrachloroethene	ug/L	ND	1.0	10/08/13 01:24	
Toluene	ug/L	ND	1.0	10/08/13 01:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/08/13 01:24	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1061148 Matrix: Water

Associated Lab Samples: 92174785001, 92174785002, 92174785003, 92174785004, 92174785005, 92174785006, 92174785007, 92174785008, 92174785009, 92174785010, 92174785013, 92174785014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/08/13 01:24	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/08/13 01:24	
Trichloroethene	ug/L	ND	1.0	10/08/13 01:24	
Trichlorofluoromethane	ug/L	ND	1.0	10/08/13 01:24	
Vinyl acetate	ug/L	ND	2.0	10/08/13 01:24	
Vinyl chloride	ug/L	ND	1.0	10/08/13 01:24	
Xylene (Total)	ug/L	ND	2.0	10/08/13 01:24	
1,2-Dichloroethane-d4 (S)	%	94	70-130	10/08/13 01:24	
4-Bromofluorobenzene (S)	%	99	70-130	10/08/13 01:24	
Toluene-d8 (S)	%	98	70-130	10/08/13 01:24	

LABORATORY CONTROL SAMPLE: 1061149

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.7	105	70-130	
1,1,1-Trichloroethane	ug/L	50	52.8	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	70-130	
1,1,2-Trichloroethane	ug/L	50	53.7	107	70-130	
1,1-Dichloroethane	ug/L	50	50.6	101	70-130	
1,1-Dichloroethene	ug/L	50	50.8	102	70-132	
1,2,3-Trichloropropane	ug/L	50	57.2	114	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	70-130	
1,2-Dichlorobenzene	ug/L	50	56.9	114	70-130	
1,2-Dichloroethane	ug/L	50	50.9	102	70-130	
1,2-Dichloropropane	ug/L	50	58.1	116	70-130	
1,4-Dichlorobenzene	ug/L	50	53.3	107	70-130	
2-Butanone (MEK)	ug/L	100	129	129	70-145	
2-Hexanone	ug/L	100	120	120	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	117	117	70-140	
Acetone	ug/L	100	102	102	50-175	
Acrylonitrile	ug/L	250	270	108	70-143	
Benzene	ug/L	50	52.8	106	70-130	
Bromochloromethane	ug/L	50	50.3	101	70-130	
Bromodichloromethane	ug/L	50	53.2	106	70-130	
Bromoform	ug/L	50	52.8	106	70-130	
Bromomethane	ug/L	50	43.7	87	54-130	
Carbon disulfide	ug/L	50	50.9	102	70-131	
Carbon tetrachloride	ug/L	50	51.8	104	70-132	
Chlorobenzene	ug/L	50	51.4	103	70-130	
Chloroethane	ug/L	50	38.7	77	64-134	
Chloroform	ug/L	50	50.4	101	70-130	
Chloromethane	ug/L	50	49.2	98	64-130	
cis-1,2-Dichloroethene	ug/L	50	53.0	106	70-131	
cis-1,3-Dichloropropene	ug/L	50	56.4	113	70-130	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1061149

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibromochloromethane	ug/L	50	53.8	108	70-130	
Dibromomethane	ug/L	50	51.6	103	70-131	
Ethylbenzene	ug/L	50	52.1	104	70-130	
Iodomethane	ug/L	100	104	104	49-180	
m&p-Xylene	ug/L	100	111	111	70-130	
Methylene Chloride	ug/L	50	52.6	105	63-130	
o-Xylene	ug/L	50	59.5	119	70-130	
Styrene	ug/L	50	56.9	114	70-130	
Tetrachloroethene	ug/L	50	53.8	108	70-130	
Toluene	ug/L	50	51.7	103	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.2	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	60.0	120	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	51.3	103	70-141	
Trichloroethene	ug/L	50	52.2	104	70-130	
Trichlorofluoromethane	ug/L	50	53.9	108	62-133	
Vinyl acetate	ug/L	100	99.9	100	66-157	
Vinyl chloride	ug/L	50	46.2	92	69-130	
Xylene (Total)	ug/L	150	170	113	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 1061150

Parameter	Units	92174785001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	50	44.1	88	70-166	
Benzene	ug/L	ND	50	53.1	106	70-148	
Chlorobenzene	ug/L	ND	50	54.8	110	70-146	
Toluene	ug/L	ND	50	51.8	104	70-155	
Trichloroethene	ug/L	ND	50	53.8	108	69-151	
1,2-Dichloroethane-d4 (S)	%				93	70-130	
4-Bromofluorobenzene (S)	%				99	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1061472

Parameter	Units	92174785002 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		
1,1,2-Trichloroethane	ug/L	ND	ND		
1,1-Dichloroethane	ug/L	ND	ND		
1,1-Dichloroethene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

SAMPLE DUPLICATE: 1061472

Parameter	Units	92174785002 Result	Dup Result	RPD	Qualifiers
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2-Butanone (MEK)	ug/L	ND	ND		
2-Hexanone	ug/L	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		
Acetone	ug/L	ND	ND		
Acrylonitrile	ug/L	ND	ND		
Benzene	ug/L	ND	ND		
Bromochloromethane	ug/L	ND	ND		
Bromodichloromethane	ug/L	ND	ND		
Bromoform	ug/L	ND	ND		
Bromomethane	ug/L	ND	ND		
Carbon disulfide	ug/L	ND	ND		
Carbon tetrachloride	ug/L	ND	ND		
Chlorobenzene	ug/L	ND	ND		
Chloroethane	ug/L	ND	ND		
Chloroform	ug/L	ND	ND		
Chloromethane	ug/L	ND	ND		
cis-1,2-Dichloroethene	ug/L	ND	ND		
cis-1,3-Dichloropropene	ug/L	ND	ND		
Dibromochloromethane	ug/L	ND	ND		
Dibromomethane	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Iodomethane	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
Styrene	ug/L	ND	ND		
Tetrachloroethene	ug/L	ND	ND		
Toluene	ug/L	ND	ND		
trans-1,2-Dichloroethene	ug/L	ND	ND		
trans-1,3-Dichloropropene	ug/L	ND	ND		
trans-1,4-Dichloro-2-butene	ug/L	ND	ND		
Trichloroethene	ug/L	ND	ND		
Trichlorofluoromethane	ug/L	ND	ND		
Vinyl acetate	ug/L	ND	ND		
Vinyl chloride	ug/L	ND	ND		
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	97	94	3	
4-Bromofluorobenzene (S)	%	98	100	2	
Toluene-d8 (S)	%	99	98	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MSV/24485 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92174785011, 92174785012

METHOD BLANK: 1061533 | Matrix: Water
Associated Lab Samples: 92174785011, 92174785012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/08/13 13:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/08/13 13:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/08/13 13:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/08/13 13:34	
1,1-Dichloroethane	ug/L	ND	1.0	10/08/13 13:34	
1,1-Dichloroethene	ug/L	ND	1.0	10/08/13 13:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/08/13 13:34	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/08/13 13:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/08/13 13:34	
1,2-Dichloroethane	ug/L	ND	1.0	10/08/13 13:34	
1,2-Dichloropropane	ug/L	ND	1.0	10/08/13 13:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/08/13 13:34	
2-Butanone (MEK)	ug/L	ND	5.0	10/08/13 13:34	
2-Hexanone	ug/L	ND	5.0	10/08/13 13:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/08/13 13:34	
Acetone	ug/L	ND	25.0	10/08/13 13:34	
Acrylonitrile	ug/L	ND	10.0	10/08/13 13:34	
Benzene	ug/L	ND	1.0	10/08/13 13:34	
Bromochloromethane	ug/L	ND	1.0	10/08/13 13:34	
Bromodichloromethane	ug/L	ND	1.0	10/08/13 13:34	
Bromoform	ug/L	ND	1.0	10/08/13 13:34	
Bromomethane	ug/L	ND	2.0	10/08/13 13:34	
Carbon disulfide	ug/L	ND	2.0	10/08/13 13:34	
Carbon tetrachloride	ug/L	ND	1.0	10/08/13 13:34	
Chlorobenzene	ug/L	ND	1.0	10/08/13 13:34	
Chloroethane	ug/L	ND	1.0	10/08/13 13:34	
Chloroform	ug/L	ND	1.0	10/08/13 13:34	
Chloromethane	ug/L	ND	1.0	10/08/13 13:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/08/13 13:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/08/13 13:34	
Dibromochloromethane	ug/L	ND	1.0	10/08/13 13:34	
Dibromomethane	ug/L	ND	1.0	10/08/13 13:34	
Ethylbenzene	ug/L	ND	1.0	10/08/13 13:34	
Iodomethane	ug/L	ND	5.0	10/08/13 13:34	
m&p-Xylene	ug/L	ND	2.0	10/08/13 13:34	
Methylene Chloride	ug/L	ND	2.0	10/08/13 13:34	
o-Xylene	ug/L	ND	1.0	10/08/13 13:34	
Styrene	ug/L	ND	1.0	10/08/13 13:34	
Tetrachloroethene	ug/L	ND	1.0	10/08/13 13:34	
Toluene	ug/L	ND	1.0	10/08/13 13:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/08/13 13:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/08/13 13:34	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/08/13 13:34	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1061533 Matrix: Water

Associated Lab Samples: 92174785011, 92174785012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	ND	1.0	10/08/13 13:34	
Trichlorofluoromethane	ug/L	ND	1.0	10/08/13 13:34	
Vinyl acetate	ug/L	ND	2.0	10/08/13 13:34	
Vinyl chloride	ug/L	ND	1.0	10/08/13 13:34	
Xylene (Total)	ug/L	ND	2.0	10/08/13 13:34	
1,2-Dichloroethane-d4 (S)	%	95	70-130	10/08/13 13:34	
4-Bromofluorobenzene (S)	%	102	70-130	10/08/13 13:34	
Toluene-d8 (S)	%	98	70-130	10/08/13 13:34	

LABORATORY CONTROL SAMPLE: 1061534

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.9	102	70-130	
1,1,1-Trichloroethane	ug/L	50	50.7	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	70-130	
1,1,2-Trichloroethane	ug/L	50	52.7	105	70-130	
1,1-Dichloroethane	ug/L	50	49.2	98	70-130	
1,1-Dichloroethene	ug/L	50	49.1	98	70-132	
1,2,3-Trichloropropane	ug/L	50	54.9	110	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.8	106	70-130	
1,2-Dichlorobenzene	ug/L	50	55.1	110	70-130	
1,2-Dichloroethane	ug/L	50	50.0	100	70-130	
1,2-Dichloropropane	ug/L	50	57.2	114	70-130	
1,4-Dichlorobenzene	ug/L	50	52.6	105	70-130	
2-Butanone (MEK)	ug/L	100	120	120	70-145	
2-Hexanone	ug/L	100	116	116	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	114	114	70-140	
Acetone	ug/L	100	101	101	50-175	
Acrylonitrile	ug/L	250	263	105	70-143	
Benzene	ug/L	50	51.0	102	70-130	
Bromochloromethane	ug/L	50	49.5	99	70-130	
Bromodichloromethane	ug/L	50	51.5	103	70-130	
Bromoform	ug/L	50	51.5	103	70-130	
Bromomethane	ug/L	50	27.5	55	54-130	
Carbon disulfide	ug/L	50	49.7	99	70-131	
Carbon tetrachloride	ug/L	50	49.7	99	70-132	
Chlorobenzene	ug/L	50	49.1	98	70-130	
Chloroethane	ug/L	50	34.5	69	64-134	
Chloroform	ug/L	50	50.1	100	70-130	
Chloromethane	ug/L	50	45.4	91	64-130	
cis-1,2-Dichloroethene	ug/L	50	52.2	104	70-131	
cis-1,3-Dichloropropene	ug/L	50	57.0	114	70-130	
Dibromochloromethane	ug/L	50	52.1	104	70-130	
Dibromomethane	ug/L	50	50.7	101	70-131	
Ethylbenzene	ug/L	50	50.1	100	70-130	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1061534

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	100	110	110	49-180	
m&p-Xylene	ug/L	100	107	107	70-130	
Methylene Chloride	ug/L	50	56.4	113	63-130	
o-Xylene	ug/L	50	57.5	115	70-130	
Styrene	ug/L	50	55.5	111	70-130	
Tetrachloroethene	ug/L	50	52.2	104	70-130	
Toluene	ug/L	50	49.6	99	70-130	
trans-1,2-Dichloroethene	ug/L	50	50.8	102	70-130	
trans-1,3-Dichloropropene	ug/L	50	60.9	122	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	51.7	103	70-141	
Trichloroethene	ug/L	50	50.3	101	70-130	
Trichlorofluoromethane	ug/L	50	52.3	105	62-133	
Vinyl acetate	ug/L	100	103	103	66-157	
Vinyl chloride	ug/L	50	43.0	86	69-130	
Xylene (Total)	ug/L	150	164	109	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1062422 1062423

Parameter	Units	92173956001 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	53.9	63.8	108	128	70-166	17	
Benzene	ug/L	ND	50	50	50.2	58.9	100	118	70-148	16	
Chlorobenzene	ug/L	ND	50	50	47.8	55.7	96	111	70-146	15	
Toluene	ug/L	2.8	50	50	47.8	55.9	90	106	70-155	15	
Trichloroethene	ug/L	ND	50	50	51.1	59.8	102	119	69-151	16	
1,2-Dichloroethane-d4 (S)	%						93	96	70-130		
4-Bromofluorobenzene (S)	%						99	99	70-130		
Toluene-d8 (S)	%						99	100	70-130		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MSV/24530 — Analysis Method: EPA 8260
QC Batch Method: EPA 8260 — Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92174785015, 92174785016, 92174785017, 92174785018, 92174785019, 92174785020, 92174785021, 92174785022, 92174785023, 92174785024, 92174785025

METHOD BLANK: 1064312 — Matrix: Water
Associated Lab Samples: 92174785015, 92174785016, 92174785017, 92174785018, 92174785019, 92174785020, 92174785021, 92174785022, 92174785023, 92174785024, 92174785025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/11/13 22:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/11/13 22:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/11/13 22:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/11/13 22:58	
1,1-Dichloroethane	ug/L	ND	1.0	10/11/13 22:58	
1,1-Dichloroethene	ug/L	ND	1.0	10/11/13 22:58	
1,1-Dichloropropene	ug/L	ND	1.0	10/11/13 22:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/11/13 22:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/11/13 22:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/11/13 22:58	
1,2-Dichloroethane	ug/L	ND	1.0	10/11/13 22:58	
1,2-Dichloropropane	ug/L	ND	1.0	10/11/13 22:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/11/13 22:58	
1,3-Dichloropropane	ug/L	ND	1.0	10/11/13 22:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/11/13 22:58	
2,2-Dichloropropane	ug/L	ND	1.0	10/11/13 22:58	
2-Butanone (MEK)	ug/L	ND	5.0	10/11/13 22:58	
2-Hexanone	ug/L	ND	5.0	10/11/13 22:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/11/13 22:58	
Acetone	ug/L	ND	25.0	10/11/13 22:58	
Acetonitrile	ug/L	ND	50.0	10/11/13 22:58	
Acrylonitrile	ug/L	ND	10.0	10/11/13 22:58	
Allyl chloride	ug/L	ND	2.0	10/11/13 22:58	
Benzene	ug/L	ND	1.0	10/11/13 22:58	
Bromochloromethane	ug/L	ND	1.0	10/11/13 22:58	
Bromodichloromethane	ug/L	ND	1.0	10/11/13 22:58	
Bromoform	ug/L	ND	1.0	10/11/13 22:58	
Bromomethane	ug/L	ND	2.0	10/11/13 22:58	
Carbon disulfide	ug/L	ND	2.0	10/11/13 22:58	
Carbon tetrachloride	ug/L	ND	1.0	10/11/13 22:58	
Chlorobenzene	ug/L	ND	1.0	10/11/13 22:58	
Chloroethane	ug/L	ND	1.0	10/11/13 22:58	
Chloroform	ug/L	ND	1.0	10/11/13 22:58	
Chloromethane	ug/L	ND	1.0	10/11/13 22:58	
Chloroprene	ug/L	ND	5.0	10/11/13 22:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/11/13 22:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/11/13 22:58	
Dibromochloromethane	ug/L	ND	1.0	10/11/13 22:58	
Dibromomethane	ug/L	ND	1.0	10/11/13 22:58	
Dichlorodifluoromethane	ug/L	ND	1.0	10/11/13 22:58	
Ethyl methacrylate	ug/L	ND	1.0	10/11/13 22:58	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1064312 Matrix: Water

Associated Lab Samples: 92174785015, 92174785016, 92174785017, 92174785018, 92174785019, 92174785020, 92174785021, 92174785022, 92174785023, 92174785024, 92174785025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	1.0	10/11/13 22:58	
Iodomethane	ug/L	ND	5.0	10/11/13 22:58	
Isobutanol	ug/L	ND	100	10/11/13 22:58	
m&p-Xylene	ug/L	ND	2.0	10/11/13 22:58	
Methacrylonitrile	ug/L	ND	10.0	10/11/13 22:58	
Methyl methacrylate	ug/L	ND	2.0	10/11/13 22:58	
Methylene Chloride	ug/L	ND	2.0	10/11/13 22:58	
Naphthalene	ug/L	ND	1.0	10/11/13 22:58	
o-Xylene	ug/L	ND	1.0	10/11/13 22:58	
Propionitrile	ug/L	ND	20.0	10/11/13 22:58	
Styrene	ug/L	ND	1.0	10/11/13 22:58	
Tetrachloroethene	ug/L	ND	1.0	10/11/13 22:58	
Toluene	ug/L	ND	1.0	10/11/13 22:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/11/13 22:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/11/13 22:58	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/11/13 22:58	
Trichloroethene	ug/L	ND	1.0	10/11/13 22:58	
Trichlorofluoromethane	ug/L	ND	1.0	10/11/13 22:58	
Vinyl acetate	ug/L	ND	2.0	10/11/13 22:58	
Vinyl chloride	ug/L	ND	1.0	10/11/13 22:58	
Xylene (Total)	ug/L	ND	2.0	10/11/13 22:58	
1,2-Dichloroethane-d4 (S)	%	102	70-130	10/11/13 22:58	
4-Bromofluorobenzene (S)	%	99	70-130	10/11/13 22:58	
Toluene-d8 (S)	%	98	70-130	10/11/13 22:58	

LABORATORY CONTROL SAMPLE: 1064313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.8	106	70-130	
1,1,1-Trichloroethane	ug/L	50	53.2	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.8	110	70-130	
1,1,2-Trichloroethane	ug/L	50	52.6	105	70-130	
1,1-Dichloroethane	ug/L	50	51.9	104	70-130	
1,1-Dichloroethene	ug/L	50	54.7	109	70-132	
1,1-Dichloropropene	ug/L	50	58.1	116	70-130	
1,2,3-Trichloropropane	ug/L	50	58.0	116	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	55.9	112	70-130	
1,2-Dichlorobenzene	ug/L	50	57.2	114	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	70-130	
1,2-Dichloropropane	ug/L	50	57.0	114	70-130	
1,3-Dichlorobenzene	ug/L	50	54.0	108	70-130	
1,3-Dichloropropane	ug/L	50	58.9	118	70-130	
1,4-Dichlorobenzene	ug/L	50	53.2	106	70-130	
2,2-Dichloropropane	ug/L	50	52.0	104	58-145	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1064313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	125	125	70-145	
2-Hexanone	ug/L	100	128	128	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	120	120	70-140	
Acetone	ug/L	100	108	108	50-175	
Acetonitrile	ug/L	500	538	108	70-130	
Acrylonitrile	ug/L	250	285	114	70-143	
Allyl chloride	ug/L	50	52.5	105	70-130	
Benzene	ug/L	50	51.8	104	70-130	
Bromochloromethane	ug/L	50	50.1	100	70-130	
Bromodichloromethane	ug/L	50	51.4	103	70-130	
Bromoform	ug/L	50	52.6	105	70-130	
Bromomethane	ug/L	50	38.2	76	54-130	
Carbon disulfide	ug/L	50	55.1	110	70-131	
Carbon tetrachloride	ug/L	50	50.2	100	70-132	
Chlorobenzene	ug/L	50	51.1	102	70-130	
Chloroethane	ug/L	50	44.1	88	64-134	
Chloroform	ug/L	50	51.9	104	70-130	
Chloromethane	ug/L	50	55.2	110	64-130	
Chloroprene	ug/L	50	62.7	125	70-130	
cis-1,2-Dichloroethene	ug/L	50	54.8	110	70-131	
cis-1,3-Dichloropropene	ug/L	50	56.5	113	70-130	
Dibromochloromethane	ug/L	50	53.6	107	70-130	
Dibromomethane	ug/L	50	50.0	100	70-131	
Dichlorodifluoromethane	ug/L	50	57.8	116	56-130	
Ethyl methacrylate	ug/L	50	60.2	120	70-130	
Ethylbenzene	ug/L	50	52.3	105	70-130	
Iodomethane	ug/L	100	114	114	49-180	
Isobutanol	ug/L	1000	1100	110	70-130	
m&p-Xylene	ug/L	100	110	110	70-130	
Methacrylonitrile	ug/L	500	572	114	70-130	
Methyl methacrylate	ug/L	50	52.6	105	70-130	
Methylene Chloride	ug/L	50	64.7	129	63-130	
Naphthalene	ug/L	50	59.9	120	70-138	
o-Xylene	ug/L	50	59.4	119	70-130	
Propionitrile	ug/L	500	563	113	70-130	
Styrene	ug/L	50	56.4	113	70-130	
Tetrachloroethene	ug/L	50	54.0	108	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	54.1	108	70-130	
trans-1,3-Dichloropropene	ug/L	50	59.6	119	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	52.8	106	70-141	
Trichloroethene	ug/L	50	50.3	101	70-130	
Trichlorofluoromethane	ug/L	50	57.3	115	62-133	
Vinyl acetate	ug/L	100	111	111	66-157	
Vinyl chloride	ug/L	50	53.7	107	69-130	
Xylene (Total)	ug/L	150	170	113	70-130	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1064313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MSV/24559 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92174785027, 92174785028, 92174785029, 92174785030, 92174785031, 92174785032, 92174785033, 92174785034, 92174785035, 92174785036, 92174785037, 92174785038, 92174785039, 92174785040

METHOD BLANK: 1066118 Matrix: Water
Associated Lab Samples: 92174785027, 92174785028, 92174785029, 92174785030, 92174785031, 92174785032, 92174785033, 92174785034, 92174785035, 92174785036, 92174785037, 92174785038, 92174785039, 92174785040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/16/13 02:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/16/13 02:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/16/13 02:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/16/13 02:58	
1,1-Dichloroethane	ug/L	ND	1.0	10/16/13 02:58	
1,1-Dichloroethene	ug/L	ND	1.0	10/16/13 02:58	
1,1-Dichloropropene	ug/L	ND	1.0	10/16/13 02:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/16/13 02:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/16/13 02:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/16/13 02:58	
1,2-Dichloroethane	ug/L	ND	1.0	10/16/13 02:58	
1,2-Dichloropropane	ug/L	ND	1.0	10/16/13 02:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/16/13 02:58	
1,3-Dichloropropane	ug/L	ND	1.0	10/16/13 02:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/16/13 02:58	
2,2-Dichloropropane	ug/L	ND	1.0	10/16/13 02:58	
2-Butanone (MEK)	ug/L	ND	5.0	10/16/13 02:58	
2-Hexanone	ug/L	ND	5.0	10/16/13 02:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/16/13 02:58	
Acetone	ug/L	ND	25.0	10/16/13 02:58	
Acetonitrile	ug/L	ND	50.0	10/16/13 02:58	
Acrylonitrile	ug/L	ND	10.0	10/16/13 02:58	
Allyl chloride	ug/L	ND	2.0	10/16/13 02:58	
Benzene	ug/L	ND	1.0	10/16/13 02:58	
Bromochloromethane	ug/L	ND	1.0	10/16/13 02:58	
Bromodichloromethane	ug/L	ND	1.0	10/16/13 02:58	
Bromoform	ug/L	ND	1.0	10/16/13 02:58	
Bromomethane	ug/L	ND	2.0	10/16/13 02:58	
Carbon disulfide	ug/L	ND	2.0	10/16/13 02:58	
Carbon tetrachloride	ug/L	ND	1.0	10/16/13 02:58	
Chlorobenzene	ug/L	ND	1.0	10/16/13 02:58	
Chloroethane	ug/L	ND	1.0	10/16/13 02:58	
Chloroform	ug/L	ND	1.0	10/16/13 02:58	
Chloromethane	ug/L	ND	1.0	10/16/13 02:58	
Chloroprene	ug/L	ND	5.0	10/16/13 02:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/16/13 02:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/16/13 02:58	
Dibromochloromethane	ug/L	ND	1.0	10/16/13 02:58	
Dibromomethane	ug/L	ND	1.0	10/16/13 02:58	
Dichlorodifluoromethane	ug/L	ND	1.0	10/16/13 02:58	
Ethyl methacrylate	ug/L	ND	1.0	10/16/13 02:58	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1066118 Matrix: Water

Associated Lab Samples: 92174785027, 92174785028, 92174785029, 92174785030, 92174785031, 92174785032, 92174785033, 92174785034, 92174785035, 92174785036, 92174785037, 92174785038, 92174785039, 92174785040

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	ND	1.0	10/16/13 02:58	
Iodomethane	ug/L	ND	5.0	10/16/13 02:58	
Isobutanol	ug/L	ND	100	10/16/13 02:58	
m&p-Xylene	ug/L	ND	2.0	10/16/13 02:58	
Methacrylonitrile	ug/L	ND	10.0	10/16/13 02:58	
Methyl methacrylate	ug/L	ND	2.0	10/16/13 02:58	
Methylene Chloride	ug/L	ND	2.0	10/16/13 02:58	
Naphthalene	ug/L	ND	1.0	10/16/13 02:58	
o-Xylene	ug/L	ND	1.0	10/16/13 02:58	
Propionitrile	ug/L	ND	20.0	10/16/13 02:58	
Styrene	ug/L	ND	1.0	10/16/13 02:58	
Tetrachloroethene	ug/L	ND	1.0	10/16/13 02:58	
Toluene	ug/L	ND	1.0	10/16/13 02:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/16/13 02:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/16/13 02:58	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/16/13 02:58	
Trichloroethene	ug/L	ND	1.0	10/16/13 02:58	
Trichlorofluoromethane	ug/L	ND	1.0	10/16/13 02:58	
Vinyl acetate	ug/L	ND	2.0	10/16/13 02:58	
Vinyl chloride	ug/L	ND	1.0	10/16/13 02:58	
Xylene (Total)	ug/L	ND	2.0	10/16/13 02:58	
1,2-Dichloroethane-d4 (S)	%	93	70-130	10/16/13 02:58	
4-Bromofluorobenzene (S)	%	100	70-130	10/16/13 02:58	
Toluene-d8 (S)	%	96	70-130	10/16/13 02:58	

LABORATORY CONTROL SAMPLE: 1066119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.3	101	70-130	
1,1,1-Trichloroethane	ug/L	50	45.0	90	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.9	106	70-130	
1,1,2-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1-Dichloroethane	ug/L	50	48.3	97	70-130	
1,1-Dichloroethene	ug/L	50	49.3	99	70-132	
1,1-Dichloropropene	ug/L	50	53.1	106	70-130	
1,2,3-Trichloropropane	ug/L	50	55.4	111	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.6	109	70-130	
1,2-Dichlorobenzene	ug/L	50	55.8	112	70-130	
1,2-Dichloroethane	ug/L	50	44.8	90	70-130	
1,2-Dichloropropane	ug/L	50	56.4	113	70-130	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,3-Dichloropropane	ug/L	50	56.5	113	70-130	
1,4-Dichlorobenzene	ug/L	50	51.6	103	70-130	
2,2-Dichloropropane	ug/L	50	41.5	83	58-145	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1066119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2-Butanone (MEK)	ug/L	100	128	128	70-145	
2-Hexanone	ug/L	100	126	126	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	115	115	70-140	
Acetone	ug/L	100	108	108	50-175	
Acetonitrile	ug/L	500	700	140	70-130	L0
Acrylonitrile	ug/L	250	300	120	70-143	
Allyl chloride	ug/L	50	48.4	97	70-130	
Benzene	ug/L	50	52.3	105	70-130	
Bromochloromethane	ug/L	50	48.2	96	70-130	
Bromodichloromethane	ug/L	50	49.0	98	70-130	
Bromoform	ug/L	50	50.3	101	70-130	
Bromomethane	ug/L	50	36.8	74	54-130	
Carbon disulfide	ug/L	50	53.4	107	70-131	
Carbon tetrachloride	ug/L	50	45.5	91	70-132	
Chlorobenzene	ug/L	50	50.9	102	70-130	
Chloroethane	ug/L	50	38.6	77	64-134	
Chloroform	ug/L	50	47.1	94	70-130	
Chloromethane	ug/L	50	49.9	100	64-130	
Chloroprene	ug/L	50	54.7	109	70-130	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-131	
cis-1,3-Dichloropropene	ug/L	50	54.1	108	70-130	
Dibromochloromethane	ug/L	50	49.9	100	70-130	
Dibromomethane	ug/L	50	51.0	102	70-131	
Dichlorodifluoromethane	ug/L	50	48.1	96	56-130	
Ethyl methacrylate	ug/L	50	55.0	110	70-130	
Ethylbenzene	ug/L	50	49.6	99	70-130	
Iodomethane	ug/L	100	85.5	86	49-180	
Isobutanol	ug/L	1000	1360	136	70-130	L0
m&p-Xylene	ug/L	100	102	102	70-130	
Methacrylonitrile	ug/L	500	536	107	70-130	
Methyl methacrylate	ug/L	50	53.6	107	70-130	
Methylene Chloride	ug/L	50	53.4	107	63-130	
Naphthalene	ug/L	50	57.6	115	70-138	
o-Xylene	ug/L	50	55.6	111	70-130	
Propionitrile	ug/L	500	626	125	70-130	
Styrene	ug/L	50	53.8	108	70-130	
Tetrachloroethene	ug/L	50	54.3	109	70-130	
Toluene	ug/L	50	51.0	102	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	56.9	114	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	50.8	102	70-141	
Trichloroethene	ug/L	50	50.7	101	70-130	
Trichlorofluoromethane	ug/L	50	40.2	80	62-133	
Vinyl acetate	ug/L	100	118	118	66-157	
Vinyl chloride	ug/L	50	50.7	101	69-130	
Xylene (Total)	ug/L	150	158	105	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1066119

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene-d8 (S)	%			98	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066120 1066121

Parameter	Units	92174785040 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	50	50	56.1	55.1	112	110	70-130	2	
1,1,1-Trichloroethane	ug/L	ND	50	50	52.2	52.2	104	104	70-130	0	
1,1,2,2-Tetrachloroethane	ug/L	ND	50	50	59.8	57.5	120	115	70-130	4	
1,1,2-Trichloroethane	ug/L	ND	50	50	58.1	56.9	116	114	70-130	2	
1,1-Dichloroethane	ug/L	ND	50	50	55.4	55.1	111	110	70-130	1	
1,1-Dichloroethene	ug/L	ND	50	50	59.3	60.5	119	121	70-166	2	
1,1-Dichloropropene	ug/L	ND	50	50	62.3	62.2	125	124	70-130	0	
1,2,3-Trichloropropane	ug/L	ND	50	50	62.0	59.3	124	119	70-130	4	
1,2-Dibromoethane (EDB)	ug/L	ND	50	50	59.4	58.4	119	117	70-130	2	
1,2-Dichlorobenzene	ug/L	ND	50	50	62.2	60.8	124	122	70-130	2	
1,2-Dichloroethane	ug/L	ND	50	50	52.3	50.8	105	102	70-130	3	
1,2-Dichloropropane	ug/L	ND	50	50	65.3	64.0	131	128	70-130	2	M1
1,3-Dichlorobenzene	ug/L	ND	50	50	60.0	59.0	120	118	70-130	2	
1,3-Dichloropropane	ug/L	ND	50	50	63.3	61.8	127	124	70-130	2	
1,4-Dichlorobenzene	ug/L	ND	50	50	59.3	58.3	119	117	70-130	2	
2,2-Dichloropropane	ug/L	ND	50	50	58.3	58.6	117	117	70-130	1	
2-Butanone (MEK)	ug/L	ND	100	100	132	127	132	127	70-130	4	M1
2-Hexanone	ug/L	ND	100	100	139	135	139	135	70-130	3	M1
4-Methyl-2-pentanone (MIBK)	ug/L	ND	100	100	134	127	134	127	70-130	6	M1
Acetone	ug/L	ND	100	100	201	297	199	296	70-130	39	M1,R1
Acetonitrile	ug/L	ND	500	500	623	655	125	131	70-130	5	M0
Acrylonitrile	ug/L	ND	250	250	324	318	130	127	70-130	2	
Allyl chloride	ug/L	ND	50	50	194	92.0	389	184	70-130	72	M1,R1
Benzene	ug/L	ND	50	50	59.8	58.7	120	117	70-148	2	
Bromochloromethane	ug/L	ND	50	50	51.2	52.6	102	105	70-130	3	
Bromodichloromethane	ug/L	ND	50	50	54.8	53.8	110	108	70-130	2	
Bromoform	ug/L	ND	50	50	54.0	52.2	108	104	70-130	3	
Bromomethane	ug/L	ND	50	50	44.6	47.5	89	95	70-130	6	
Carbon disulfide	ug/L	ND	50	50	59.4	62.3	119	125	70-130	5	
Carbon tetrachloride	ug/L	ND	50	50	51.4	52.0	103	104	70-130	1	
Chlorobenzene	ug/L	ND	50	50	57.4	56.7	115	113	70-146	1	
Chloroethane	ug/L	ND	50	50	56.3	56.1	113	112	70-130	0	
Chloroform	ug/L	ND	50	50	53.7	52.9	107	106	70-130	2	
Chloromethane	ug/L	ND	50	50	57.0	59.4	114	119	70-130	4	
Chloroprene	ug/L	ND	50	50	63.5	63.8	127	128	70-130	1	
cis-1,2-Dichloroethene	ug/L	ND	50	50	57.2	56.8	114	114	70-130	1	
cis-1,3-Dichloropropene	ug/L	ND	50	50	61.9	61.6	124	123	70-130	0	
Dibromochloromethane	ug/L	ND	50	50	53.8	53.3	108	107	70-130	1	
Dibromomethane	ug/L	ND	50	50	54.5	53.9	109	108	70-130	1	
Dichlorodifluoromethane	ug/L	ND	50	50	55.6	56.0	111	112	70-130	1	
Ethyl methacrylate	ug/L	ND	50	50	63.2	61.7	126	123	70-130	2	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066120 1066121

Parameter	Units	92174785040 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Ethylbenzene	ug/L	ND	50	50	57.5	55.9	115	112	70-130	3	
Iodomethane	ug/L	ND	100	100	77.1	99.2	77	99	70-130	25	
Isobutanol	ug/L	ND	1000	1000	1310	1300	131	130	70-130	1	M0
m&p-Xylene	ug/L	ND	100	100	119	117	119	117	70-130	1	
Methacrylonitrile	ug/L	ND	500	500	622	600	124	120	70-130	4	
Methyl methacrylate	ug/L	ND	50	50	59.6	58.8	119	118	70-130	1	
Methylene Chloride	ug/L	ND	50	50	47.5	47.9	95	96	70-130	1	
Naphthalene	ug/L	ND	50	50	61.5	60.7	123	121	70-130	1	
o-Xylene	ug/L	ND	50	50	63.1	62.4	126	125	70-130	1	
Propionitrile	ug/L	ND	500	500	641	654	128	131	70-130	2	M1
Styrene	ug/L	ND	50	50	61.0	59.4	122	119	70-130	3	
Tetrachloroethene	ug/L	ND	50	50	60.7	61.7	121	123	70-130	2	
Toluene	ug/L	ND	50	50	57.7	55.7	115	111	70-155	4	
trans-1,2-Dichloroethene	ug/L	ND	50	50	56.0	57.3	112	115	70-130	2	
trans-1,3-Dichloropropene	ug/L	ND	50	50	65.4	63.9	131	128	70-130	2	M1
trans-1,4-Dichloro-2-butene	ug/L	ND	50	50	57.9	57.4	116	115	70-130	1	
Trichloroethene	ug/L	ND	50	50	57.3	56.1	115	112	69-151	2	
Trichlorofluoromethane	ug/L	ND	50	50	52.7	50.8	105	102	70-130	3	
Vinyl acetate	ug/L	ND	100	100	136	134	136	134	70-130	1	M1
Vinyl chloride	ug/L	ND	50	50	60.2	63.0	120	126	70-130	5	
1,2-Dichloroethane-d4 (S)	%						97	96	70-130		
4-Bromofluorobenzene (S)	%						98	98	70-130		
Toluene-d8 (S)	%						100	99	70-130		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: MSV/24576 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92174785041, 92174785042

METHOD BLANK: 1066818 | Matrix: Water
Associated Lab Samples: 92174785041, 92174785042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/16/13 15:37	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/16/13 15:37	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/16/13 15:37	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/16/13 15:37	
1,1-Dichloroethane	ug/L	ND	1.0	10/16/13 15:37	
1,1-Dichloroethene	ug/L	ND	1.0	10/16/13 15:37	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/16/13 15:37	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/16/13 15:37	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/16/13 15:37	
1,2-Dichloroethane	ug/L	ND	1.0	10/16/13 15:37	
1,2-Dichloropropane	ug/L	ND	1.0	10/16/13 15:37	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/16/13 15:37	
2-Butanone (MEK)	ug/L	ND	5.0	10/16/13 15:37	
2-Hexanone	ug/L	ND	5.0	10/16/13 15:37	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/16/13 15:37	
Acetone	ug/L	ND	25.0	10/16/13 15:37	
Acrylonitrile	ug/L	ND	10.0	10/16/13 15:37	
Benzene	ug/L	ND	1.0	10/16/13 15:37	
Bromochloromethane	ug/L	ND	1.0	10/16/13 15:37	
Bromodichloromethane	ug/L	ND	1.0	10/16/13 15:37	
Bromoform	ug/L	ND	1.0	10/16/13 15:37	
Bromomethane	ug/L	ND	2.0	10/16/13 15:37	
Carbon disulfide	ug/L	ND	2.0	10/16/13 15:37	
Carbon tetrachloride	ug/L	ND	1.0	10/16/13 15:37	
Chlorobenzene	ug/L	ND	1.0	10/16/13 15:37	
Chloroethane	ug/L	ND	1.0	10/16/13 15:37	
Chloroform	ug/L	ND	1.0	10/16/13 15:37	
Chloromethane	ug/L	ND	1.0	10/16/13 15:37	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/16/13 15:37	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/16/13 15:37	
Dibromochloromethane	ug/L	ND	1.0	10/16/13 15:37	
Dibromomethane	ug/L	ND	1.0	10/16/13 15:37	
Ethylbenzene	ug/L	ND	1.0	10/16/13 15:37	
Iodomethane	ug/L	ND	5.0	10/16/13 15:37	
m&p-Xylene	ug/L	ND	2.0	10/16/13 15:37	
Methylene Chloride	ug/L	ND	2.0	10/16/13 15:37	
o-Xylene	ug/L	ND	1.0	10/16/13 15:37	
Styrene	ug/L	ND	1.0	10/16/13 15:37	
Tetrachloroethene	ug/L	ND	1.0	10/16/13 15:37	
Toluene	ug/L	ND	1.0	10/16/13 15:37	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/16/13 15:37	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/16/13 15:37	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/16/13 15:37	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1066818 Matrix: Water

Associated Lab Samples: 92174785041, 92174785042

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Trichloroethene	ug/L	ND	1.0	10/16/13 15:37	
Trichlorofluoromethane	ug/L	ND	1.0	10/16/13 15:37	
Vinyl acetate	ug/L	ND	2.0	10/16/13 15:37	
Vinyl chloride	ug/L	ND	1.0	10/16/13 15:37	
Xylene (Total)	ug/L	ND	2.0	10/16/13 15:37	
1,2-Dichloroethane-d4 (S)	%	93	70-130	10/16/13 15:37	
4-Bromofluorobenzene (S)	%	100	70-130	10/16/13 15:37	
Toluene-d8 (S)	%	95	70-130	10/16/13 15:37	

LABORATORY CONTROL SAMPLE: 1066819

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.7	101	70-130	
1,1,1-Trichloroethane	ug/L	50	45.3	91	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.3	107	70-130	
1,1,2-Trichloroethane	ug/L	50	52.3	105	70-130	
1,1-Dichloroethane	ug/L	50	48.4	97	70-130	
1,1-Dichloroethene	ug/L	50	50.9	102	70-132	
1,2,3-Trichloropropane	ug/L	50	54.1	108	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.7	109	70-130	
1,2-Dichlorobenzene	ug/L	50	56.1	112	70-130	
1,2-Dichloroethane	ug/L	50	44.5	89	70-130	
1,2-Dichloropropane	ug/L	50	57.6	115	70-130	
1,4-Dichlorobenzene	ug/L	50	54.0	108	70-130	
2-Butanone (MEK)	ug/L	100	115	115	70-145	
2-Hexanone	ug/L	100	122	122	70-144	
4-Methyl-2-pentanone (MIBK)	ug/L	100	113	113	70-140	
Acetone	ug/L	100	94.5	95	50-175	
Acrylonitrile	ug/L	250	284	114	70-143	
Benzene	ug/L	50	51.7	103	70-130	
Bromochloromethane	ug/L	50	47.2	94	70-130	
Bromodichloromethane	ug/L	50	48.9	98	70-130	
Bromoform	ug/L	50	49.9	100	70-130	
Bromomethane	ug/L	50	42.8	86	54-130	
Carbon disulfide	ug/L	50	54.6	109	70-131	
Carbon tetrachloride	ug/L	50	44.9	90	70-132	
Chlorobenzene	ug/L	50	51.9	104	70-130	
Chloroethane	ug/L	50	49.0	98	64-134	
Chloroform	ug/L	50	47.9	96	70-130	
Chloromethane	ug/L	50	52.9	106	64-130	
cis-1,2-Dichloroethene	ug/L	50	50.0	100	70-131	
cis-1,3-Dichloropropene	ug/L	50	55.8	112	70-130	
Dibromochloromethane	ug/L	50	50.0	100	70-130	
Dibromomethane	ug/L	50	49.9	100	70-131	
Ethylbenzene	ug/L	50	50.7	101	70-130	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1066819

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iodomethane	ug/L	100	99.4	99	49-180	
m&p-Xylene	ug/L	100	106	106	70-130	
Methylene Chloride	ug/L	50	49.9	100	63-130	
o-Xylene	ug/L	50	56.4	113	70-130	
Styrene	ug/L	50	55.0	110	70-130	
Tetrachloroethene	ug/L	50	54.7	109	70-130	
Toluene	ug/L	50	50.1	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.5	99	70-130	
trans-1,3-Dichloropropene	ug/L	50	59.1	118	70-132	
trans-1,4-Dichloro-2-butene	ug/L	50	54.9	110	70-141	
Trichloroethene	ug/L	50	50.4	101	70-130	
Trichlorofluoromethane	ug/L	50	41.4	83	62-133	
Vinyl acetate	ug/L	100	122	122	66-157	
Vinyl chloride	ug/L	50	52.7	105	69-130	
Xylene (Total)	ug/L	150	162	108	70-130	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067725 1067726

Parameter	Units	92175832021 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	47.1	43.3	94	87	70-166	8	
Benzene	ug/L	ND	50	50	57.1	50.6	114	101	70-148	12	
Chlorobenzene	ug/L	ND	50	50	54.9	48.1	110	96	70-146	13	
Toluene	ug/L	ND	50	50	52.1	46.0	104	92	70-155	12	
Trichloroethene	ug/L	ND	50	50	59.3	53.2	119	106	69-151	11	
1,2-Dichloroethane-d4 (S)	%						93	93	70-130		
4-Bromofluorobenzene (S)	%						102	98	70-130		
Toluene-d8 (S)	%						97	97	70-130		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/24197
QC Batch Method: EPA 3510
Analysis Method: EPA 8081
Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92174785015, 92174785019

METHOD BLANK: 1063676
Matrix: Water
Associated Lab Samples: 92174785015, 92174785019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	10/15/13 23:17	
4,4'-DDE	ug/L	ND	0.050	10/15/13 23:17	
4,4'-DDT	ug/L	ND	0.050	10/15/13 23:17	
Aldrin	ug/L	ND	0.050	10/15/13 23:17	
alpha-BHC	ug/L	ND	0.050	10/15/13 23:17	
beta-BHC	ug/L	ND	0.050	10/15/13 23:17	
Chlordane (Technical)	ug/L	ND	0.20	10/15/13 23:17	
delta-BHC	ug/L	ND	0.050	10/15/13 23:17	
Dieldrin	ug/L	ND	0.050	10/15/13 23:17	
Endosulfan I	ug/L	ND	0.050	10/15/13 23:17	
Endosulfan II	ug/L	ND	0.050	10/15/13 23:17	
Endosulfan sulfate	ug/L	ND	0.050	10/15/13 23:17	
Endrin	ug/L	ND	0.050	10/15/13 23:17	
Endrin aldehyde	ug/L	ND	0.050	10/15/13 23:17	
Endrin ketone	ug/L	ND	0.050	10/15/13 23:17	
gamma-BHC (Lindane)	ug/L	ND	0.050	10/15/13 23:17	
Heptachlor	ug/L	ND	0.050	10/15/13 23:17	
Heptachlor epoxide	ug/L	ND	0.050	10/15/13 23:17	
Hexachlorobenzene	ug/L	ND	0.050	10/15/13 23:17	
Methoxychlor	ug/L	ND	0.15	10/15/13 23:17	
Mirex	ug/L	ND	0.15	10/15/13 23:17	
Toxaphene	ug/L	ND	0.20	10/15/13 23:17	
Decachlorobiphenyl (S)	%	81	20-130	10/15/13 23:17	
Tetrachloro-m-xylene (S)	%	65	20-130	10/15/13 23:17	

LABORATORY CONTROL SAMPLE: 1063677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.26	105	20-150	
4,4'-DDE	ug/L	.25	0.24	96	20-150	
4,4'-DDT	ug/L	.25	0.28	113	20-150	
Aldrin	ug/L	.25	0.12	49	20-150	
alpha-BHC	ug/L	.25	0.13	54	20-150	
beta-BHC	ug/L	.25	0.20	81	20-150	
delta-BHC	ug/L	.25	0.21	86	20-150	
Dieldrin	ug/L	.25	0.22	88	20-150	
Endosulfan I	ug/L	.25	0.20	80	20-150	
Endosulfan II	ug/L	.25	0.24	97	20-150	
Endosulfan sulfate	ug/L	.25	0.19	78	20-150	
Endrin	ug/L	.25	0.25	99	20-150	
Endrin aldehyde	ug/L	.25	0.22	90	20-150	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1063677

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin ketone	ug/L	.25	0.25	99	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.14	58	20-150	
Heptachlor	ug/L	.25	0.13	53	20-150	
Heptachlor epoxide	ug/L	.25	0.18	72	20-150	
Hexachlorobenzene	ug/L	.25	0.12	49	20-150	
Methoxychlor	ug/L	.74	0.80	108	20-150	
Mirex	ug/L	.74	0.67	90	20-150	
Decachlorobiphenyl (S)	%			80	20-130	
Tetrachloro-m-xylene (S)	%			51	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1063678 1063679

Parameter	Units	92174646001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.51	0.46	103	93	20-150	10	
4,4'-DDE	ug/L	ND	.5	.5	0.49	0.44	99	89	20-150	10	
4,4'-DDT	ug/L	ND	.5	.5	0.58	0.53	116	106	20-150	9	
Aldrin	ug/L	ND	.5	.5	0.39	0.36	79	73	20-150	8	
alpha-BHC	ug/L	ND	.5	.5	0.26	0.27	53	55	20-150	4	
beta-BHC	ug/L	ND	.5	.5	0.68	0.65	138	131	20-150	6	
delta-BHC	ug/L	ND	.5	.5	0.96	0.66	193	134	20-150	36	M3,R2
Dieldrin	ug/L	ND	.5	.5	0.46	0.42	94	86	20-150	9	
Endosulfan I	ug/L	ND	.5	.5	0.43	0.39	87	78	20-150	11	
Endosulfan II	ug/L	ND	.5	.5	0.48	0.43	97	87	20-150	11	
Endosulfan sulfate	ug/L	ND	.5	.5	0.41	0.38	83	76	20-150	9	
Endrin	ug/L	ND	.5	.5	0.59	0.52	120	105	20-150	13	
Endrin aldehyde	ug/L	ND	.5	.5	0.39	0.39	79	80	20-150	1	
Endrin ketone	ug/L	ND	.5	.5	0.45	0.44	92	88	20-150	4	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.35	0.34	70	68	20-150	3	
Heptachlor	ug/L	ND	.5	.5	0.70	0.63	142	127	20-150	11	
Heptachlor epoxide	ug/L	ND	.5	.5	0.51	0.37	103	75	20-150	31	R1
Hexachlorobenzene	ug/L	ND	.5	.5	0.26	0.25	53	50	20-150	6	
Methoxychlor	ug/L	ND	1.5	1.5	1.6	1.4	107	96	20-150	10	
Mirex	ug/L	ND	1.5	1.5	1.3	1.1	85	76	20-150	11	
Decachlorobiphenyl (S)	%						61	56	20-130		
Tetrachloro-m-xylene (S)	%						35	48	20-130		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/24273
Analysis Method: EPA 8081
QC Batch Method: EPA 3510
Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92174785027, 92174785028

METHOD BLANK: 1066568
Matrix: Water
Associated Lab Samples: 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	10/18/13 14:19	
4,4'-DDE	ug/L	ND	0.050	10/18/13 14:19	
4,4'-DDT	ug/L	ND	0.050	10/18/13 14:19	
Aldrin	ug/L	ND	0.050	10/18/13 14:19	
alpha-BHC	ug/L	ND	0.050	10/18/13 14:19	
beta-BHC	ug/L	ND	0.050	10/18/13 14:19	
Chlordane (Technical)	ug/L	ND	0.20	10/18/13 14:19	
delta-BHC	ug/L	ND	0.050	10/18/13 14:19	
Dieldrin	ug/L	ND	0.050	10/18/13 14:19	
Endosulfan I	ug/L	ND	0.050	10/18/13 14:19	
Endosulfan II	ug/L	ND	0.050	10/18/13 14:19	
Endosulfan sulfate	ug/L	ND	0.050	10/18/13 14:19	
Endrin	ug/L	ND	0.050	10/18/13 14:19	
Endrin aldehyde	ug/L	ND	0.050	10/18/13 14:19	
Endrin ketone	ug/L	ND	0.050	10/18/13 14:19	
gamma-BHC (Lindane)	ug/L	ND	0.050	10/18/13 14:19	
Heptachlor	ug/L	ND	0.050	10/18/13 14:19	
Heptachlor epoxide	ug/L	ND	0.050	10/18/13 14:19	
Hexachlorobenzene	ug/L	ND	0.050	10/18/13 14:19	
Methoxychlor	ug/L	ND	0.15	10/18/13 14:19	
Mirex	ug/L	ND	0.15	10/18/13 14:19	
Toxaphene	ug/L	ND	0.20	10/18/13 14:19	
Decachlorobiphenyl (S)	%	60	20-130	10/18/13 14:19	
Tetrachloro-m-xylene (S)	%	45	20-130	10/18/13 14:19	

LABORATORY CONTROL SAMPLE: 1066569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.23	92	20-150	
4,4'-DDE	ug/L	.25	0.18	74	20-150	
4,4'-DDT	ug/L	.25	0.22	89	20-150	
Aldrin	ug/L	.25	0.12	48	20-150	
alpha-BHC	ug/L	.25	0.21	85	20-150	
beta-BHC	ug/L	.25	0.22	88	20-150	
delta-BHC	ug/L	.25	0.23	91	20-150	
Dieldrin	ug/L	.25	0.22	89	20-150	
Endosulfan I	ug/L	.25	0.22	90	20-150	
Endosulfan II	ug/L	.25	0.22	91	20-150	
Endosulfan sulfate	ug/L	.25	0.18	72	20-150	
Endrin	ug/L	.25	0.26	104	20-150	
Endrin aldehyde	ug/L	.25	0.22	90	20-150	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1066569

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Endrin ketone	ug/L	.25	0.23	93	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.22	88	20-150	
Heptachlor	ug/L	.25	0.15	61	20-150	
Heptachlor epoxide	ug/L	.25	0.20	82	20-150	
Hexachlorobenzene	ug/L	.25	0.15	61	20-150	
Methoxychlor	ug/L	.74	0.70	94	20-150	
Mirex	ug/L	.74	0.60	80	20-150	
Decachlorobiphenyl (S)	%			61	20-130	
Tetrachloro-m-xylene (S)	%			71	20-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066570 1066571

Parameter	Units	92175832024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4,4'-DDD	ug/L	ND	.5	.5	0.40	0.49	81	100	20-150	21	
4,4'-DDE	ug/L	ND	.5	.5	0.38	0.46	77	93	20-150	19	
4,4'-DDT	ug/L	ND	.5	.5	0.45	0.54	91	110	20-150	19	
Aldrin	ug/L	ND	.5	.5	0.24	0.33	48	68	20-150	35	R1
alpha-BHC	ug/L	ND	.5	.5	0.32	0.39	64	78	20-150	20	
beta-BHC	ug/L	ND	.5	.5	0.39	0.44	79	88	20-150	11	
delta-BHC	ug/L	ND	.5	.5	0.41	0.46	82	93	20-150	12	
Dieldrin	ug/L	ND	.5	.5	0.37	0.46	76	93	20-150	21	
Endosulfan I	ug/L	ND	.5	.5	0.38	0.46	77	93	20-150	20	
Endosulfan II	ug/L	ND	.5	.5	0.42	0.49	84	99	20-150	16	
Endosulfan sulfate	ug/L	ND	.5	.5	0.34	0.40	69	80	20-150	15	
Endrin	ug/L	ND	.5	.5	0.48	0.58	96	116	20-150	19	
Endrin aldehyde	ug/L	ND	.5	.5	0.40	0.46	82	93	20-150	13	
Endrin ketone	ug/L	ND	.5	.5	0.42	0.49	86	100	20-150	15	
gamma-BHC (Lindane)	ug/L	ND	.5	.5	0.35	0.41	70	82	20-150	15	
Heptachlor	ug/L	ND	.5	.5	0.26	0.36	53	73	20-150	33	R1
Heptachlor epoxide	ug/L	ND	.5	.5	0.36	0.42	73	85	20-150	15	
Hexachlorobenzene	ug/L	ND	.5	.5	0.25	0.33	51	67	20-150	26	
Methoxychlor	ug/L	ND	1.5	1.5	1.2	1.6	82	107	20-150	27	
Mirex	ug/L	ND	1.5	1.5	1.1	1.3	74	87	20-150	17	
Decachlorobiphenyl (S)	%						48	50	20-130		
Tetrachloro-m-xylene (S)	%						50	62	20-130		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/24221 — Analysis Method: EPA 8082
QC Batch Method: EPA 3510 — Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92174785015, 92174785019

METHOD BLANK: 1064500 — Matrix: Water
Associated Lab Samples: 92174785015, 92174785019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	10/18/13 01:44	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	10/18/13 01:44	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	10/18/13 01:44	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	10/18/13 01:44	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	10/18/13 01:44	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	10/18/13 01:44	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	10/18/13 01:44	
Decachlorobiphenyl (S)	%	75	10-132	10/18/13 01:44	

LABORATORY CONTROL SAMPLE: 1064501

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.0	60	50-150	
PCB-1260 (Aroclor 1260)	ug/L	5	3.3	65	50-150	
Decachlorobiphenyl (S)	%			67	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1064502 1064503

Parameter	Units	92175420006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	6.1	6.1	61	61	50-150	0	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	5.9	6.0	59	60	50-150	2	
Decachlorobiphenyl (S)	%						53	62	10-132		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/24269 — Analysis Method: EPA 8082
QC Batch Method: EPA 3510 — Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92174785027, 92174785028

METHOD BLANK: 1066528 — Matrix: Water
Associated Lab Samples: 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	10/17/13 06:30	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	10/17/13 06:30	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	10/17/13 06:30	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	10/17/13 06:30	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	10/17/13 06:30	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	10/17/13 06:30	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	10/17/13 06:30	
Decachlorobiphenyl (S)	%	74	10-132	10/17/13 06:30	

LABORATORY CONTROL SAMPLE: 1066529

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.3	86	50-150	
PCB-1260 (Aroclor 1260)	ug/L	5	4.5	91	50-150	
Decachlorobiphenyl (S)	%			93	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066530 1066531

Parameter	Units	92174785027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	6.6	7.6	66	76	50-150	15	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	5.8	5.9	58	59	50-150	2	
Decachlorobiphenyl (S)	%						44	45	10-132		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/14611 — Analysis Method: EPA 8151
QC Batch Method: EPA 8151 — Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

METHOD BLANK: 742991 — Matrix: Water
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	0.19	10/16/13 01:12	
2,4,5-TP (Silvex)	ug/L	ND	0.19	10/16/13 01:12	
2,4-D	ug/L	ND	0.94	10/16/13 01:12	
Dinoseb	ug/L	ND	0.19	10/16/13 01:12	
Pentachlorophenol	ug/L	ND	0.028	10/16/13 01:12	
2,4-DCAA (S)	%	134	42-142	10/16/13 01:12	

LABORATORY CONTROL SAMPLE: 742992

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	1.1	89	28-161	
2,4,5-TP (Silvex)	ug/L	1.2	1.5	122	27-170	
2,4-D	ug/L	6	6.7	111	23-163	
Dinoseb	ug/L	1.2	1.2	104	24-151	
Pentachlorophenol	ug/L	.18	0.21	118	29-143	
2,4-DCAA (S)	%			105	42-142	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 743437 743438

Parameter	Units	92175142007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2,4,5-T	ug/L	<0.042	2.4	2.4	2.0	2.0	82	82	36-169	.7	
2,4,5-TP (Silvex)	ug/L	<0.049	2.4	2.4	2.8	2.8	118	118	20-176	.08	
2,4-D	ug/L	<0.23	12	12	13.5	14.3	112	119	17-167	6	
Dinoseb	ug/L	0.18J	2.4	2.4	2.2	2.1	84	80	10-163	5	
Pentachlorophenol	ug/L	<0.017	.36	.36	0.25	0.28	70	77	10-162	11	
2,4-DCAA (S)	%						101	108	42-142		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/24208
Analysis Method: EPA 8270
QC Batch Method: EPA 3510
Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92174785015, 92174785019

METHOD BLANK: 1064059
Matrix: Water
Associated Lab Samples: 92174785015, 92174785019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
1,2,4-Trichlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
1,2-Dichlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	10/15/13 10:46	
1,3-Dichlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
1,3-Dinitrobenzene	ug/L	ND	20.0	10/15/13 10:46	
1,4-Dichlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
1,4-Naphthoquinone	ug/L	ND	5.0	10/15/13 10:46	
1-Naphthalenamine	ug/L	ND	5.0	10/15/13 10:46	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	10/15/13 10:46	
2,4,5-Trichlorophenol	ug/L	ND	10.0	10/15/13 10:46	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/15/13 10:46	
2,4-Dichlorophenol	ug/L	ND	10.0	10/15/13 10:46	
2,4-Dimethylphenol	ug/L	ND	10.0	10/15/13 10:46	
2,4-Dinitrophenol	ug/L	ND	50.0	10/15/13 10:46	
2,4-Dinitrotoluene	ug/L	ND	10.0	10/15/13 10:46	
2,6-Dichlorophenol	ug/L	ND	10.0	10/15/13 10:46	
2,6-Dinitrotoluene	ug/L	ND	10.0	10/15/13 10:46	
2-Acetylaminofluorene	ug/L	ND	20.0	10/15/13 10:46	
2-Chloronaphthalene	ug/L	ND	10.0	10/15/13 10:46	
2-Chlorophenol	ug/L	ND	10.0	10/15/13 10:46	
2-Methylnaphthalene	ug/L	ND	10.0	10/15/13 10:46	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	10/15/13 10:46	
2-Naphthalenamine	ug/L	ND	5.0	10/15/13 10:46	
2-Nitroaniline	ug/L	ND	50.0	10/15/13 10:46	
2-Nitrophenol	ug/L	ND	10.0	10/15/13 10:46	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	10/15/13 10:46	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	10/15/13 10:46	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	10/15/13 10:46	
3-Methylcholanthrene	ug/L	ND	10.0	10/15/13 10:46	
3-Nitroaniline	ug/L	ND	50.0	10/15/13 10:46	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	10/15/13 10:46	
4-Aminobiphenyl	ug/L	ND	10.0	10/15/13 10:46	
4-Bromophenylphenyl ether	ug/L	ND	10.0	10/15/13 10:46	
4-Chloro-3-methylphenol	ug/L	ND	20.0	10/15/13 10:46	
4-Chloroaniline	ug/L	ND	20.0	10/15/13 10:46	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	10/15/13 10:46	
4-Nitroaniline	ug/L	ND	20.0	10/15/13 10:46	
4-Nitrophenol	ug/L	ND	50.0	10/15/13 10:46	
5-Nitro-o-toluidine	ug/L	ND	10.0	10/15/13 10:46	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	10/15/13 10:46	
Acenaphthene	ug/L	ND	10.0	10/15/13 10:46	
Acenaphthylene	ug/L	ND	10.0	10/15/13 10:46	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1064059 Matrix: Water

Associated Lab Samples: 92174785015, 92174785019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetophenone	ug/L	ND	10.0	10/15/13 10:46	
Anthracene	ug/L	ND	10.0	10/15/13 10:46	
Benzo(a)anthracene	ug/L	ND	10.0	10/15/13 10:46	
Benzo(a)pyrene	ug/L	ND	10.0	10/15/13 10:46	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/15/13 10:46	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/15/13 10:46	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/15/13 10:46	
Benzyl alcohol	ug/L	ND	20.0	10/15/13 10:46	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/15/13 10:46	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	10/15/13 10:46	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	10/15/13 10:46	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	10/15/13 10:46	
Butylbenzylphthalate	ug/L	ND	10.0	10/15/13 10:46	
Chlorobenzilate	ug/L	ND	10.0	10/15/13 10:46	
Chrysene	ug/L	ND	10.0	10/15/13 10:46	
Di-n-butylphthalate	ug/L	ND	10.0	10/15/13 10:46	
Di-n-octylphthalate	ug/L	ND	10.0	10/15/13 10:46	
Diallate	ug/L	ND	10.0	10/15/13 10:46	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/15/13 10:46	
Dibenzofuran	ug/L	ND	10.0	10/15/13 10:46	
Diethylphthalate	ug/L	ND	10.0	10/15/13 10:46	
Dimethoate	ug/L	ND	10.0	10/15/13 10:46	
Dimethylphthalate	ug/L	ND	10.0	10/15/13 10:46	
Diphenylamine	ug/L	ND	10.0	10/15/13 10:46	
Disulfoton	ug/L	ND	10.0	10/15/13 10:46	
Ethyl methanesulfonate	ug/L	ND	20.0	10/15/13 10:46	
Famphur	ug/L	ND	10.0	10/15/13 10:46	
Fluoranthene	ug/L	ND	10.0	10/15/13 10:46	
Fluorene	ug/L	ND	10.0	10/15/13 10:46	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	10/15/13 10:46	
Hexachlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/15/13 10:46	
Hexachloroethane	ug/L	ND	10.0	10/15/13 10:46	
Hexachloropropene	ug/L	ND	10.0	10/15/13 10:46	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/15/13 10:46	
Isodrin	ug/L	ND	20.0	10/15/13 10:46	
Isophorone	ug/L	ND	10.0	10/15/13 10:46	
Isosafrole	ug/L	ND	10.0	10/15/13 10:46	
Kepone	ug/L	ND	10.0	10/15/13 10:46	
Methapyrilene	ug/L	ND	50.0	10/15/13 10:46	
Methyl methanesulfonate	ug/L	ND	5.0	10/15/13 10:46	
Methyl parathion	ug/L	ND	10.0	10/15/13 10:46	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	10/15/13 10:46	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	10/15/13 10:46	
N-Nitrosodiethylamine	ug/L	ND	20.0	10/15/13 10:46	
N-Nitrosodimethylamine	ug/L	ND	10.0	10/15/13 10:46	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/15/13 10:46	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1064059 Matrix: Water

Associated Lab Samples: 92174785015, 92174785019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
N-Nitrosomethylethylamine	ug/L	ND	10.0	10/15/13 10:46	
N-Nitrosopiperidine	ug/L	ND	20.0	10/15/13 10:46	
N-Nitrosopyrrolidine	ug/L	ND	10.0	10/15/13 10:46	
Naphthalene	ug/L	ND	10.0	10/15/13 10:46	
Nitrobenzene	ug/L	ND	10.0	10/15/13 10:46	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	10/15/13 10:46	
O-Toluidine	ug/L	ND	10.0	10/15/13 10:46	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	10/15/13 10:46	
p-Phenylenediamine	ug/L	ND	10.0	10/15/13 10:46	
Parathion (Ethyl parathion)	ug/L	ND	10.0	10/15/13 10:46	
Pentachlorobenzene	ug/L	ND	10.0	10/15/13 10:46	
Pentachloronitrobenzene	ug/L	ND	20.0	10/15/13 10:46	
Pentachlorophenol	ug/L	ND	25.0	10/15/13 10:46	
Phenacetin	ug/L	ND	20.0	10/15/13 10:46	
Phenanthrene	ug/L	ND	10.0	10/15/13 10:46	
Phenol	ug/L	ND	10.0	10/15/13 10:46	
Phorate	ug/L	ND	10.0	10/15/13 10:46	
Pronamide	ug/L	ND	10.0	10/15/13 10:46	
Pyrene	ug/L	ND	10.0	10/15/13 10:46	
Safrole	ug/L	ND	10.0	10/15/13 10:46	
Thionazin	ug/L	ND	20.0	10/15/13 10:46	
2,4,6-Tribromophenol (S)	%	44	27-110	10/15/13 10:46	
2-Fluorobiphenyl (S)	%	53	27-110	10/15/13 10:46	
2-Fluorophenol (S)	%	26	12-110	10/15/13 10:46	
Nitrobenzene-d5 (S)	%	48	21-110	10/15/13 10:46	
Phenol-d6 (S)	%	17	10-110	10/15/13 10:46	
Terphenyl-d14 (S)	%	65	31-107	10/15/13 10:46	

LABORATORY CONTROL SAMPLE: 1064060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	42.4	85	17-115	
1,2,4-Trichlorobenzene	ug/L	50	32.3	65	10-110	
1,2-Dichlorobenzene	ug/L	50	29.9	60	10-110	
1,3,5-Trinitrobenzene	ug/L	50	39.9	80	17-115	
1,3-Dichlorobenzene	ug/L	50	28.5	57	10-110	
1,3-Dinitrobenzene	ug/L	50	36.0	72	17-115	
1,4-Dichlorobenzene	ug/L	50	28.9	58	10-110	
1,4-Naphthoquinone	ug/L	50	42.9	86	17-115	
1-Naphthalenamine	ug/L	50	46.7	93	17-115	
2,3,4,6-Tetrachlorophenol	ug/L	50	92.7	185	17-115	L3
2,4,5-Trichlorophenol	ug/L	50	37.3	75	23-116	
2,4,6-Trichlorophenol	ug/L	50	35.2	70	21-114	
2,4-Dichlorophenol	ug/L	50	27.1	54	22-120	
2,4-Dimethylphenol	ug/L	50	27.6	55	15-109	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1064060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/L	250	192	77	10-103	
2,4-Dinitrotoluene	ug/L	50	46.4	93	24-119	
2,6-Dichlorophenol	ug/L	50	43.8	88	17-115	
2,6-Dinitrotoluene	ug/L	50	44.2	88	25-116	
2-Acetylaminofluorene	ug/L	50	62.4	125	17-115	L3
2-Chloronaphthalene	ug/L	50	37.3	75	18-110	
2-Chlorophenol	ug/L	50	24.8	50	10-104	
2-Methylnaphthalene	ug/L	50	27.5	55	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	25.8	52	13-110	
2-Naphthalenamine	ug/L	50	49.5	99	17-115	
2-Nitroaniline	ug/L	100	76.8	77	20-117	
2-Nitrophenol	ug/L	50	24.8	50	16-108	
3&4-Methylphenol(m&p Cresol)	ug/L	50	20.4	41	14-110	
3,3'-Dichlorobenzidine	ug/L	250	96.5	39	13-131	
3,3'-Dimethylbenzidine	ug/L	100	108	108	17-115	
3-Methylcholanthrene	ug/L	50	45.2	90	17-115	
3-Nitroaniline	ug/L	100	72.9	73	15-117	
4,6-Dinitro-2-methylphenol	ug/L	100	76.9	77	13-119	
4-Aminobiphenyl	ug/L	50	34.8	70	17-115	
4-Bromophenylphenyl ether	ug/L	50	34.6	69	23-120	
4-Chloro-3-methylphenol	ug/L	100	63.7	64	21-119	
4-Chloroaniline	ug/L	100	50.3	50	10-122	
4-Chlorophenylphenyl ether	ug/L	50	37.7	75	22-112	
4-Nitroaniline	ug/L	100	78.7	79	14-118	
4-Nitrophenol	ug/L	250	110	44	10-110	
5-Nitro-o-toluidine	ug/L	50	64.5	129	17-115	L3
7,12-Dimethylbenz(a)anthracene	ug/L	50	48.6	97	50-150	
Acenaphthene	ug/L	50	36.8	74	20-105	
Acenaphthylene	ug/L	50	35.7	71	23-106	
Acetophenone	ug/L	50	25.1	50	17-115	
Anthracene	ug/L	50	41.1	82	25-120	
Benzo(a)anthracene	ug/L	50	47.6	95	21-128	
Benzo(a)pyrene	ug/L	50	49.6	99	25-116	
Benzo(b)fluoranthene	ug/L	50	48.6	97	23-117	
Benzo(g,h,i)perylene	ug/L	50	47.1	94	17-128	
Benzo(k)fluoranthene	ug/L	50	52.8	106	25-127	
Benzyl alcohol	ug/L	100	45.7	46	10-101	
bis(2-Chloroethoxy)methane	ug/L	50	27.6	55	19-107	
bis(2-Chloroethyl) ether	ug/L	50	25.0	50	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	13.0	26	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	47.9	96	16-123	
Butylbenzylphthalate	ug/L	50	47.7	95	20-118	
Chlorobenzilate	ug/L	50	45.1	90	17-115	
Chrysene	ug/L	50	49.9	100	24-125	
Di-n-butylphthalate	ug/L	50	45.0	90	23-115	
Di-n-octylphthalate	ug/L	50	43.8	88	20-115	
Diallate	ug/L	50	36.2	72	17-115	
Dibenz(a,h)anthracene	ug/L	50	47.9	96	18-131	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1064060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenzofuran	ug/L	50	35.4	71	23-106	
Diethylphthalate	ug/L	50	47.4	95	24-115	
Dimethoate	ug/L	50	42.0	84	17-115	
Dimethylphthalate	ug/L	50	47.0	94	22-113	
Diphenylamine	ug/L	50	33.0	66	17-115	
Disulfoton	ug/L	50	40.9	82	17-115	
Ethyl methanesulfonate	ug/L	50	31.9	64	17-115	
Famphur	ug/L	100	61.5	61	17-115	
Fluoranthene	ug/L	50	45.7	91	24-125	
Fluorene	ug/L	50	42.2	84	24-114	
Hexachloro-1,3-butadiene	ug/L	50	35.4	71	10-110	
Hexachlorobenzene	ug/L	50	46.7	93	22-127	
Hexachlorocyclopentadiene	ug/L	50	46.1	92	10-110	
Hexachloroethane	ug/L	50	32.9	66	10-110	
Hexachloropropene	ug/L	50	51.0	102	17-115	
Indeno(1,2,3-cd)pyrene	ug/L	50	48.2	96	18-130	
Isodrin	ug/L	50	45.8	92	17-115	
Isophorone	ug/L	50	30.3	61	23-114	
Isosafrole	ug/L	50	33.5	67	17-115	
Kepone	ug/L	100	ND	0	17-115	L2
Methapyrilene	ug/L	50	78.8	158	17-115	L3
Methyl methanesulfonate	ug/L	50	30.6	61	17-115	
Methyl parathion	ug/L	50	39.8	80	17-115	
N-Nitroso-di-n-butylamine	ug/L	50	45.6	91	17-115	
N-Nitroso-di-n-propylamine	ug/L	50	29.9	60	21-114	
N-Nitrosodiethylamine	ug/L	50	29.8	60	17-115	
N-Nitrosodimethylamine	ug/L	50	17.1	34	10-110	
N-Nitrosodiphenylamine	ug/L	50	33.0	66	24-123	
N-Nitrosomethylethylamine	ug/L	50	28.9	58	17-115	
N-Nitrosopiperidine	ug/L	50	32.0	64	17-115	
N-Nitrosopyrrolidine	ug/L	50	27.1	54	17-115	
Naphthalene	ug/L	50	26.4	53	14-110	
Nitrobenzene	ug/L	50	30.0	60	16-106	
O,O,O-Triethylphosphorothioate	ug/L	50	44.1	88	17-115	
O-Toluidine	ug/L	50	27.9	56	17-115	
P-Dimethylaminoazobenzene	ug/L	100	32.3	32	17-115	
p-Phenylenediamine	ug/L	50	58.5	117	17-115	L3
Parathion (Ethyl parathion)	ug/L	50	41.3	83	17-115	
Pentachlorobenzene	ug/L	50	50.9	102	17-115	
Pentachloronitrobenzene	ug/L	50	53.0	106	17-115	
Pentachlorophenol	ug/L	250	72.7	29	10-123	
Phenacetin	ug/L	50	41.9	84	17-115	
Phenanthrene	ug/L	50	40.6	81	25-119	
Phenol	ug/L	50	15.7	31	10-110	
Phorate	ug/L	50	39.9	80	17-115	
Pronamide	ug/L	50	51.2	102	17-115	
Pyrene	ug/L	50	45.2	90	22-127	
Safrole	ug/L	50	42.6	85	17-115	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1064060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Thionazin	ug/L	50	44.9	90	17-115	
2,4,6-Tribromophenol (S)	%			90	27-110	
2-Fluorobiphenyl (S)	%			73	27-110	
2-Fluorophenol (S)	%			35	12-110	
Nitrobenzene-d5 (S)	%			61	21-110	
Phenol-d6 (S)	%			25	10-110	
Terphenyl-d14 (S)	%			78	31-107	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: OEXT/24242 | Analysis Method: EPA 8270
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92174785027, 92174785028

METHOD BLANK: 1065330 | Matrix: Water
Associated Lab Samples: 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
1,2,4-Trichlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
1,2-Dichlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	10/17/13 11:55	
1,3-Dichlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
1,3-Dinitrobenzene	ug/L	ND	20.0	10/17/13 11:55	
1,4-Dichlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
1,4-Naphthoquinone	ug/L	ND	5.0	10/17/13 11:55	
1-Naphthalenamine	ug/L	ND	5.0	10/17/13 11:55	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	10/17/13 11:55	
2,4,5-Trichlorophenol	ug/L	ND	10.0	10/17/13 11:55	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/17/13 11:55	
2,4-Dichlorophenol	ug/L	ND	10.0	10/17/13 11:55	
2,4-Dimethylphenol	ug/L	ND	10.0	10/17/13 11:55	
2,4-Dinitrophenol	ug/L	ND	50.0	10/17/13 11:55	
2,4-Dinitrotoluene	ug/L	ND	10.0	10/17/13 11:55	
2,6-Dichlorophenol	ug/L	ND	10.0	10/17/13 11:55	
2,6-Dinitrotoluene	ug/L	ND	10.0	10/17/13 11:55	
2-Acetylaminofluorene	ug/L	ND	20.0	10/17/13 11:55	
2-Chloronaphthalene	ug/L	ND	10.0	10/17/13 11:55	
2-Chlorophenol	ug/L	ND	10.0	10/17/13 11:55	
2-Methylnaphthalene	ug/L	ND	10.0	10/17/13 11:55	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	10/17/13 11:55	
2-Naphthalenamine	ug/L	ND	5.0	10/17/13 11:55	
2-Nitroaniline	ug/L	ND	50.0	10/17/13 11:55	
2-Nitrophenol	ug/L	ND	10.0	10/17/13 11:55	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	10/17/13 11:55	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	10/17/13 11:55	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	10/17/13 11:55	
3-Methylcholanthrene	ug/L	ND	10.0	10/17/13 11:55	
3-Nitroaniline	ug/L	ND	50.0	10/17/13 11:55	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	10/17/13 11:55	
4-Aminobiphenyl	ug/L	ND	10.0	10/17/13 11:55	
4-Bromophenylphenyl ether	ug/L	ND	10.0	10/17/13 11:55	
4-Chloro-3-methylphenol	ug/L	ND	20.0	10/17/13 11:55	
4-Chloroaniline	ug/L	ND	20.0	10/17/13 11:55	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	10/17/13 11:55	
4-Nitroaniline	ug/L	ND	20.0	10/17/13 11:55	
4-Nitrophenol	ug/L	ND	50.0	10/17/13 11:55	
5-Nitro-o-toluidine	ug/L	ND	10.0	10/17/13 11:55	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	10/17/13 11:55	
Acenaphthene	ug/L	ND	10.0	10/17/13 11:55	
Acenaphthylene	ug/L	ND	10.0	10/17/13 11:55	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1065330 Matrix: Water

Associated Lab Samples: 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acetophenone	ug/L	ND	10.0	10/17/13 11:55	
Anthracene	ug/L	ND	10.0	10/17/13 11:55	
Benzo(a)anthracene	ug/L	ND	10.0	10/17/13 11:55	
Benzo(a)pyrene	ug/L	ND	10.0	10/17/13 11:55	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/17/13 11:55	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/17/13 11:55	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/17/13 11:55	
Benzyl alcohol	ug/L	ND	20.0	10/17/13 11:55	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/17/13 11:55	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	10/17/13 11:55	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	10/17/13 11:55	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	10/17/13 11:55	
Butylbenzylphthalate	ug/L	ND	10.0	10/17/13 11:55	
Chlorobenzilate	ug/L	ND	10.0	10/17/13 11:55	
Chrysene	ug/L	ND	10.0	10/17/13 11:55	
Di-n-butylphthalate	ug/L	ND	10.0	10/17/13 11:55	
Di-n-octylphthalate	ug/L	ND	10.0	10/17/13 11:55	
Diallate	ug/L	ND	10.0	10/17/13 11:55	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/17/13 11:55	
Dibenzofuran	ug/L	ND	10.0	10/17/13 11:55	
Diethylphthalate	ug/L	ND	10.0	10/17/13 11:55	
Dimethoate	ug/L	ND	10.0	10/17/13 11:55	
Dimethylphthalate	ug/L	ND	10.0	10/17/13 11:55	
Diphenylamine	ug/L	ND	10.0	10/17/13 11:55	
Disulfoton	ug/L	ND	10.0	10/17/13 11:55	
Ethyl methanesulfonate	ug/L	ND	20.0	10/17/13 11:55	
Famphur	ug/L	ND	10.0	10/17/13 11:55	
Fluoranthene	ug/L	ND	10.0	10/17/13 11:55	
Fluorene	ug/L	ND	10.0	10/17/13 11:55	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	10/17/13 11:55	
Hexachlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/17/13 11:55	
Hexachloroethane	ug/L	ND	10.0	10/17/13 11:55	
Hexachloropropene	ug/L	ND	10.0	10/17/13 11:55	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/17/13 11:55	
Isodrin	ug/L	ND	20.0	10/17/13 11:55	
Isophorone	ug/L	ND	10.0	10/17/13 11:55	
Isosafrole	ug/L	ND	10.0	10/17/13 11:55	
Kepone	ug/L	ND	10.0	10/17/13 11:55	
Methapyrilene	ug/L	ND	50.0	10/17/13 11:55	
Methyl methanesulfonate	ug/L	ND	5.0	10/17/13 11:55	
Methyl parathion	ug/L	ND	10.0	10/17/13 11:55	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	10/17/13 11:55	
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	10/17/13 11:55	
N-Nitrosodiethylamine	ug/L	ND	20.0	10/17/13 11:55	
N-Nitrosodimethylamine	ug/L	ND	10.0	10/17/13 11:55	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/17/13 11:55	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

METHOD BLANK: 1065330 Matrix: Water

Associated Lab Samples: 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
N-Nitrosomethylethylamine	ug/L	ND	10.0	10/17/13 11:55	
N-Nitrosopiperidine	ug/L	ND	20.0	10/17/13 11:55	
N-Nitrosopyrrolidine	ug/L	ND	10.0	10/17/13 11:55	
Naphthalene	ug/L	ND	10.0	10/17/13 11:55	
Nitrobenzene	ug/L	ND	10.0	10/17/13 11:55	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	10/17/13 11:55	
O-Toluidine	ug/L	ND	10.0	10/17/13 11:55	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	10/17/13 11:55	
p-Phenylenediamine	ug/L	ND	10.0	10/17/13 11:55	
Parathion (Ethyl parathion)	ug/L	ND	10.0	10/17/13 11:55	
Pentachlorobenzene	ug/L	ND	10.0	10/17/13 11:55	
Pentachloronitrobenzene	ug/L	ND	20.0	10/17/13 11:55	
Pentachlorophenol	ug/L	ND	25.0	10/17/13 11:55	
Phenacetin	ug/L	ND	20.0	10/17/13 11:55	
Phenanthrene	ug/L	ND	10.0	10/17/13 11:55	
Phenol	ug/L	ND	10.0	10/17/13 11:55	
Phorate	ug/L	ND	10.0	10/17/13 11:55	
Pronamide	ug/L	ND	10.0	10/17/13 11:55	
Pyrene	ug/L	ND	10.0	10/17/13 11:55	
Safrole	ug/L	ND	10.0	10/17/13 11:55	
Thionazin	ug/L	ND	20.0	10/17/13 11:55	
2,4,6-Tribromophenol (S)	%	62	27-110	10/17/13 11:55	
2-Fluorobiphenyl (S)	%	66	27-110	10/17/13 11:55	
2-Fluorophenol (S)	%	30	12-110	10/17/13 11:55	
Nitrobenzene-d5 (S)	%	64	21-110	10/17/13 11:55	
Phenol-d6 (S)	%	20	10-110	10/17/13 11:55	
Terphenyl-d14 (S)	%	65	31-107	10/17/13 11:55	

LABORATORY CONTROL SAMPLE: 1065331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	43.8	88	17-115	
1,2,4-Trichlorobenzene	ug/L	50	33.3	67	10-110	
1,2-Dichlorobenzene	ug/L	50	31.7	63	10-110	
1,3,5-Trinitrobenzene	ug/L	50	35.8	72	17-115	
1,3-Dichlorobenzene	ug/L	50	30.7	61	10-110	
1,3-Dinitrobenzene	ug/L	50	35.3	71	17-115	
1,4-Dichlorobenzene	ug/L	50	30.8	62	10-110	
1,4-Naphthoquinone	ug/L	50	35.4	71	17-115	
1-Naphthalenamine	ug/L	50	41.9	84	17-115	
2,3,4,6-Tetrachlorophenol	ug/L	50	87.7	175	17-115	L3
2,4,5-Trichlorophenol	ug/L	50	39.3	79	23-116	
2,4,6-Trichlorophenol	ug/L	50	35.9	72	21-114	
2,4-Dichlorophenol	ug/L	50	27.2	54	22-120	
2,4-Dimethylphenol	ug/L	50	26.8	54	15-109	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1065331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrophenol	ug/L	250	125	50	10-103	
2,4-Dinitrotoluene	ug/L	50	45.4	91	24-119	
2,6-Dichlorophenol	ug/L	50	44.2	88	17-115	
2,6-Dinitrotoluene	ug/L	50	42.6	85	25-116	
2-Acetylaminofluorene	ug/L	50	59.0	118	17-115	L2
2-Chloronaphthalene	ug/L	50	38.0	76	18-110	
2-Chlorophenol	ug/L	50	26.1	52	10-104	
2-Methylnaphthalene	ug/L	50	27.5	55	16-110	
2-Methylphenol(o-Cresol)	ug/L	50	26.9	54	13-110	
2-Naphthalenamine	ug/L	50	46.2	92	17-115	
2-Nitroaniline	ug/L	100	72.6	73	20-117	
2-Nitrophenol	ug/L	50	26.3	53	16-108	
3&4-Methylphenol(m&p Cresol)	ug/L	50	20.2	40	14-110	
3,3'-Dichlorobenzidine	ug/L	250	80.8	32	13-131	
3,3'-Dimethylbenzidine	ug/L	100	95.7	96	17-115	
3-Methylcholanthrene	ug/L	50	43.1	86	17-115	
3-Nitroaniline	ug/L	100	68.3	68	15-117	
4,6-Dinitro-2-methylphenol	ug/L	100	71.4	71	13-119	
4-Aminobiphenyl	ug/L	50	34.3	69	17-115	
4-Bromophenylphenyl ether	ug/L	50	33.7	67	23-120	
4-Chloro-3-methylphenol	ug/L	100	58.6	59	21-119	
4-Chloroaniline	ug/L	100	51.8	52	10-122	
4-Chlorophenylphenyl ether	ug/L	50	38.5	77	22-112	
4-Nitroaniline	ug/L	100	71.5	71	14-118	
4-Nitrophenol	ug/L	250	91.5	37	10-110	
5-Nitro-o-toluidine	ug/L	50	61.7	123	17-115	L3
7,12-Dimethylbenz(a)anthracene	ug/L	50	35.6	71	50-150	
Acenaphthene	ug/L	50	37.4	75	20-105	
Acenaphthylene	ug/L	50	36.0	72	23-106	
Acetophenone	ug/L	50	25.9	52	17-115	
Anthracene	ug/L	50	38.2	76	25-120	
Benzo(a)anthracene	ug/L	50	42.3	85	21-128	
Benzo(a)pyrene	ug/L	50	44.4	89	25-116	
Benzo(b)fluoranthene	ug/L	50	44.0	88	23-117	
Benzo(g,h,i)perylene	ug/L	50	41.1	82	17-128	
Benzo(k)fluoranthene	ug/L	50	44.5	89	25-127	
Benzyl alcohol	ug/L	100	48.7	49	10-101	
bis(2-Chloroethoxy)methane	ug/L	50	27.1	54	19-107	
bis(2-Chloroethyl) ether	ug/L	50	26.4	53	10-108	
bis(2-Chloroisopropyl) ether	ug/L	50	13.7	27	10-108	
bis(2-Ethylhexyl)phthalate	ug/L	50	43.0	86	16-123	
Butylbenzylphthalate	ug/L	50	41.8	84	20-118	
Chlorobenzilate	ug/L	50	39.6	79	17-115	
Chrysene	ug/L	50	44.8	90	24-125	
Di-n-butylphthalate	ug/L	50	43.4	87	23-115	
Di-n-octylphthalate	ug/L	50	42.9	86	20-115	
Diallate	ug/L	50	32.7	65	17-115	
Dibenz(a,h)anthracene	ug/L	50	42.6	85	18-131	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1065331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenzofuran	ug/L	50	35.0	70	23-106	
Diethylphthalate	ug/L	50	47.3	95	24-115	
Dimethoate	ug/L	50	34.7	69	17-115	
Dimethylphthalate	ug/L	50	47.1	94	22-113	
Diphenylamine	ug/L	50	29.7	59	17-115	
Disulfoton	ug/L	50	35.4	71	17-115	
Ethyl methanesulfonate	ug/L	50	34.9	70	17-115	
Famphur	ug/L	100	29.8	30	17-115	
Fluoranthene	ug/L	50	42.3	85	24-125	
Fluorene	ug/L	50	41.7	83	24-114	
Hexachloro-1,3-butadiene	ug/L	50	36.9	74	10-110	
Hexachlorobenzene	ug/L	50	45.7	91	22-127	
Hexachlorocyclopentadiene	ug/L	50	51.8	104	10-110	
Hexachloroethane	ug/L	50	34.2	68	10-110	
Hexachloropropene	ug/L	50	52.1	104	17-115	
Indeno(1,2,3-cd)pyrene	ug/L	50	42.9	86	18-130	
Isodrin	ug/L	50	42.8	86	17-115	
Isophorone	ug/L	50	30.3	61	23-114	
Isosafrole	ug/L	50	34.2	68	17-115	
Kepone	ug/L	100	ND	0	17-115	L2
Methapyrilene	ug/L	50	78.6	157	17-115	L3
Methyl methanesulfonate	ug/L	50	27.4	55	17-115	
Methyl parathion	ug/L	50	36.8	74	17-115	
N-Nitroso-di-n-butylamine	ug/L	50	36.4	73	17-115	
N-Nitroso-di-n-propylamine	ug/L	50	29.8	60	21-114	
N-Nitrosodiethylamine	ug/L	50	34.2	68	17-115	
N-Nitrosodimethylamine	ug/L	50	19.0	38	10-110	
N-Nitrosodiphenylamine	ug/L	50	29.7	59	24-123	
N-Nitrosomethylethylamine	ug/L	50	30.4	61	17-115	
N-Nitrosopiperidine	ug/L	50	33.3	67	17-115	
N-Nitrosopyrrolidine	ug/L	50	27.1	54	17-115	
Naphthalene	ug/L	50	26.0	52	14-110	
Nitrobenzene	ug/L	50	29.6	59	16-106	
O,O,O-Triethylphosphorothioate	ug/L	50	47.4	95	17-115	
O-Toluidine	ug/L	50	27.7	55	17-115	
P-Dimethylaminoazobenzene	ug/L	100	27.9	28	17-115	
p-Phenylenediamine	ug/L	50	53.0	106	17-115	
Parathion (Ethyl parathion)	ug/L	50	39.3	79	17-115	
Pentachlorobenzene	ug/L	50	53.7	107	17-115	
Pentachloronitrobenzene	ug/L	50	50.7	101	17-115	
Pentachlorophenol	ug/L	250	66.0	26	10-123	
Phenacetin	ug/L	50	38.1	76	17-115	
Phenanthrene	ug/L	50	37.4	75	25-119	
Phenol	ug/L	50	15.9	32	10-110	
Phorate	ug/L	50	35.8	72	17-115	
Pronamide	ug/L	50	48.1	96	17-115	
Pyrene	ug/L	50	38.0	76	22-127	
Safrole	ug/L	50	42.9	86	17-115	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

LABORATORY CONTROL SAMPLE: 1065331

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Thionazin	ug/L	50	41.0	82	17-115	
2,4,6-Tribromophenol (S)	%			86	27-110	
2-Fluorobiphenyl (S)	%			73	27-110	
2-Fluorophenol (S)	%			35	12-110	
Nitrobenzene-d5 (S)	%			61	21-110	
Phenol-d6 (S)	%			25	10-110	
Terphenyl-d14 (S)	%			72	31-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065332 1065333

Parameter	Units	92174785028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4,5-Tetrachlorobenzene	ug/L	ND	100	100	49.0	101	49	101	50-150	69	M1,R1
1,2,4-Trichlorobenzene	ug/L	ND	100	100	39.9	78.1	40	78	10-110	65	R1
1,2-Dichlorobenzene	ug/L	ND	100	100	37.2	76.2	37	76	10-110	69	R1
1,3,5-Trinitrobenzene	ug/L	ND	100	100	64.8	72.7	65	73	50-150	11	
1,3-Dichlorobenzene	ug/L	ND	100	100	34.8	72.8	35	73	10-110	71	R1
1,3-Dinitrobenzene	ug/L	ND	100	100	62.4	72.8	62	73	50-150	15	
1,4-Dichlorobenzene	ug/L	ND	100	100	35.9	74.0	36	74	10-110	69	R1
1,4-Naphthoquinone	ug/L	ND	100	100	68.7	76.7	69	77	50-150	11	
1-Naphthalenamine	ug/L	ND	100	100	55.6	72.3	56	72	50-150	26	
2,3,4,6-Tetrachlorophenol	ug/L	ND	100	100	155	181	155	181	50-150	15	M0
2,4,5-Trichlorophenol	ug/L	ND	100	100	59.6	81.4	60	81	19-105	31	R1
2,4,6-Trichlorophenol	ug/L	ND	100	100	52.2	76.6	52	77	13-108	38	R1
2,4-Dichlorophenol	ug/L	ND	100	100	33.9	61.4	34	61	29-111	58	R1
2,4-Dimethylphenol	ug/L	ND	100	100	33.9	61.5	34	62	21-103	58	R1
2,4-Dinitrophenol	ug/L	ND	500	500	314	185	63	37	10-109	52	R1
2,4-Dinitrotoluene	ug/L	ND	100	100	79.8	88.8	80	89	27-104	11	
2,6-Dichlorophenol	ug/L	ND	100	100	53.9	96.1	54	96	50-150	56	R1
2,6-Dinitrotoluene	ug/L	ND	100	100	74.3	85.1	74	85	28-101	14	
2-Acetylaminofluorene	ug/L	ND	100	100	97.6	114	98	114	50-150	15	
2-Chloronaphthalene	ug/L	ND	100	100	48.6	84.9	49	85	14-102	54	R1
2-Chlorophenol	ug/L	ND	100	100	28.7	63.2	29	63	16-110	75	R1
2-Methylnaphthalene	ug/L	ND	100	100	35.9	63.9	36	64	13-110	56	R1
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	31.4	67.9	31	68	19-110	73	R1
2-Naphthalenamine	ug/L	ND	100	100	51.6	79.8	52	80	50-150	43	R1
2-Nitroaniline	ug/L	ND	200	200	123	147	62	74	26-103	18	
2-Nitrophenol	ug/L	ND	100	100	29.8	59.9	30	60	20-110	67	R1
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	26.9	55.3	27	55	20-110	69	R1
3,3'-Dichlorobenzidine	ug/L	ND	500	500	113	133	23	27	25-112	17	M1
3,3'-Dimethylbenzidine	ug/L	ND	200	200	38.6	60.3	19	30	50-150	44	M1,R1
3-Methylcholanthrene	ug/L	ND	100	100	76.3	84.6	76	85	50-150	10	
3-Nitroaniline	ug/L	ND	200	200	116	134	58	67	29-110	14	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	130	143	65	71	10-117	9	
4-Aminobiphenyl	ug/L	ND	100	100	33.6	34.4	34	34	50-150	2	M1
4-Bromophenylphenyl ether	ug/L	ND	100	100	59.4	67.9	59	68	20-105	13	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065332 1065333

Parameter	Units	92174785028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Chloro-3-methylphenol	ug/L	ND	200	200	106	127	53	63	22-110	18	
4-Chloroaniline	ug/L	ND	200	200	64.5	109	32	54	20-100	51	R1
4-Chlorophenylphenyl ether	ug/L	ND	100	100	62.7	78.8	63	79	19-102	23	
4-Nitroaniline	ug/L	ND	200	200	125	144	62	72	29-110	14	
4-Nitrophenol	ug/L	ND	500	500	258	282	52	56	10-110	9	
5-Nitro-o-toluidine	ug/L	ND	100	100	107	122	107	122	50-150	13	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	100	100	65.3	72.7	65	73	50-150	11	
Acenaphthene	ug/L	ND	100	100	56.5	79.2	56	79	17-100	34	R1
Acenaphthylene	ug/L	ND	100	100	53.3	76.1	53	76	21-100	35	R1
Acetophenone	ug/L	ND	100	100	29.0	58.6	29	59	50-150	67	M1,R1
Anthracene	ug/L	ND	100	100	68.1	76.1	68	76	24-109	11	
Benzo(a)anthracene	ug/L	ND	100	100	74.6	83.3	75	83	22-117	11	
Benzo(a)pyrene	ug/L	ND	100	100	77.0	84.6	77	85	23-104	9	
Benzo(b)fluoranthene	ug/L	ND	100	100	81.0	89.6	81	90	23-103	10	
Benzo(g,h,i)perylene	ug/L	ND	100	100	73.2	81.1	73	81	18-111	10	
Benzo(k)fluoranthene	ug/L	ND	100	100	77.0	83.4	77	83	22-113	8	
Benzyl alcohol	ug/L	ND	200	200	59.5	123	30	61	19-101	69	R1
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	31.2	60.0	31	60	22-110	63	R1
bis(2-Chloroethyl) ether	ug/L	ND	100	100	27.2	57.1	27	57	16-110	71	R1
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	14.2J	29.8	14	30	14-110		
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	77.4	86.3	77	86	23-102	11	
Butylbenzylphthalate	ug/L	ND	100	100	75.9	83.4	76	83	25-110	9	
Chlorobenzilate	ug/L	ND	100	100	75.0	81.7	75	82	50-150	9	
Chrysene	ug/L	ND	100	100	78.5	86.8	79	87	23-115	10	
Di-n-butylphthalate	ug/L	ND	100	100	77.0	84.5	77	85	26-110	9	
Di-n-octylphthalate	ug/L	ND	100	100	75.9	86.0	76	86	22-110	12	
Diallate	ug/L	ND	100	100	60.4	65.5	60	66	50-150	8	
Dibenz(a,h)anthracene	ug/L	ND	100	100	74.4	80.9	74	81	21-112	8	
Dibenzofuran	ug/L	ND	100	100	55.4	72.1	55	72	19-102	26	
Diethylphthalate	ug/L	ND	100	100	82.9	90.8	83	91	29-110	9	
Dimethoate	ug/L	ND	100	100	65.5	72.1	66	72	50-150	9	
Dimethylphthalate	ug/L	ND	100	100	81.2	92.0	81	92	27-110	12	
Diphenylamine	ug/L	ND	100	100	52.1	60.5	52	61	50-150	15	
Disulfoton	ug/L	ND	100	100	62.7	70.9	63	71	50-150	12	
Ethyl methanesulfonate	ug/L	ND	100	100	35.7J	76.8	36	77	50-150		M1
Famphur	ug/L	ND	200	200	201	189	101	95	50-150	6	
Fluoranthene	ug/L	ND	100	100	74.0	83.2	74	83	23-112	12	
Fluorene	ug/L	ND	100	100	69.3	84.0	69	84	22-104	19	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	43.1	92.0	43	92	10-110	72	R1
Hexachlorobenzene	ug/L	ND	100	100	80.0	92.4	80	92	21-116	14	
Hexachlorocyclopentadiene	ug/L	ND	100	100	50.2	134	50	134	10-110	91	M1,R1
Hexachloroethane	ug/L	ND	100	100	38.8	84.0	39	84	10-110	74	R1
Hexachloropropene	ug/L	ND	100	100	59.9	130	60	130	50-150	74	R1
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	77.0	83.3	77	83	20-113	8	
Isodrin	ug/L	ND	100	100	79.4	85.7	79	86	50-150	8	
Isophorone	ug/L	ND	100	100	40.1	65.9	40	66	50-150	49	M1,R1

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065332 1065333

Parameter	Units	92174785028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Isosafrole	ug/L	ND	100	100	45.2	74.7	45	75	50-150	49	M1,R1
Kepone	ug/L	ND	200	200	ND	ND	0	0	50-150		M0
Methapyrilene	ug/L	ND	100	100	ND	18.6J	8	19	50-150		M0
Methyl methanesulfonate	ug/L	ND	100	100	34.2	70.1	34	70	50-150	69	M1,R1
Methyl parathion	ug/L	ND	100	100	68.9	74.9	69	75	50-150	8	
N-Nitroso-di-n-butylamine	ug/L	ND	100	100	61.3	79.9	61	80	50-150	26	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	33.7	65.9	34	66	21-105	65	R1
N-Nitrosodiethylamine	ug/L	ND	100	100	34.9J	74.2	35	74	50-150		M1
N-Nitrosodimethylamine	ug/L	ND	100	100	24.9	53.0	25	53	10-110	72	R1
N-Nitrosodiphenylamine	ug/L	ND	100	100	52.1	60.5	52	61	23-107	15	
N-Nitrosomethylethylamine	ug/L	ND	100	100	33.8	71.9	34	72	50-150	72	M1,R1
N-Nitrosopiperidine	ug/L	ND	100	100	42.1	73.5	42	73	50-150	54	M1,R1
N-Nitrosopyrrolidine	ug/L	ND	100	100	36.3	60.8	36	61	50-150	50	M1,R1
Naphthalene	ug/L	ND	100	100	31.8	61.2	32	61	10-110	63	R1
Nitrobenzene	ug/L	ND	100	100	33.9	65.3	34	65	20-110	63	R1
O,O,O-Triethylphosphorothioate	ug/L	ND	100	100	51.3	104	51	104	50-150	68	R1
O-Toluidine	ug/L	ND	100	100	27.6	56.3	28	56	50-150	68	M1,R1
P-Dimethylaminoazobenzene	ug/L	ND	200	200	33.8	40.7	17	20	50-150	19	M1
p-Phenylenediamine	ug/L	ND	100	100	105	102	105	102	50-150	3	
Parathion (Ethyl parathion)	ug/L	ND	100	100	70.2	79.1	70	79	50-150	12	
Pentachlorobenzene	ug/L	ND	100	100	82.0	113	82	113	50-150	32	R1
Pentachloronitrobenzene	ug/L	ND	100	100	93.4	103	93	103	50-150	10	
Pentachlorophenol	ug/L	ND	500	500	121	145	24	29	10-118	18	
Phenacetin	ug/L	ND	100	100	66.9	75.1	67	75	50-150	12	
Phenanthrene	ug/L	ND	100	100	68.4	75.0	68	75	24-106	9	
Phenol	ug/L	ND	100	100	22.4	49.6	22	50	12-110	75	R1
Phorate	ug/L	ND	100	100	64.8	72.7	65	73	50-150	11	
Pronamide	ug/L	ND	100	100	85.6	95.3	86	95	50-150	11	
Pyrene	ug/L	ND	100	100	71.7	76.5	72	77	24-114	7	
Safrole	ug/L	ND	100	100	53.3	97.2	53	97	50-150	58	R1
Thionazin	ug/L	ND	100	100	76.7	81.2	77	81	50-150	6	
2,4,6-Tribromophenol (S)	%						75	87	27-110		
2-Fluorobiphenyl (S)	%						44	79	27-110		
2-Fluorophenol (S)	%						23	51	12-110		
Nitrobenzene-d5 (S)	%						34	67	21-110		
Phenol-d6 (S)	%						19	43	10-110		
Terphenyl-d14 (S)	%						52	49	31-107		

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: WET/27621 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

METHOD BLANK: 1066509 Matrix: Water
Associated Lab Samples: 92174785015, 92174785019, 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	10/16/13 14:03	

LABORATORY CONTROL SAMPLE: 1066510

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	.5	0.52	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066511 1066512

Parameter	Units	92174785015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfide	mg/L	ND	.5	.5	0.47	0.47	89	88	75-125	0	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: WETA/16800 — Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E — Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92174785015, 92174785019

METHOD BLANK: 1069443 — Matrix: Water
Associated Lab Samples: 92174785015, 92174785019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.0050	10/21/13 15:31	

LABORATORY CONTROL SAMPLE: 1069444

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.11	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1069445 — 1069446

Parameter	Units	92175329006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	ND	.1	.1	0.11	0.10	102	98	75-125	3	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1069447 — 1069448

Parameter	Units	92175405001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	0.0072	.1	.1	0.12	0.11	108	101	75-125	7	

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QUALITY CONTROL DATA

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

QC Batch: WETA/16801 — Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E — Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92174785027, 92174785028

METHOD BLANK: 1069449 — Matrix: Water
Associated Lab Samples: 92174785027, 92174785028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.0050	10/21/13 16:18	

LABORATORY CONTROL SAMPLE: 1069450

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.084	84	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1069451 — 1069452

Parameter	Units	92175142007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	<0.0050	.1	.1	0.088	0.084	84	80	75-125	5	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1069453 — 1069454

Parameter	Units	92175745001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	ND	.1	.1	0.086	0.077	81	72	75-125	11	M1

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QUALIFIERS

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

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.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte
PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M3	Matrix spike recovery was outside laboratory control limits due to matrix interferences.
R1	RPD value was outside control limits.
R2	RPD value was outside control limits due to matrix interference

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92174785001	**SW-1**		FLD/		
92174785002	**SW-2**		FLD/		
92174785003	**SW-3**		FLD/		
92174785004	**SW-4**		FLD/		
92174785005	**SW-5**		FLD/		
92174785006	**Leachate**		FLD/		
92174785007	**LD-1**		FLD/		
92174785008	**LD-2**		FLD/		
92174785009	**LD-3**		FLD/		
92174785010	**LD-4**		FLD/		
92174785011	**LD-5**		FLD/		
92174785012	**LD-6**		FLD/		
92174785013	**Leachate LD**		FLD/		
92174785015	**MW-3**		FLD/		
92174785016	**MW-5**		FLD/		
92174785017	**MW-5D**		FLD/		
92174785018	**MW-6**		FLD/		
92174785019	**MW-7**		FLD/		
92174785020	**MW-10**		FLD/		
92174785021	**MW-10D**		FLD/		
92174785022	**MW-11**		FLD/		
92174785023	**MW-11D**		FLD/		
92174785024	**MW-13**		FLD/		
92174785025	**MW-13D**		FLD/		
92174785027	**MW-1**		FLD/		
92174785028	**MW-1D**		FLD/		
92174785029	**MW-4**		FLD/		
92174785030	**MW-4D**		FLD/		
92174785031	**MW-12**		FLD/		
92174785032	**MW-12D**		FLD/		
92174785033	**MW-15S**		FLD/		
92174785034	**MW-15D**		FLD/		
92174785035	**MW-2**		FLD/		
92174785036	**MW-2D**		FLD/		
92174785037	**MW-8**		FLD/		
92174785038	**MW-8D**		FLD/		
92174785039	**MW-14**		FLD/		
92174785040	**MW-14D**		FLD/		
92174785015	**MW-3**	EPA 3510	OEXT/24197	EPA 8081	GCSV/15748
92174785019	**MW-7**	EPA 3510	OEXT/24197	EPA 8081	GCSV/15748
92174785027	**MW-1**	EPA 3510	OEXT/24273	EPA 8081	GCSV/15779
92174785028	**MW-1D**	EPA 3510	OEXT/24273	EPA 8081	GCSV/15779
92174785015	**MW-3**	EPA 3510	OEXT/24221	EPA 8082	GCSV/15755
92174785019	**MW-7**	EPA 3510	OEXT/24221	EPA 8082	GCSV/15755
92174785027	**MW-1**	EPA 3510	OEXT/24269	EPA 8082	GCSV/15761
92174785028	**MW-1D**	EPA 3510	OEXT/24269	EPA 8082	GCSV/15761

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92174785015	**MW-3**	EPA 8151	OEXT/14611	EPA 8151	GCSV/9712
92174785019	**MW-7**	EPA 8151	OEXT/14611	EPA 8151	GCSV/9712
92174785027	**MW-1**	EPA 8151	OEXT/14611	EPA 8151	GCSV/9712
92174785028	**MW-1D**	EPA 8151	OEXT/14611	EPA 8151	GCSV/9712
92174785001	**SW-1**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785002	**SW-2**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785003	**SW-3**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785004	**SW-4**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785005	**SW-5**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785006	**Leachate**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785007	**LD-1**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785008	**LD-2**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785009	**LD-3**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785010	**LD-4**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785011	**LD-5**	EPA 3010	MPRP/14369	EPA 6010	ICP/13062
92174785012	**LD-6**	EPA 3010	MPRP/14391	EPA 6010	ICP/13076
92174785013	**Leachate LD**	EPA 3010	MPRP/14391	EPA 6010	ICP/13076
92174785016	**MW-5**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785017	**MW-5D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785018	**MW-6**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785020	**MW-10**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785021	**MW-10D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785022	**MW-11**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785023	**MW-11D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785024	**MW-13**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785025	**MW-13D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785029	**MW-4**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785030	**MW-4D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785031	**MW-12**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785032	**MW-12D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785033	**MW-15S**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785034	**MW-15D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92174785035	**MW-2**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92174785036	**MW-2D**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92174785037	**MW-8**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92174785038	**MW-8D**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92174785039	**MW-14**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92174785040	**MW-14D**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92174785041	**Equipment Blank**	EPA 3010	MPRP/14452	EPA 6010	ICP/13139
92174785015	**MW-3**	EPA 3010	MPRP/14418	EPA 6010	ICP/13101
92174785019	**MW-7**	EPA 3010	MPRP/14418	EPA 6010	ICP/13101
92174785027	**MW-1**	EPA 3010	MPRP/14418	EPA 6010	ICP/13101
92174785028	**MW-1D**	EPA 3010	MPRP/14418	EPA 6010	ICP/13101
92174785015	**MW-3**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92174785019	**MW-7**	EPA 7470	MERP/5687	EPA 7470	MERC/5506

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92174785027	**MW-1**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92174785028	**MW-1D**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92174785015	**MW-3**	EPA 3510	OEXT/24208	EPA 8270	MSSV/8300
92174785019	**MW-7**	EPA 3510	OEXT/24208	EPA 8270	MSSV/8300
92174785027	**MW-1**	EPA 3510	OEXT/24242	EPA 8270	MSSV/8312
92174785028	**MW-1D**	EPA 3510	OEXT/24242	EPA 8270	MSSV/8312
92174785001	**SW-1**	EPA 8260	MSV/24477		
92174785002	**SW-2**	EPA 8260	MSV/24477		
92174785003	**SW-3**	EPA 8260	MSV/24477		
92174785004	**SW-4**	EPA 8260	MSV/24477		
92174785005	**SW-5**	EPA 8260	MSV/24477		
92174785006	**Leachate**	EPA 8260	MSV/24477		
92174785007	**LD-1**	EPA 8260	MSV/24477		
92174785008	**LD-2**	EPA 8260	MSV/24477		
92174785009	**LD-3**	EPA 8260	MSV/24477		
92174785010	**LD-4**	EPA 8260	MSV/24477		
92174785011	**LD-5**	EPA 8260	MSV/24485		
92174785012	**LD-6**	EPA 8260	MSV/24485		
92174785013	**Leachate LD**	EPA 8260	MSV/24477		
92174785014	**TVL BLK**	EPA 8260	MSV/24477		
92174785015	**MW-3**	EPA 8260	MSV/24530		
92174785016	**MW-5**	EPA 8260	MSV/24530		
92174785017	**MW-5D**	EPA 8260	MSV/24530		
92174785018	**MW-6**	EPA 8260	MSV/24530		
92174785019	**MW-7**	EPA 8260	MSV/24530		
92174785020	**MW-10**	EPA 8260	MSV/24530		
92174785021	**MW-10D**	EPA 8260	MSV/24530		
92174785022	**MW-11**	EPA 8260	MSV/24530		
92174785023	**MW-11D**	EPA 8260	MSV/24530		
92174785024	**MW-13**	EPA 8260	MSV/24530		
92174785025	**MW-13D**	EPA 8260	MSV/24530		
92174785027	**MW-1**	EPA 8260	MSV/24559		
92174785028	**MW-1D**	EPA 8260	MSV/24559		
92174785029	**MW-4**	EPA 8260	MSV/24559		
92174785030	**MW-4D**	EPA 8260	MSV/24559		
92174785031	**MW-12**	EPA 8260	MSV/24559		
92174785032	**MW-12D**	EPA 8260	MSV/24559		
92174785033	**MW-15S**	EPA 8260	MSV/24559		
92174785034	**MW-15D**	EPA 8260	MSV/24559		
92174785035	**MW-2**	EPA 8260	MSV/24559		
92174785036	**MW-2D**	EPA 8260	MSV/24559		
92174785037	**MW-8**	EPA 8260	MSV/24559		
92174785038	**MW-8D**	EPA 8260	MSV/24559		
92174785039	**MW-14**	EPA 8260	MSV/24559		
92174785040	**MW-14D**	EPA 8260	MSV/24559		

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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. New LF Fall 2013
Pace Project No.: 92174785

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92174785041	**Equipment Blank**	EPA 8260	MSV/24576		
92174785042	**Travel Blank**	EPA 8260	MSV/24576		
92174785015	**MW-3**	SM 4500-S2D	WET/27621		
92174785019	**MW-7**	SM 4500-S2D	WET/27621		
92174785027	**MW-1**	SM 4500-S2D	WET/27621		
92174785028	**MW-1D**	SM 4500-S2D	WET/27621		
92174785015	**MW-3**	SM 4500-CN-E	WETA/16800		
92174785019	**MW-7**	SM 4500-CN-E	WETA/16800		
92174785027	**MW-1**	SM 4500-CN-E	WETA/16801		
92174785028	**MW-1D**	SM 4500-CN-E	WETA/16801		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of

1747412

Section A Required Client Information:

Company: BCS BUNC New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed H. Hon
Copy To:
Purchase Order No.:
Project Name: SW's New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH	Cyanide	VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	SW-1					10-4-13	1200		4			1	3					Y	Y	Y		-001
2	SW-2					10-4	1220		4			1	3					Y	Y	Y		-002
3	SW-3					10-4	1440		4			1	3					Y	Y	Y		-003
4	SW-4					10-4	1305		4			1	3					Y	Y	Y		-004
5	SW-5					10-4	1245		4			1	3					Y	Y	Y		-005
6	Leachate					10-4	1345		4			1	3					Y	Y	Y		-006
7																						
8	TVL BLK																					-007
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10-4-13	1600	Mark P. Swan BCS	10-4-13	1600				
	Mark P. Swan BCS	10-4-13	1630	Joseph Shed	10/4/13	1630	5.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: Mark P. Swan BCS

DATE Signed (MM/DD/YY): 10-4-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 2 of

1747411

Section A Required Client Information:

Company: SCS - Burke New 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: LDS 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): pH, Total Solids, VOC, Methane

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)	pH	Total Solids	VOC	Methane	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD -1					10-4-13	1500		4			1	3						X	X	X			92174785 -008
2	LD -2					10-4	1415		4			1	3						X	X	X			-009
3	LD -3					10-4	1550		4			1	3						X	X	X			-010
4	LD -4					10-4	1530		4			1	3						X	X	X			-011
5	LD -5					10-4	1330		4			1	3						X	X	X			-012
6	LD -6					10-4	1515		4			1	3						X	X	X			-013
7	Leachate LD					10-4	1400		4			1	3						X	X	X			-014
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-4-13	1600	[signature] Pasi	10-4-13	1600				
	[signature] Pasi	10-4-13	1630	Joseph Sheridan	10/4/13	1630	5.2	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 O. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-4-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #2- 80344039

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 5.2 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/4/13 J.G.

		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: Water		
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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

WO#: 92174785

92174785

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 1

1747462

Section A Required Client Information:

Company: Burns New 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 MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes — MATRIX / CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appx I VOC	Appx I metals	Appx II list	Appx III VOC	Appx III metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-3					10-9-13	1205		12	6		1	3	2				X	X	~~X~~	X		X			92174785
2	MW-5					10-9	1300		4			1	3					X	X	X	X					-015
3	MW-5D					10-9	1315		4			1	3					X	X	X	X					-016
4	MW-6					10-9	1320		4			1	3					X	X	X	X					-017
5	MW-7					10-9	1345		12			1	3					X	X			X	X			-018
6	MW-10					10-9	1100		4			1	3					X	X	X	X					-019
7	MW 100					10-9	1110		4			1	3					X	X	X	X					-020
8	MW-11					10-9	1400		4			1	3					X	X	X	X					-021
9	MW-110					10-9	1410		4			1	3					X	X	X	X					-023
10	MW-13					10-9	1135		4			1	3					X	X	X	X					-024
11	MW-13D					10-9	1145		4			1	3					X	X	X	X					-025
12									~~4~~			~~1~~	~~3~~													-026

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-9-13	1700	[signature]	10-9-13	1700				
	[signature]	10-10-13	~~1230~~ 0845	[signature]	10/10	0845	3.2	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:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

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1747464

Section A
Required Client Information:

Company: Bunc Co New LF	
Address:	
Email To:	
Phone:	Fax:
Requested Due Date/TAT:	

Section B
Required Project Information:

Report To:	Ed H. Hton
Copy To:	
Purchase Order No.:	
Project Name:	New LF MW's
Project Number:	

Section C
Invoice Information:

Attention:	
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location
STATE: NC

Section D
Required Client Information

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

Matrix Codes
MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appx I List	Appx II List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	MW-1					10-10-13	1145		12	6		1	3	2				X	X		X		~~-027~~
2	MW-1D					10-10	1200		12	0		1	3	2				X	X		X		~~-028~~
3	MW-4					10-10	1300		4			1	3					X	X	X			-029
4	MW-4D					10-10	1315		4			1	3					X	X	X			-030
5	MW-12					10-10	1405		4			1	3					X	X	X			-031
6	MW-12D					10-10	1420		4			1	3					X	X	X			-032
7	MW-15S					10-10	1335		4			1	3					X	X	X			-033
8	MW-15D					10-10	1345		4			1	3					X	X	X			-034
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-10-13	1545	[signature]	10-10-13	1545				
	[signature]	10-10-13	1610	[signature]	10/11	09:20	4.0	Y	N	Y

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

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-10-13

ORIGINAL

*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.

1698031

Section A Required Client Information:

Company: Bunc Co Newf
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: MW's New LF
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☑ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

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

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

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	Composite Start TIME	Composite End/GRAB DATE	Composite End/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Fld	Static Hg	Appendix I List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92174785
1	MW-2					10-11-13	1015		4			1	3					X	X	X		035
2	MW-2D					10-11	1030		4			1	3					X	X	X		036
3	MW-8					10-11	1315		4			1	3					X	X	X		037
4	MW-8D					10-11	1300		4			1	3					X	X	X		038
5	MW-14					10-11	1110		4			1	3					X	X	X		039
6	MW-14D					10-11	1130		4			1	3					X	X	X		040
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		10-11-13	1330	[signature]	10-11-13	1330				
	[signature]	10-11-13	1455	[signature]	10/11	1455	3.4	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-11-13

ORIGINAL

*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: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: (IR Gun#3 -130265963) IR Gun #2- 80344039 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 5.2 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/4/13 JCS.

		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: Water		
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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

OR

Handwrite project number (if no label available)

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10-2013

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location Buncombe Co New LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
10-10	1145		MW-1	66.58	6.5	15.0	150	1.83		CLEAR, NO ODOR
10-10	1200		MW-1D	69.11	7.1	15.8	221	1.73		CLEAR, NO ODOR Dead ANTS IN well
10-11	1015		MW-2	8.46	6.0	16.1	178	1.12		CLEAR, NO ODOR
10-11	1030		MW-2D	7.98	6.7	15.0	252	0.58		CLEAR NO ODOR
10-9	1205		MW-3	29.23	6.1	17.4	342	5.33		CLEAR to CLOUDY, NO ODOR
10-10	1300		MW-4	13.89	6.4	17.2	217	0.47		CLEAR, NO ODOR
10-10	1315		MW-40	14.51	6.5	16.3	265	4.95		CLEAR, NO ODOR
10-9	1300		MW-5	34.94	6.4	16.7	205	2.55		CLEAR, NO ODOR
			~~MW-~~							
10-9	1315		MW-5D	36.95	6.5	17.3	204	2.84		CLEAR, NO ODOR
10-9	1320		MW-6	25.71	6.2	17.0	144	1.18		CLEAR NO ODOR

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10-2013

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location Bunc New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)		Comments
10-9-13	1345	MB	MW-7	43.27	6.3	17.1	716	2.12		CLEAR, SLIGHT ODOR
10-11	1315		MW-8	32.17	6.5	15.7	296	11.8		CLEAR, NO ODOR
10-11	1300		MW-8D	31.04	6.4	17.0	365	0.36		CLEAR, NO ODOR
10-9	1100		MW-10	69.58	6.3	16.6	317	2.63		CLEAR, NO ODOR
10-9	1110		MW-10D	70.28	6.7	16.5	282	1.83		CLEAR NO ODOR
10-9	1400		MW-11	32.13	6.7	15.6	394	0.90		CLEAR NO ODOR
10-9	1410		MW-11D	32.80	6.6	15.2	403	0.47		CLEAR, NO ODOR
10-10	1405		MW-12	13.03	6.3	18.0	761	1.05		CLEAR, NO ODOR
10-10	1420		MW-12D 12D	12.42	6.5	17.0	374	4.95		CLEAR, NO ODOR

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10-2013

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Bunc Co New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~ TURB	Comments
10-9	1135	MPJ	MW-13	3.97	6.7	17.7	479	~~2.63~~	2.64	CLEAR, SLIGHT ODOR
10-9	1145		MW-13D	5.67	6.4	17.6	481	~~1.80~~	2.87	CLEAR, SLIGHT ODOR
10-11	1110		MW-14	30.61	6.3	15.1	202	~~0.90~~	6.70	CLEAR, NO ODOR
10-11	1130		MW-14D	30.82	7.0	14.4	272	~~0.43~~	0.98	CLEAR NO ODOR
10-11	1335		MW-15S	22.09	6.0	17.2	253	~~1.07~~	1.58	CLEAR NO ODOR
10-11	1345		MW-15D	26.89	6.3	15.8	521		4.72	CLEAR NO ODOR
		G								

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

10.2013

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location Bunc New LF SW's & [illegible]

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
10.4	1200	MCI	SW-1		7.1	18.5	193	4.39		Clear, Low Flow
	1210		SW-2		7.7	16.2	157	3.92		Clear Low Flow
	1440		SW-3		9.1	28.7	167	1.81		Clear Low Flow
	1305		SW-4		7.9	23.7	301	7.33		Clear Low Flow
	1245		SW-5		8.2	21.7	~~[illegible]~~ 1543	5.33		Strong Flow Slight Stain
	1345		Leachate		8.5	29.7	3246	9.97		Cloudy Green Tint Slight odor

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

LD 3

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Sunset LD New LF

Date	Time	Sampled	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-4-15	1500	MM	LD - 1		5.4	18.0	206	0.79		CLEAR, NO ODOR
	1145		LD - 2		5.7	20.6	315	1.70		CLEAR, NO ODOR
	1550		LD - 3		6.1	19.9	420	4.79		CLEAR, SLIGHT ODOR
	1530		LD - 4		5.6	20.0	202	5.06		DARK TINT PARTICLES ORGANIC ODOR
	1330		LD - 5		6.2	22.6	871	19.6		DINGY, NO ODOR
	1515		LD - 6		6.4	20.6	747	5.08		CLEAR NO ODOR
	1400		Leachate LD		4.9	21.8	690	1.32		CLEAR NO ODOR

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1747463

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burc New LF	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: / Fax:	Project Name: CA MW's New LF	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CA

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): Field + DO	Static H_2O	TDS	Sorbitol Cl-	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. P2175548
1	MW-1					10-10-13	1145		2	2								X	X	X	X	X		-001
2	MW-10					10-10	1200		2	2								X	X	X	X	X		-002
3	MW-12					10-10	1405		2	2								X	X	X	X	X		-003
4	MW 14D					10-10	1420		2	2								X	X	X	X	X		-004
5	MW-15S					10-10	1335		2	2								X	X	X	X	X		-005
6	MW-15D					10-10	1340		2	2								X	X	X	X	X		-006
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-10-13	1545	[signature] Pace	10-10-13	1545				
Get Metals from	[signature] Pace	10-10-13	1610	[signature]	10/11	09:20	4.0	Y	N	Y
App I or App II Metals										
Metals Bottle taken per MW										

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: [signature] DATE Signed (MM/DD/YY): 10-10-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS - Buncombe

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #2- 80344039

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 4.0 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

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

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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

WO# : 92175548

92175548

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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 2

1747465

Section A Required Client Information:

Company: Burc Co New 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: CTD MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CTD

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)

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 + Mn	Static H_2O	TDS	Alk Cl-SO4	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92175548
1	MW-14					10-11-13	1110		2	2								X	X	X	X	Y		-001
2	MW-14D					10-11	1130		2	2								X	X	Y	X	X		-005
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Get Metals From		10-11-13	1130	[signature] Pace	10-11-13	1130				
Appen I Bottles	[signature] Pace	10-11-13	1455	[signature]	10/11	1455	3.8	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWAN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-11-13

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical Services, Inc.
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October 28, 2013

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

RE: Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory on October 11, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Tom Williams

tom.williams@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

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
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

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
West Virginia Certification #: 356
Virginia/VELAP Certification #: 460222

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SAMPLE ANALYTE COUNT

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92175548001	**MW-1**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548002	**MW-1D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548003	**MW-12**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548004	**MW-12D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548005	**MW-15S**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548006	**MW-15D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548007	**MW-14**	EPA 6010	JMW	2	PASI-A

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SAMPLE ANALYTE COUNT

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92175548008	**MW-14D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	MTS	1	PASI-A
		SM 2320B	AES2	1	PASI-A
		SM 2540C	MDW	1	PASI-A
		EPA 300.0	SAE	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-1 **Lab ID: 92175548001** Collected: 10/10/13 11:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:00		
Collected Date	**10/10/13**			1		10/28/13 16:00		
Collected Time	**11:45**			1		10/28/13 16:00		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 16:00		
Field Temperature	**15.0**	deg C	0.50	1		10/28/13 16:00		
Static Water Level	**66.68**	feet		1		10/28/13 16:00		
Field Specific Conductance	**149.7**	umhos/cm	1.0	1		10/28/13 16:00		
Turbidity	**1.83**	NTU	1.0	1		10/28/13 16:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**172**	ug/L	50.0	1	10/15/13 09:40	10/18/13 04:23	7439-89-6	
Manganese	**5.8**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:23	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:03	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**40.6**	mg/L	5.0	1		10/22/13 13:25		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**127**	mg/L	25.0	1		10/14/13 10:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**15.9**	mg/L	2.0	1		10/21/13 18:20	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.6**	mg/L	1.0	1		10/16/13 19:53	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-1D **Lab ID: 92175548002** Collected: 10/10/13 12:00 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:13		
Collected Date	**10/11/13**			1		10/28/13 16:13		
Collected Time	**12:00**			1		10/28/13 16:13		
Field pH	**7.1**	Std. Units	0.10	1		10/28/13 16:13		
Field Temperature	**15.8**	deg C	0.50	1		10/28/13 16:13		
Static Water Level	**69.11**	feet		1		10/28/13 16:13		
Field Specific Conductance	**221.4**	umhos/cm	1.0	1		10/28/13 16:13		
Turbidity	**1.73**	NTU	1.0	1		10/28/13 16:13		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**114**	ug/L	50.0	1	10/15/13 09:40	10/18/13 04:26	7439-89-6	
Manganese	ND	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:26	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:06	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**61.0**	mg/L	5.0	1		10/22/13 13:57		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**153**	mg/L	25.0	1		10/14/13 10:24		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**21.3**	mg/L	2.0	1		10/21/13 19:00	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**2.6**	mg/L	1.0	1		10/16/13 19:54	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-12 **Lab ID: 92175548003** Collected: 10/10/13 14:05 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:14		
Collected Date	**10/10/13**			1		10/28/13 16:14		
Collected Time	**14:05**			1		10/28/13 16:14		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 16:14		
Field Temperature	**18.0**	deg C	0.50	1		10/28/13 16:14		
Static Water Level	**13.03**	feet		1		10/28/13 16:14		
Field Specific Conductance	**761**	umhos/cm	1.0	1		10/28/13 16:14		
Turbidity	**1.02**	NTU	1.0	1		10/28/13 16:14		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**81.1**	ug/L	50.0	1	10/15/13 09:40	10/18/13 04:30	7439-89-6	
Manganese	**134**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:30	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:14	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**144**	mg/L	5.0	1		10/22/13 14:09		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**517**	mg/L	25.0	1		10/14/13 10:24		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**177**	mg/L	20.0	10		10/22/13 09:23	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**24.6**	mg/L	1.0	1		10/16/13 19:55	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-12D **Lab ID: 92175548004** Collected: 10/10/13 14:20 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:15		
Collected Date	**10/10/13**			1		10/28/13 16:15		
Collected Time	**14:20**			1		10/28/13 16:15		
Field pH	**6.5**	Std. Units	0.10	1		10/28/13 16:15		
Field Temperature	**17.0**	deg C	0.50	1		10/28/13 16:15		
Static Water Level	**12.42**	feet		1		10/28/13 16:15		
Field Specific Conductance	**373.9**	umhos/cm	1.0	1		10/28/13 16:15		
Turbidity	**4.95**	NTU	1.0	1		10/28/13 16:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**483**	ug/L	50.0	1	10/15/13 09:40	10/18/13 04:33	7439-89-6	
Manganese	**6.4**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:33	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:17	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**105**	mg/L	5.0	1		10/22/13 14:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**248**	mg/L	25.0	1		10/14/13 10:25		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**59.9**	mg/L	4.0	2		10/22/13 09:36	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**11.5**	mg/L	1.0	1		10/16/13 19:55	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-15S **Lab ID: 92175548005** Collected: 10/10/13 13:35 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:17		
Collected Date	**10/10/13**			1		10/28/13 16:17		
Collected Time	**13:35**			1		10/28/13 16:17		
Field pH	**6.0**	Std. Units	0.10	1		10/28/13 16:17		
Field Temperature	**17.2**	deg C	0.50	1		10/28/13 16:17		
Static Water Level	**22.09**	feet		1		10/28/13 16:17		
Field Specific Conductance	**253.2**	umhos/cm	1.0	1		10/28/13 16:17		
Turbidity	**1.58**	NTU	1.0	1		10/28/13 16:17		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**450**	ug/L	50.0	1	10/15/13 09:40	10/18/13 04:36	7439-89-6	
Manganese	**2890**	ug/L	5.0	1	10/15/13 09:40	10/18/13 04:36	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:19	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**78.1**	mg/L	5.0	1		10/22/13 14:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**150**	mg/L	25.0	1		10/14/13 10:26		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**22.7**	mg/L	2.0	1		10/21/13 19:41	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**10.7**	mg/L	1.0	1		10/16/13 19:56	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-15D **Lab ID: 92175548006** Collected: 10/10/13 13:45 Received: 10/11/13 09:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:18		
Collected Date	**10/10/13**			1		10/28/13 16:18		
Collected Time	**13:45**			1		10/28/13 16:18		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 16:18		
Field Temperature	**15.8**	deg C	0.50	1		10/28/13 16:18		
Static Water Level	**26.89**	feet		1		10/28/13 16:18		
Field Specific Conductance	**521**	umhos/cm	1.0	1		10/28/13 16:18		
Turbidity	**4.72**	NTU	1.0	1		10/28/13 16:18		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**1260**	ug/L	50.0	1	10/15/13 09:40	10/17/13 19:26	7439-89-6	
Manganese	**400**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:26	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:22	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**161**	mg/L	5.0	1		10/22/13 14:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**365**	mg/L	25.0	1		10/14/13 10:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**77.3**	mg/L	10.0	5		10/22/13 09:50	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**18.1**	mg/L	1.0	1		10/16/13 19:57	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-14 **Lab ID: 92175548007** Collected: 10/11/13 11:10 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:19		
Collected Date	**10/11/13**			1		10/28/13 16:19		
Collected Time	**11:10**			1		10/28/13 16:19		
Field pH	**6.3**	Std. Units	0.10	1		10/28/13 16:19		
Field Temperature	**15.1**	deg C	0.50	1		10/28/13 16:19		
Static Water Level	**30.61**	feet		1		10/28/13 16:19		
Field Specific Conductance	**201.7**	umhos/cm	1.0	1		10/28/13 16:19		
Turbidity	**6.70**	NTU	1.0	1		10/28/13 16:19		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**1050**	ug/L	50.0	1	10/15/13 09:40	10/17/13 19:44	7439-89-6	
Manganese	**5.4**	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:44	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:25	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**56.5**	mg/L	5.0	1		10/22/13 14:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**167**	mg/L	25.0	1		10/14/13 10:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**32.2**	mg/L	2.0	1		10/21/13 20:35	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.1**	mg/L	1.0	1		10/16/13 19:57	16887-00-6	

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ANALYTICAL RESULTS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Sample: MW-14D **Lab ID: 92175548008** Collected: 10/11/13 11:30 Received: 10/11/13 14:55 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**MPS**			1		10/28/13 16:20		
Collected Date	**10/11/13**			1		10/28/13 16:20		
Collected Time	**11:30**			1		10/28/13 16:20		
Field pH	**7.0**	Std. Units	0.10	1		10/28/13 16:20		
Field Temperature	**14.4**	deg C	0.50	1		10/28/13 16:20		
Static Water Level	**30.88**	feet		1		10/28/13 16:20		
Field Specific Conductance	**272**	umhos/cm	1.0	1		10/28/13 16:20		
Turbidity	**0.92**	NTU	1.0	1		10/28/13 16:20		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	50.0	1	10/15/13 09:40	10/17/13 19:47	7439-89-6	
Manganese	ND	ug/L	5.0	1	10/15/13 09:40	10/17/13 19:47	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/15/13 16:00	10/22/13 19:27	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**124**	mg/L	5.0	1		10/22/13 15:10		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**194**	mg/L	25.0	1		10/14/13 10:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**15.7**	mg/L	2.0	1		10/21/13 20:49	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**2.1**	mg/L	1.0	1		10/16/13 19:58	16887-00-6	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: MERP/5687 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

METHOD BLANK: 1066151 Matrix: Water
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/22/13 18:42	

LABORATORY CONTROL SAMPLE: 1066152

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.7	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1066153 1066154

Parameter	Units	92174785015 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	2.1	2.0	83	80	75-125	3	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: MPRP/14430 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005

METHOD BLANK: 1065619 Matrix: Water
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	10/18/13 03:05	
Manganese	ug/L	ND	5.0	10/18/13 03:05	

LABORATORY CONTROL SAMPLE: 1065620

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4780	96	80-120	
Manganese	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065621 1065622

Parameter	Units	92174785016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	202	5000	5000	4780	4880	92	94	75-125	2	
Manganese	ug/L	ND	500	500	447	456	89	91	75-125	2	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: MPRP/14431 — Analysis Method: EPA 6010
QC Batch Method: EPA 3010 — Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92175548006, 92175548007, 92175548008

METHOD BLANK: 1065625 — Matrix: Water
Associated Lab Samples: 92175548006, 92175548007, 92175548008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	10/17/13 19:19	
Manganese	ug/L	ND	5.0	10/17/13 19:19	

LABORATORY CONTROL SAMPLE: 1065626

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	5020	100	80-120	
Manganese	ug/L	500	490	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1065627 1065628

Parameter	Units	92175548006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	1260	5000	5000	6340	6340	102	102	75-125	0	
Manganese	ug/L	400	500	500	882	894	96	99	75-125	1	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: WET/27726 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

METHOD BLANK: 1070170 Matrix: Water
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	10/22/13 13:08	

LABORATORY CONTROL SAMPLE: 1070171

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	45.4	91	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1070172 1070173

Parameter	Units	92175548001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Alkalinity, Total as CaCO3	mg/L	40.6	50	50	87.4	87.6	94	94	75-125	0	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: WET/27577 — Analysis Method: SM 2540C
QC Batch Method: SM 2540C — Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

METHOD BLANK: 1065220 — Matrix: Water
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	10/14/13 10:22	

LABORATORY CONTROL SAMPLE: 1065221

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	274	110	80-120	

SAMPLE DUPLICATE: 1065222

Parameter	Units	92175548001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	127	131	3	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: WETA/16776 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

METHOD BLANK: 1067965 — Matrix: Water
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	2.0	10/21/13 17:52	

LABORATORY CONTROL SAMPLE: 1067966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	19.4	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067967 1067968

Parameter	Units	92175548001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	15.9	20	20	36.5	36.5	103	103	90-110	0	

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QUALITY CONTROL DATA

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

QC Batch: WETA/16768 — Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E — Analysis Description: 4500 Chloride
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

METHOD BLANK: 1067312 — Matrix: Water
Associated Lab Samples: 92175548001, 92175548002, 92175548003, 92175548004, 92175548005, 92175548006, 92175548007, 92175548008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	10/16/13 19:43	

LABORATORY CONTROL SAMPLE: 1067313

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	20.0	100	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067314 — 1067315

Parameter	Units	92175647001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	18.0	20	20	38.6	38.7	103	103	75-125	0	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1067316 — 1067317

Parameter	Units	92175649001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	18.7	20	20	38.5	38.5	99	99	75-125	0	

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QUALIFIERS

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

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.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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TNI - The NELAC Institute.

LABORATORIES

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92175548001	**MW-1**		FLD/		
92175548002	**MW-1D**		FLD/		
92175548003	**MW-12**		FLD/		
92175548004	**MW-12D**		FLD/		
92175548005	**MW-15S**		FLD/		
92175548006	**MW-15D**		FLD/		
92175548007	**MW-14**		FLD/		
92175548008	**MW-14D**		FLD/		
92175548001	**MW-1**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92175548002	**MW-1D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92175548003	**MW-12**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92175548004	**MW-12D**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92175548005	**MW-15S**	EPA 3010	MPRP/14430	EPA 6010	ICP/13118
92175548006	**MW-15D**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92175548007	**MW-14**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92175548008	**MW-14D**	EPA 3010	MPRP/14431	EPA 6010	ICP/13117
92175548001	**MW-1**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548002	**MW-1D**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548003	**MW-12**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548004	**MW-12D**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548005	**MW-15S**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548006	**MW-15D**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548007	**MW-14**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548008	**MW-14D**	EPA 7470	MERP/5687	EPA 7470	MERC/5506
92175548001	**MW-1**	SM 2320B	WET/27726		
92175548002	**MW-1D**	SM 2320B	WET/27726		
92175548003	**MW-12**	SM 2320B	WET/27726		
92175548004	**MW-12D**	SM 2320B	WET/27726		
92175548005	**MW-15S**	SM 2320B	WET/27726		
92175548006	**MW-15D**	SM 2320B	WET/27726		
92175548007	**MW-14**	SM 2320B	WET/27726		
92175548008	**MW-14D**	SM 2320B	WET/27726		
92175548001	**MW-1**	SM 2540C	WET/27577		
92175548002	**MW-1D**	SM 2540C	WET/27577		
92175548003	**MW-12**	SM 2540C	WET/27577		
92175548004	**MW-12D**	SM 2540C	WET/27577		
92175548005	**MW-15S**	SM 2540C	WET/27577		
92175548006	**MW-15D**	SM 2540C	WET/27577		
92175548007	**MW-14**	SM 2540C	WET/27577		
92175548008	**MW-14D**	SM 2540C	WET/27577		
92175548001	**MW-1**	EPA 300.0	WETA/16776		
92175548002	**MW-1D**	EPA 300.0	WETA/16776		
92175548003	**MW-12**	EPA 300.0	WETA/16776		
92175548004	**MW-12D**	EPA 300.0	WETA/16776		
92175548005	**MW-15S**	EPA 300.0	WETA/16776		
92175548006	**MW-15D**	EPA 300.0	WETA/16776		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Buncombe Co. C&D LF 2013
Pace Project No.: 92175548

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92175548007	**MW-14**	EPA 300.0	WETA/16776		
92175548008	**MW-14D**	EPA 300.0	WETA/16776		
92175548001	**MW-1**	SM 4500-Cl-E	WETA/16768		
92175548002	**MW-1D**	SM 4500-Cl-E	WETA/16768		
92175548003	**MW-12**	SM 4500-Cl-E	WETA/16768		
92175548004	**MW-12D**	SM 4500-Cl-E	WETA/16768		
92175548005	**MW-15S**	SM 4500-Cl-E	WETA/16768		
92175548006	**MW-15D**	SM 4500-Cl-E	WETA/16768		
92175548007	**MW-14**	SM 4500-Cl-E	WETA/16768		
92175548008	**MW-14D**	SM 4500-Cl-E	WETA/16768		

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1747463

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burc New LF	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: / Fax:	Project Name: CA MW's New LF	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CA

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): Field + DO	Static H_2O	TDS	Sorbitol Cl-	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. P2175548
1	MW-1					10-10-13	1145		2	2								X	X	X	X	X		-001
2	MW-10					10-10	1200		2	2								X	X	X	X	X		-002
3	MW-12					10-10	1405		2	2								X	X	X	X	X		-003
4	MW 14D					10-10	1420		2	2								X	X	X	X	X		-004
5	MW-15S					10-10	1335		2	2								X	X	X	X	X		-005
6	MW-15D					10-10	1340		2	2								X	X	X	X	X		-006
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-10-13	1545	[signature] Pace	10-10-13	1545				
Get Metals from	[signature] Pace	10-10-13	1610	[signature]	10/11	09:20	4.0	Y	N	Y
App I or App II Metals										
Metals Bottle taken per MW										

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: [signature] DATE Signed (MM/DD/YY): 10-10-13

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 4, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.11	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS - Buncombe

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): 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_____

Circle Thermometer Used: IR Gun#3 -130265963 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

IR Gun #2- 80344039

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 4.0 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

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

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	
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:** _____

SRF Review: _____ **Date:** _____

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)

Place label here

WO# : 92175548

92175548

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 2

1747465

Section A Required Client Information:

Company: Burc Co New 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: CTD MW's
Project Number:

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER CTD

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)

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 + Mn	Static H_2O	TDS	Alk Cl-SO4	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92175548
1	MW-14					10-11-13	1110		2	2								X	X	X	X	Y		-001
2	MW-14D					10-11	1130		2	2								X	X	Y	X	X		-005
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Get Metals From		10-11-13	1130	[signature] Pace	10-11-13	1130				
Appen I Bottles	[signature] Pace	10-11-13	1455	[signature]	10/11	1455	3.8	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK C. SWAN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-11-13

ORIGINAL

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F-ALL-Q-020rev.07, 15-May-2007

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
	Document No.: F-AVL-F-004-rev.00	Issuing Authorities: Pace Asheville Quality Office

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Burke co New LF COD Wells ALSO HAVE DO

Date	Time	Samples	Sample ID	~~Water Level (Ft)~~	~~pH (units)~~	~~Temp (°C)~~	~~Specific Conductivity (uhmos)~~	~~Turbidity (NTU)~~	~~ORP~~ DO	Comments
10-10	1145	MCI	MW-1						6.92	
10-10	1200		MW-1A						6.94	
10-9	1405		MW-12						1.74	
10-9	1420		MW-12A						3.07	
10-11	1110		MW-14						7.10	
10-11	1130		MW-14A						9.29	
10-11	1335		MW-15						2.22	
10-11	1345		MW-15A						2.54	