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 1-3, 9, and 21, 2014

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. 12/30/14

Signature | Date

Affix NC Licensed/ Professional Geologist Seal

NORTH CAROLINA PROFESSIONAL SEAL 7909 ENGINEER 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

SPRING 2014 STATISTICAL ANALYSIS

NEW BUNCOMBE COUNTY LANDFILL PERMIT # 11-07

Constituents detected during the fall 2014 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, MW-3R, MW-4 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. MW-3R was installed as a replacement well for MW-3 on July 28, 2014. 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: antimony (MW-13D), cobalt (MW-13 and MW-15S), manganese (MW-12 and MW-15S), sulfate (MW-12), and total dissolved solids (TDS) (MW-12). The concentrations of these exceedances were elevated above recent sampling events. The sulfate exceedance at MW-12 was a first time exceedance. The two-sample test of proportions indicated that the manganese exceedances at MW-12 and MW-15S are statistically significant but the antimony, cobalt, sulfate, and TDS exceedances are not. Antimony, cobalt, manganese, sulfate, and TDS will be monitored for during the spring 2015 sampling event to confirm these exceedances.

Compliance well concentrations exceeded the NCDENR's groundwater quality standard for: antimony (MW-13 and MW-15S), cobalt (MW-13D), iron (MW-12, MW-14, MW-15S, and MW-15D), manganese (MW-12D and MW-15D), vanadium (MW-3R and MW-14). Concentrations of antimony in MW-13 and MW-15S and manganese in MW-12D were elevated above recent sampling events. The remaining detections were consistent with historic concentrations at their respective wells. These exceedances were within the calculated Tolerance Intervals and the two-sample test of proportions indicated these were not statistically significant.

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.

Antimony, cobalt, iron, manganese, and vanadium will be monitored for during the spring 2015 sampling event to confirm these exceedances.

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, October 2013, and April 2014) were likely attributed to landfill gas. A program to gain control of the methane migration in MW-3, MW-7, and three landfill gas probes was completed during 2014. At this time it appears the program was successful, as there were no vinyl chloride detections or exceedances during the fall 2014 monitoring event. MW-3 was not monitored during the fall 2014 monitoring event since it was replaced with MW-3R prior to the sampling event. However, MW-3R was monitored and vinyl chloride was not detected.

Compliance well concentrations fell outside calculated Tolerance Intervals for: 2,4-D (MW-7), alkalinity (MW-12, MW-12D, MW-14D, MW-15S, and MW-15D), sulfate (MW-12D, MW-14, MW-15S, and MW-15D), and TDS (MW-12D, 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.

NCDENR's surface water quality standard for copper was exceeded during the fall 2014 monitoring event at surface water monitoring locations SW-1 and SW-3. Copper will be monitored in the surface water during the spring 2015 monitoring event to confirm these exceedances.

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.

Pace Analytical® www.pacelabs.com	Document Name: **Well Condition Summary**	Document Revised: May 27, 2014	Pace Analytical Services, Inc. 2225 Riverside Drive Asheville, NC 28804
	Document No.: F-ASV-F-008-rev.00	Issuing Authorities: Pace Asheville Quality Office	Phone: 828.254.7176 Fax: 828.252.4618

WELL CONDITION SUMMARY

Site: BUNCOMBE Co NEW LF **Personnel:** MPJ

Date: 10-9-14 **Page** 1 **of** 4

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	
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	GRUNFOS PUMP DISP TFE BAILER	
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
~~MW-2~~ MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-3R	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-4	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co New LF **Personnel:** MB

Date: 10-9-14 **Page** 2 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-7	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	TFE BAILER	
MW-8	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	PUMP DISP TFE BAILER	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co Newle **Personnel:** MPS

Date: 10-9-14 **Page** 3 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	GRUNDFOS PUMP DISP TFE BAILER	
MW 11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW 11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	
MW-12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-12D	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

*Note ponding water, weep holes, or any other [illegible]

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WELL CONDITION SUMMARY

Site: Buncombe Co Newle **Personnel:** MPJ

Date: 10-9-14 **Page** 4 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	CONCRETE PAD AT BASE ROCKS / IS ~~LOOSE FROM GROUND~~ IS SLIGHTLY LOOSE FROM GROUND SLT
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	~~TT~~ GRUNDFOS PUMP DISP TFE BAILER	
MW-15S	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-15d	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co NCW LF **Personnel:** MPJ

Date: 10-9-14 **Page** 1 **of** 4

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	
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Grundfos Pump Disp TFE Bailer	
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
~~MW-2~~ MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-3R	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-4	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE Bailer	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co Newlf **Personnel:** MB

Date: 10-9-14 **Page** 2 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-7	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	TFE BAILER	
MW-8	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	PUMP DISP TFE BAILER	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co Newle **Personnel:** MPS

Date: 10-9-14 **Page** 3 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
mw-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	GRUNDFOS PUMP DISP TFE BAILER	
MW 11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW 11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	
MW-12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-12D	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

*Note ponding water, weep holes, or any other [illegible]

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WELL CONDITION SUMMARY

Site: Buncombe Co NewLF **Personnel:** MPJ

Date: 10-9-14 **Page** 4 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	CONCRETE PAD AT BASE ROCKS IS SLIGHTLY LOOSE FROM GROUND ~~IS LOOSE FROM GROUND~~ SLT
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	~~TT~~ GRUNDFOS PUMP DISC TFE BAILER	
MW-15S	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-15d	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

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

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc Co

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 1.9 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: BDB 10/1/14

		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: WG		
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: JB Date: 10/1/14

SRF Review: JB Date: 10/2/14

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)

WO# : 92219622

92219622

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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

1808498

Section A Required Client Information:

Company: Buncombe Co/SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: 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	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	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	Amp Total	Amp Total Filtered H_2O	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					10-1-14	950		4			1	3					X	X	X	X	001
2	MW-2D					10-1	955		4			1	3					X	X	X	X	002
3	MW-3R					10-1	1050		4			1	3					X	X	X	X	003
4	MW-4					10-1	1105		4			1	3					X	X	X	X	004
5	MW-4D					10-1	1110		4			1	3					X	X	X	X	005
6	MW-5					10-1	1130		4			1	3					X	X	X	X	006
7	MW-5D					10-1	1145		4			1	3					X	X	X	X	007
8	MW-6					10-1	1155		4			1	3					X	X	X	X	008
9	MW-10					10-1	1220		4			1	3					X	X	X	X	009
10	MW-10D					10-1	1230		4			1	3					X	X		X	010
11	MW-11					10-1	1300		4			1	3					X	X	X	X	011
12	MW-11D					10-1	1310		4			1	3					X	X	X	X	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-1-14	1320	[signature]	10-1-14	1320				
	[signature]	10-1-14	1645	[signature]	10/1/14	1645	1.9	4	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SUYAMA

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-1-14

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

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

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc. Co

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_____

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

IR Gun #4 SN:140290365 Other:_____

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

Date and Initials of person examining contents: RDB 10/1/14

		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: WW		
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: JG **Date:** 10/1/14

SRF Review: JG **Date:** 10/2/14

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

92219622 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: 2 of

1808499

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burke Co / SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name:	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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	Composite Start TIME	Composite End/GRAB DATE	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): Full Strip Hg	VOC App IX	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92219622
1	MW-13					10-1-14	1025		4			1	3					X	X	X	X			013
2	MW-13D					10-1-14	1025		4			1	3					X	X	X	X			014
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)
		10-1-14	1320	[signature] Pace	10-1-14	1320				
	[signature] Pace	10-10-14	1640	[signature]	10/11/14	16:40	4.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark L. Swanson

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-1-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Buncombe SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 10/2/14

		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: WW 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: [signature] Date: 10/2/14

SRF Review: [signature] Date: 10/3/14

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

92219622 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.

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Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burc / SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: MW CF MW 13	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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, Sulfate, Hardness	Full Agr II	Agr I Vol	Agr I Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92219622
1	MW-1					10-2-14	955		14	8		1	3	1				X	X				015
2	MW-10					10-2	1015		14	8		1	3	1				X	X				16
3	MW-7					10-2	1130		14	8		1	3	1				X	X				17
4	MW-12					10-2	1305		4			1	3					X		X	X		18
5	MW-12D					10-2	1315		4			1	3					X		X	X		19
6	MW-14					10-2	1235		4			1	3					X		X	X		20
7	MW-14D					10-2	1245		4			1	3					X		X	X		21
8	MW-15S					10-2	1335		4			1	3					X		X	X		22
9	MW-15d					10-2	1345		4			1	3					X		X	X		23
10	MW-8					10-2-14	1545		4			1	3										24
11	MW-8D					10-2	1555		4			1	3										25
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-2-14	1350	[signature] Pace	10-2-14	1350				
	[signature] Pace	10-2-14	1630	[signature]	10/2/14	16:30	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MATT D. SWANSON

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-2-14

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

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

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.6 C

Corrected Cooler Temp.: 5.1 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 10/21/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: JG **Date:** 10/21/14

SRF Review: JG **Date:** 10/22/14

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

92219622

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

1787684

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

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	VOC Appx	Appx Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-4					10-21-14	1540		4			1	3					X	X	X		026
2	SW-7 DRY					10-21-14	1520		0										DRY			
3	TVL BLK					10-21-14	1500		2				2						X			027
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)
pH 7.2		10-21-14	1600	[signature]	10-21-14	1600				
TAL 13.5	[signature]	10-21-14	1620	[signature]	10/21/14	1620	5.1	Y	N	Y
SDIAM 262										
TURB 6.00										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK R. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-21-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract -.1 C

Corrected Cooler Temp.: 3.7,5.8 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/3/14 J.S.

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: JS **Date:** 10/3/14

SRF Review: JS **Date:** 10/6/14

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)

WO#: 92219972

92219972

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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.

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1788483

Section A Required Client Information:

Company: SCS Burlington
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 & Leachate
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

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	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)	All Tox Sampling Tab	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-1					10-3-14	1435		4			1	3						X	X	X		001
2	SW-2					10-3	1410		4			1	3						X	X	X		2
3	SW-3					10-3	1230		4			1	3						X	X	X		3
4	SW-4 DRY NO FLOW					10-3	1045		0			1							DRY				
5	SW-5					10-3	950		4			1	3						X	X	X		4
6	SW-6					10-3	1010		4			1	3						X	X	X		5
7	LEACHATE					10-3	1120		4			1	3						X	X	X		6
8																							
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-3-14	1510	[signature]	10-3-14	1510				
	[signature]	10-3-14	1530	[signature]	10/3/14	1530	3.7	Y	N	Y
							5.8			

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-3-14

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

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

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

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Buncombe

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KDB 10/2/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: JJ Date: 10/2/14

SRF Review: JJ Date: 10/3/14

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# : 92219821

92219821

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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

1808496

Section A Required Client Information:

Company: Buncombe SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: CAD 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

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	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)	Fe + Dissolved	TDS	Alk Cl	SOC	Meth 11	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					10-2-14	955		4	3		1							X	X	X	X	X		92219821
2	MW-1D					10-2	1015		4	3		1							X	X	X	X	X		2
3	MW-12					10-2	1305		4	3		1							X	X	X	X	X		3
4	MW-12D					10-2	1315		4	3		1							X	X	X	X	X		4
5	MW-14					10-2	1235		4	3		1							X	X	X	X	X		5
6	MW-14D					10-2	1245		4	3		1							X	X	X	X	X		6
7	MW 15S					10-2	1335		4	3		1							X	X	X	X	X		7
8	MW-15d					10-2	1345		4	3		1							X	X	X	X	X		8
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-2-14	1350	[signature]	10-2-2014	1350				
	[signature] Cass	10-2-14	1630	[signature]	10/2/14	16:30	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] Cass

DATE Signed (MM/DD/YY): 10-2-14

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

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

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract -.1 c

Corrected Cooler Temp.: 3.7,5.8 c **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/3/14 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. Travel blank, Equip blank
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	No
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: [illegible] Date: 10/3/14

SRF Review: [illegible] Date: 10/6/14

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

WO#: 92219971

92219971

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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

1788467

Section A Required Client Information:
Company: SCS Burlington
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Ed H. Hoar
Copy To:
Purchase Order No.:
Project Name: LD's + Blks
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)

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): All Tox Samples	VOC	Mercury	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD-1					10-3-14	1245		4			1	3					X	X	X		001
2	LD-2					10-3	1150		4			1	3					X	X	X		2
3	LD-3					10-3	1315		4			1	3					X	X	X		3
4	LD-4					10-3	1330		4			1	3					X	X	X		4
5	LD-5					10-3	1100		4			1	3					X	X	X		5
6	LD-6					10-3	1350		4			1	3					X	X	X		6
7	Leachate LD					10-3	1140		4			1	3					X	X	X		7
8																						
9	TVC BLK					10-1-14			2				2						X			9
10	EQV.P BLK					10-1			3			1	2						X	X		8
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-3-14	1510	[signature] Pace	10-3-14	1510				
	[signature] Pace	10-3-14	1530	[signature]	10/3/14	1530	3.7	Y	N	Y
							5.8			

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] Pace
DATE Signed (MM/DD/YY): 10-3-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS resample

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 1.2 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KBB 10/9/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: LD-2 recollected to replace original sample used by analyst (multiple runs with no useable data). KB.

SCURF Review: JJ **Date:** 10/8/14

SRF Review: JJ **Date:** 10/10/14

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

9221997 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 1

1788088

Section A Required Client Information:

Company: Burns & McDonnell SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: LD-2 Resample
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 (Requested Analysis Filtered Y/N): 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~[illegible]~~ LD-2					10-9-14	1530		4				4					N		010
2																				
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)
LEAK DETECTOR -2		10-9-14	1535	[signature] Pace	10-9-14	1535				
Resample	[signature] Pace	10-9-14	1550	[signature]	10/9/14	1550	2.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWAIN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-9-14

*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	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 Buncombe New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	955	MCJ	MW-1	66.42	6.6	14.1	162	8.01		CLEAR to CLOUDY NO ODOR
10-2	1015		MW-1D	68.54	6.8	14.4	181	4.67		CLEAR NO ODOR
10-1	950		MW-2	8.30	5.9	15.0	172	2.31		CLEAR NO ODOR
10-1	955		MW-2D	8.15	6.6	14.8	240	0.90		CLEAR NO ODOR
10-1	1050		MW-3R	~~59.07~~ 56.39	6.3	14.4	191	9.48		CLEAR NO ODOR
10-1	1105		MW-4	14.47	6.2	15.5	210	1.14		CLEAR NO ~~ODOR~~ ODOR
10-1	1120		MW-4D	14.80	6.4	15.1	248	1.70		CLEAR NO ODOR
10-1	1130		MW-5	35.22	6.3	15.7	200	4.96		CLEAR NO ODOR
10-1	1145		MW-5D	37.22	6.2	15.5	~~[illegible]~~ 194	3.30		CLEAR NO ODOR
10-1	1155		MW-6	26.80	6.0	15.0	135	1.16		CLEAR NO ODOR
10-2	1130		MW-7	42.74	6.4	17.2	719	4.99		CLEAR to CLOUDY ORG 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 Burc CO New LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	1545	MPS	MW-8	32.35	6.15	16.8	309	3.36		CLEAR NO ODOR
10-2	1555		MW-8A	30.95	6.4	15.0	376	1.40		CLEAR NO ODOR
10-1	1300		MW-11	33.08	6.6	16.4	374	1.52		CLEAR NO ODOR
10-1	1310		MW-11D	34.06	6.5	15.3	370	1.02		CLEAR NO ODOR
10-2	1305		MW-12	13.02	6.2	17.7	1175	1.85		CLEAR TO CLOUDY NO ODOR
10-2	1315		MW-12A	12.51	6.4	17.2	638	2.52		CLEAR TO CLOUDY NO ODOR
10-1-14	1025		MW-13	6.85	6.6	17.7	383	2.80		CLEAR SLIGHT ODOR
10-1-14	1035		MW 13A	7.40	6.3	17.3	399	1.74		CLEAR SLIGHT ODOR
10-2-14	1235		MW-14	31.11	6.5	15.0	211	12.9		CLEAR TO CLOUDY NO ODOR
10-2	1245		MW-14A	30.99	7.1	13.9	272	1.35		CLEAR NO ODOR
10-2	1335		MW-15s	22.43	6.0	17.6	325	7.23		CLEAR TO CLOUDY NO ODOR
10-2	1345		MW-15d	26.92	6.4	16.1	472	4.12		CLEAR NO ODOR
10-1	1220		MW-10	70.45	6.0	15.9	299	1.11		CLEAR SLIGHT ODOR
10-1	1230		MW-10A	71.23	6.4	15.0	272	2.54		CLEAR NO ODOR

4

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

10-3-14

Pace Analytical Services, Inc

Report Form for Field Monitoring

SW'S NO ODOR

Location BURC New LF SW'S & LD'S

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-3-14	1435	MPI	SW-1		6.5	18.0	196	14.4		CLEAR Sediment LOW FLOW
	1410		SW-2		7.7	16.1	154	3.23		CLEAR Strong FLOW
	1230		SW-3		7.2	18.2	210	4.48		LOW CLEAR
	1045		SW-4		DRY				DRY	—
	950		SW-5		950	16.5	1280	0.57		CLEAR LOW
	1010		SW-6		1010	16.8	234	1.72		CLEAR LOW
	1120		Leachate		1120	19.8	4969	74		DARK Green TINT X ORGANIC ODOR
	1245		LD-1		5.6	17.2	209	1.59		CLEAR NO ODOR
	1150		LD-2		5.8	18.6	329	4.76		CLEAR NO ODOR
	1315		LD-3		6.3	16.4	508	11.4		SLIGHT DARK TINT ORGANIC ODOR
	1330		LD-4		5.6	17.4	172	2.64		CLEAR SOLIDS ORG ODOR
	1100		LD-5		6.1	19.8	760	7.24		CLEAR Rusts SKIN NO ODOR
	1350		LD-6		6.3	18.7	682	5.22		CLEAR NO ODOR
	1140		LEACHATE LD		4.4	18.1	757	0.64		CLEAR NO ODOR

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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 Buncombe Co C&D Mw's. They wanted DO on the C&D wells

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~ DO	~~DO~~	Comments
10-2-14	955	MW-1	MW1	66.42	6.6	14.1	162	8.01	7.6		CLEAR to CLOUDY NO ODOR
	1015	MW-1D		68.54	6.8	14.4	121	4.67	7.4		CLEAR NO ODOR
	1305	MW-12		13.02	6.2	17.7	1175	1.85	1.55		CLEAR to CLOUDY NO ODOR
	1315	MW-12D		12.51	6.4	17.2	638	2.52	1.50		CLEAR to CLOUDY NO ODOR
	1235	MW-14		31.11	6.5	15.0	211	12.9	6.50		CLEAR to CLOUDY NO ODOR
	1245	MW-14D		30.99	7.1	13.9	272	1.35	8.98		CLEAR NO ODOR
	1335	MW-15s		22.43	6.0	17.6	325	7.23	2.81		CLEAR to CLOUDY NO ODOR
	1345	MW 15d		26.92	6.4	16.1	472	4.12	2.68		CLEAR NO ODOR

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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

10-3-14

Pace Analytical Services, Inc

Report Form for Field Monitoring

SW's NO ODOR

Location BURC New LF SW's & LD's

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-3-14	1435	MPI	SW-1		6.5	18.0	196	14.4		CLEAR Sediment LOW FLOW
	1410		SW-2		7.7	16.1	154	3.23		CLEAR Strong FLOW
	1230		SW-3		7.2	18.2	210	4.48		LOW CLEAR
	1045		SW-4		DRY				DRY	—
	950		SW-5		950	16.5	1280	0.57		CLEAR LOW
	1010		SW-6		1010	16.8	234	1.72		CLEAR LOW
	1120		Leachate		1120	19.8	4969	74		DARK Green TINT X ORGANIC ODOR
	1245		LD-1		5.6	17.2	209	1.59		CLEAR NO ODOR
	1150		LD-2		5.8	18.6	329	4.76		CLEAR NO ODOR
	1315		LD-3		6.3	16.4	508	11.4		SLIGHT DARK TINT ORGANIC ODOR
	1330		LD-4		5.6	17.4	172	2.64		CLEAR SOLIDS ORG ODOR
	1100		LD-5		6.1	19.8	760	7.24		CLEAR Rusty SKIN NO ODOR
	1350		LD-6		6.3	18.7	682	5.22		CLEAR NO ODOR
	1140		LEACHATE LD		4.4	18.1	757	0.64		CLEAR NO ODOR

Detections By Date Range

Buncombe County New Facility

From: 10/01/14 **To:** 10/02/14

Site ID	Analyte	Date	Result	
MW-1				
		10/02/14	7.6	mg/L
		10/02/14	5.6	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	50.8	mg/L
	Barium			
		10/02/14	124	ug/L
	Iron			
		10/02/14	3890	ug/L
	Manganese			
		10/02/14	45.6	ug/L
	pH			
		10/02/14	6.6	Std.
	Specific Conductance			
		10/02/14	162	umh
	Static Water Level			
		10/02/14	66.42	feet
	Sulfate			
		10/02/14	21.3	mg/L
	Temperature			
		10/02/14	14.1	deg
	Total Dissolved Solids			
		10/02/14	132	mg/L
	Turbidity			
		10/02/14	8.01	NTU
	Vanadium			
		10/02/14	5.9	ug/L
	Zinc			
		10/02/14	14.4	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.

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Site ID	Analyte	Date	Result	
MW-10				
	Barium			
		10/01/14	129	ug/L
	pH			
		10/01/14	6	Std.
	Specific Conductance			
		10/01/14	299	umh
	Static Water Level			
		10/01/14	70.45	feet
	Temperature			
		10/01/14	15.9	deg
	Turbidity			
		10/01/14	1.11	NTU
MW-10D				
	Barium			
		10/01/14	14.2	ug/L
	Nickel			
		10/01/14	6.9	ug/L
	pH			
		10/01/14	6.4	Std.
	Specific Conductance			
		10/01/14	272	umh
	Static Water Level			
		10/01/14	71.23	feet
	Temperature			
		10/01/14	15	deg
	Turbidity			
		10/01/14	2.54	NTU
MW-11				
	Barium			
		10/01/14	88.7	ug/L
	Nickel			
		10/01/14	6.6	ug/L
	pH			
		10/01/14	6.6	Std.
	Specific Conductance			
		10/01/14	374	umh
	Static Water Level			
		10/01/14	33.08	feet
	Temperature			
		10/01/14	16.4	deg
	Turbidity			
		10/01/14	1.52	NTU

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Site ID	Analyte	Date	Result	
MW-11D				
	Barium			
		10/01/14	14.8	ug/L
	pH			
		10/01/14	6.5	Std.
	Specific Conductance			
		10/01/14	370	umh
	Static Water Level			
		10/01/14	34.06	feet
	Temperature			
		10/01/14	15.3	deg
	Turbidity			
		10/01/14	1.02	NTU
MW-12				
		10/02/14	1.55	mg/L
		10/02/14	69.8	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	250	mg/L
	Barium			
		10/02/14	104	ug/L
	Iron			
		10/02/14	402	ug/L
	Manganese			
		10/02/14	841	ug/L
	Nickel			
		10/02/14	26	ug/L
	pH			
		10/02/14	6.2	Std.
	Specific Conductance			
		10/02/14	1175	umh
	Static Water Level			
		10/02/14	13.02	feet
	Sulfate			
		10/02/14	322	mg/L
	Temperature			
		10/02/14	17.7	deg
	Total Dissolved Solids			
		10/02/14	846	mg/L
	Turbidity			
		10/02/14	1.85	NTU

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Site ID	Analyte	Date	Result	
MW-12D				
		10/02/14	28	mg/L
		10/02/14	1.5	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	164	mg/L
	Barium			
		10/02/14	92.8	ug/L
	Iron			
		10/02/14	273	ug/L
	Manganese			
		10/02/14	151	ug/L
	Nickel			
		10/02/14	11.3	ug/L
	pH			
		10/02/14	6.4	Std.
	Specific Conductance			
		10/02/14	638	umh
	Static Water Level			
		10/02/14	12.51	feet
	Sulfate			
		10/02/14	139	mg/L
	Temperature			
		10/02/14	17.2	deg
	Total Dissolved Solids			
		10/02/14	443	mg/L
	Turbidity			
		10/02/14	2.52	NTU
	Zinc			
		10/02/14	15	ug/L

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Site ID	Analyte	Date	Result	
MW-13				
	Antimony			
		10/01/14	7.4	ug/L
	Barium			
		10/01/14	155	ug/L
	Cobalt			
		10/01/14	42.4	ug/L
	pH			
		10/01/14	6.6	Std.
	Specific Conductance			
		10/01/14	383	umh
	Static Water Level			
		10/01/14	6.15	feet
	Temperature			
		10/01/14	17.7	deg
	Turbidity			
		10/01/14	2.8	NTU
MW-13D				
	Antimony			
		10/01/14	5.4	ug/L
	Barium			
		10/01/14	254	ug/L
	Cobalt			
		10/01/14	23.2	ug/L
	Nickel			
		10/01/14	16.8	ug/L
	pH			
		10/01/14	6.3	Std.
	Specific Conductance			
		10/01/14	399	umh
	Static Water Level			
		10/01/14	7.4	feet
	Temperature			
		10/01/14	17.3	deg
	Turbidity			
		10/01/14	1.74	NTU
	Zinc			
		10/01/14	11.6	ug/L

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Site ID	Analyte	Date	Result	
MW-14				
		10/02/14	3.5	mg/L
		10/02/14	6.5	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	12.9	mg/L
		10/02/14	70.9	mg/L
	Barium			
		10/02/14	56.9	ug/L
	Iron			
		10/02/14	2300	ug/L
	Manganese			
		10/02/14	18.7	ug/L
	pH			
		10/02/14	6.5	Std.
	Specific Conductance			
		10/02/14	211	umh
	Static Water Level			
		10/02/14	31.11	feet
	Sulfate			
		10/02/14	27.7	mg/L
	Temperature			
		10/02/14	15	deg
	Total Dissolved Solids			
		10/02/14	197	mg/L
	Turbidity			
		10/02/14	12.9	NTU
	Vanadium			
		10/02/14	8	ug/L

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Site ID	Analyte	Date	Result	
MW-14D				
		10/02/14	1.9	mg/L
		10/02/14	8.98	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	126	mg/L
	pH			
		10/02/14	7.1	Std.
	Specific Conductance			
		10/02/14	272	umh
	Static Water Level			
		10/02/14	30.99	feet
	Sulfate			
		10/02/14	16.9	mg/L
	Temperature			
		10/02/14	13.9	deg
	Total Dissolved Solids			
		10/02/14	188	mg/L
	Turbidity			
		10/02/14	1.35	NTU

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Site ID	Analyte	Date	Result	
MW-15D				
		10/02/14	11.8	mg/L
		10/02/14	2.68	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	177	mg/L
	Barium			
		10/02/14	129	ug/L
	Iron			
		10/02/14	810	ug/L
	Manganese			
		10/02/14	394	ug/L
	Nickel			
		10/02/14	5.2	ug/L
	pH			
		10/02/14	6.4	Std.
	Specific Conductance			
		10/02/14	472	umh
	Static Water Level			
		10/02/14	26.92	feet
	Sulfate			
		10/02/14	66.3	mg/L
	Temperature			
		10/02/14	16.1	deg
	Total Dissolved Solids			
		10/02/14	324	mg/L
	Turbidity			
		10/02/14	4.12	NTU
	Zinc			
		10/02/14	14.6	ug/L

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Site ID	Analyte	Date	Result	
MW-15S				
		10/02/14	2.81	mg/L
		10/02/14	10.7	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	119	mg/L
	Antimony			
		10/02/14	5.7	ug/L
	Barium			
		10/02/14	186	ug/L
	Cobalt			
		10/02/14	56.6	ug/L
	Iron			
		10/02/14	2100	ug/L
	Manganese			
		10/02/14	5690	ug/L
	Nickel			
		10/02/14	9.4	ug/L
	pH			
		10/02/14	6	Std.
	Specific Conductance			
		10/02/14	325	umh
	Static Water Level			
		10/02/14	22.43	feet
	Sulfate			
		10/02/14	31	mg/L
	Temperature			
		10/02/14	17.6	deg
	Total Dissolved Solids			
		10/02/14	193	mg/L
	Turbidity			
		10/02/14	7.23	NTU

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Site ID	Analyte	Date	Result	
MW-1D				
		10/02/14	2	mg/L
		10/02/14	7.7	mg/L
	Alkalinity, Total as CaCO3			
		10/02/14	60.2	mg/L
	Barium			
		10/02/14	32.2	ug/L
	Iron			
		10/02/14	120	ug/L
	pH			
		10/02/14	6.8	Std.
	Specific Conductance			
		10/02/14	181	umh
	Static Water Level			
		10/02/14	68.54	feet
	Sulfate			
		10/02/14	22.8	mg/L
	Temperature			
		10/02/14	14.4	deg
	Total Dissolved Solids			
		10/02/14	142	mg/L
	Turbidity			
		10/02/14	4.67	NTU
MW-2				
	Barium			
		10/01/14	110	ug/L
	pH			
		10/01/14	5.9	Std.
	Specific Conductance			
		10/01/14	172	umh
	Static Water Level			
		10/01/14	8.7	feet
	Temperature			
		10/01/14	15	deg
	Turbidity			
		10/01/14	2.31	NTU
	Zinc			
		10/01/14	16.7	ug/L

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Site ID	Analyte	Date	Result	
MW-2D				
	Barium			
		10/01/14	86.2	ug/L
	pH			
		10/01/14	6.6	Std.
	Specific Conductance			
		10/01/14	240	umh
	Static Water Level			
		10/01/14	8.15	feet
	Temperature			
		10/01/14	14.8	deg
	Turbidity			
		10/01/14	0.9	NTU
MW-3R				
	Barium			
		10/01/14	159	ug/L
	Chromium			
		10/01/14	9.6	ug/L
	Nickel			
		10/01/14	10.7	ug/L
	pH			
		10/01/14	6.3	Std.
	Specific Conductance			
		10/01/14	191	umh
	Static Water Level			
		10/01/14	56.39	feet
	Temperature			
		10/01/14	14.4	deg
	Turbidity			
		10/01/14	9.48	NTU
	Vanadium			
		10/01/14	12.1	ug/L
MW-4				
	Barium			
		10/01/14	67	ug/L
	pH			
		10/01/14	6.2	Std.
	Specific Conductance			
		10/01/14	210	umh
	Static Water Level			
		10/01/14	14.47	feet
	Temperature			
		10/01/14	15.5	deg
	Turbidity			
		10/01/14	1.14	NTU

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Site ID	Analyte	Date	Result	
MW-4D				
	Barium			
		10/01/14	27.5	ug/L
	pH			
		10/01/14	6.4	Std.
	Specific Conductance			
		10/01/14	248	umh
	Static Water Level			
		10/01/14	14.8	feet
	Temperature			
		10/01/14	15.1	deg
	Turbidity			
		10/01/14	1.7	NTU
MW-5				
	Barium			
		10/01/14	104	ug/L
	pH			
		10/01/14	6.3	Std.
	Specific Conductance			
		10/01/14	200	umh
	Static Water Level			
		10/01/14	35.22	feet
	Temperature			
		10/01/14	15.7	deg
	Turbidity			
		10/01/14	4.96	NTU
MW-5D				
	Barium			
		10/01/14	61.8	ug/L
	pH			
		10/01/14	6.2	Std.
	Specific Conductance			
		10/01/14	194	umh
	Static Water Level			
		10/01/14	37.22	feet
	Temperature			
		10/01/14	15.5	deg
	Turbidity			
		10/01/14	3.3	NTU

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Site ID	Analyte	Date	Result	
MW-6				
	Barium			
		10/01/14	50.4	ug/L
	pH			
		10/01/14	6	Std.
	Specific Conductance			
		10/01/14	135	umh
	Static Water Level			
		10/01/14	26.8	feet
	Temperature			
		10/01/14	15	deg
	Turbidity			
		10/01/14	1.16	NTU
MW-7				
	1,1-Dichloroethane			
		10/02/14	1.8	ug/L
	2,4-D			
		10/02/14	10.3	ug/L
	Barium			
		10/02/14	178	ug/L
	Nickel			
		10/02/14	10.4	ug/L
	pH			
		10/02/14	6.4	Std.
	Specific Conductance			
		10/02/14	719	umh
	Static Water Level			
		10/02/14	42.74	feet
	Temperature			
		10/02/14	17.2	deg
	Turbidity			
		10/02/14	4.99	NTU

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Site ID	Analyte	Date	Result	
MW-8				
	Barium			
		10/02/14	108	ug/L
	Nickel			
		10/02/14	5.6	ug/L
	pH			
		10/02/14	6.5	Std.
	Specific Conductance			
		10/02/14	309	umh
	Static Water Level			
		10/02/14	32.35	feet
	Temperature			
		10/02/14	16.8	deg
	Turbidity			
		10/02/14	3.36	NTU
MW-8D				
	Barium			
		10/02/14	148	ug/L
	pH			
		10/02/14	6.4	Std.
	Specific Conductance			
		10/02/14	376	umh
	Static Water Level			
		10/02/14	30.95	feet
	Temperature			
		10/02/14	15	deg
	Turbidity			
		10/02/14	1.2	NTU

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Exceedances by Date Range

Buncombe County New Facility

From: 10/01/14 ***To:*** 10/02/14

Site ID	Analyte			Date	Result	
MW-1						
	Iron					
	MCL:	300	ug/L			
				10/02/14	3890	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/02/14	5.9	ug/L
MW-12						
	Iron					
	MCL:	300	ug/L			
				10/02/14	402	ug/L
	Manganese					
	MCL:	50	ug/L			
				10/02/14	841	ug/L
MW-12D						
	Manganese					
	MCL:	50	ug/L			
				10/02/14	151	ug/L
MW-13						
	Antimony					
	MCL:	1	ug/L			
				10/01/14	7.4	ug/L
	Cobalt					
	MCL:	1	ug/L			
				10/01/14	42.4	ug/L
MW-13D						
	Antimony					
	MCL:	1	ug/L			
				10/01/14	5.4	ug/L
	Cobalt					
	MCL:	1	ug/L			
				10/01/14	23.2	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.

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Site ID	Analyte			Date	Result	
MW-14						
	Iron					
	MCL:	300	ug/L			
				10/02/14	2300	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				10/02/14	8	ug/L
MW-15D						
	Iron					
	MCL:	300	ug/L			
				10/02/14	810	ug/L
	Manganese					
	MCL:	50	ug/L			
				10/02/14	394	ug/L
MW-15S						
	Antimony					
	MCL:	1	ug/L			
				10/02/14	5.7	ug/L
	Cobalt					
	MCL:	1	ug/L			
				10/02/14	56.6	ug/L
	Iron					
	MCL:	300	ug/L			
				10/02/14	2100	ug/L
	Manganese					
	MCL:	50	ug/L			
				10/02/14	5690	ug/L
MW-3R						
	Vanadium					
	MCL:	0.3	ug/L			
				10/01/14	12.1	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.

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Table 1. October 2014 Field Parameter Table
New Buncombe County Landfill, Buncombe County, North Carolina.

Well ID	Dissolved Oxygen (mg/L)	Field pH (S.U.)	Field Specific Conductance (umhos/cm)	Field Temperature (deg. C)	Turbidity (NTU)
LD1	---	5.6	209	17.2	1.59
LD2	---	5.8	329	18.6	4.76
LD3	---	6.3	508	16.4	11.40
LD4	---	5.6	172	17.4	2.64
LD5	---	6.1	760	19.8	7.24
LD6	---	6.3	682	18.7	5.22
LEACHATE LD	---	4.4	757	18.1	0.64
MW-1	7.60	6.6	162	14.1	8.01
MW-1D	7.70	6.8	181	14.4	4.67
MW-2	---	5.9	172	15.0	2.31
MW-2D	---	6.6	240	14.8	0.90
MW-3R	---	6.3	191	14.4	9.48
MW-4	---	6.2	210	15.5	1.14
MW-4D	---	6.4	248	15.1	1.70
MW-5	---	6.3	200	15.7	4.96
MW-5D	---	6.2	194	15.5	3.30
MW-6	---	6.0	135	15.0	1.16
MW-7	---	6.4	719	17.2	4.99
MW-8	---	6.5	309	16.8	3.36
MW-8D	---	6.4	376	15.0	1.20
MW-10	---	6.0	299	15.9	1.11
MW-10D	---	6.4	272	15.0	2.54
MW-11	---	6.6	374	16.4	1.52
MW-11D	---	6.5	370	15.3	1.02
MW-12	1.55	6.2	1175	17.7	1.85
MW-12D	1.50	6.4	638	17.2	2.52
MW-13	---	6.6	383	17.7	2.80
MW-13D	---	6.3	399	17.3	1.74
MW-14	6.50	6.5	211	15.0	12.90
MW-14D	8.98	7.1	272	13.9	1.35
MW-15D	2.68	6.4	472	16.1	4.12
MW-15S	2.81	6.0	325	17.6	7.23
SW-1	---	6.5	196	18.0	14.40
SW-2	---	7.7	154	16.1	3.23
SW-3	---	7.2	210	18.2	4.48
SW-4	---	7.2	262	13.5	6.00
SW-5	---	9.5	1280	16.5	0.57
SW-6	---	10.1	234	16.8	1.72

Notes:

Non-Parametric Tolerance Interval

Parameter: 1,1-Dichloroethane

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

Total Percent Non-Detects = 97.3529%
Background measurements (n) = 32
Maximum Background Concentration = 2.5
Minimum Coverage = 91.1%
Average Coverage = 96.9697%

Location	Date	Value	Significant
MW-5	04/13/98	ND<0.5 U	FALSE
MW-5	11/11/98	ND<0.5 U	FALSE
MW-5	04/26/99	ND<0.5 U	FALSE
MW-5	11/02/99	ND<0.5 U	FALSE
MW-5	04/03/00	ND<0.5 U	FALSE
MW-5	11/06/00	ND<2.5 U	FALSE
MW-5	10/22/01	ND<1 U	FALSE
MW-5	04/29/02	ND<0.5 U	FALSE
MW-5	03/24/03	ND<2.5 U	FALSE
MW-5	09/29/03	ND<0.5 U	FALSE
MW-5	03/30/04	ND<0.5 U	FALSE
MW-5	09/27/04	ND<0.5 U	FALSE
MW-5	04/12/05	ND<0.5 U	FALSE
MW-5	09/26/05	ND<0.5 U	FALSE
MW-5	03/24/06	ND<0.5 U	FALSE
MW-5	09/26/06	ND<0.5 U	FALSE
MW-5	03/27/07	ND<0.5 U	FALSE
MW-5	09/27/07	ND<0.5 U	FALSE
MW-5	03/26/08	ND<0.16 U	FALSE
MW-5	09/30/08	ND<0.5 U	FALSE
MW-5	03/26/09	ND<0.5 U	FALSE
MW-5	10/02/09	ND<0.5 U	FALSE
MW-5	04/02/10	ND<0.5 U	FALSE
MW-5	10/06/10	ND<0.5 U	FALSE
MW-5	03/25/11	ND<0.5 U	FALSE
MW-5	10/05/11	ND<0.5 U	FALSE
MW-5	04/05/12	ND<0.5 U	FALSE
MW-5	10/03/12	ND<0.5 U	FALSE
MW-5	04/11/13	ND<0.16 U	FALSE
MW-5	10/09/13	ND<0.5 U	FALSE
MW-5	04/17/14	ND<0.5 U	FALSE
MW-5	10/01/14	ND<0.5 U	FALSE
MW-6	04/13/98	ND<0.5 U	FALSE
MW-6	11/11/98	ND<0.5 U	FALSE
MW-6	04/26/99	ND<0.5 U	FALSE
MW-6	11/02/99	ND<0.5 U	FALSE
MW-6	04/03/00	ND<0.5 U	FALSE
MW-6	11/06/00	ND<2.5 U	FALSE
MW-6	10/22/01	ND<1 U	FALSE
MW-6	04/29/02	ND<0.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	09/29/03	ND<0.5 U	FALSE

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MW-6	03/30/04	ND<0.5 U	FALSE
MW-6	09/27/04	ND<0.5 U	FALSE
MW-6	04/12/05	ND<0.5 U	FALSE
MW-6	09/26/05	ND<0.5 U	FALSE
MW-6	03/24/06	ND<0.5 U	FALSE
MW-6	09/26/06	ND<0.5 U	FALSE
MW-6	03/27/07	ND<0.5 U	FALSE
MW-6	09/27/07	ND<0.5 U	FALSE
MW-6	03/26/08	ND<0.16 U	FALSE
MW-6	09/30/08	ND<0.5 U	FALSE
MW-6	03/26/09	ND<0.5 U	FALSE
MW-6	10/02/09	ND<0.5 U	FALSE
MW-6	04/02/10	ND<0.5 U	FALSE
MW-6	10/06/10	ND<0.5 U	FALSE
MW-6	03/25/11	ND<0.5 U	FALSE
MW-6	10/05/11	ND<0.5 U	FALSE
MW-6	04/04/12	ND<0.5 U	FALSE
MW-6	10/03/12	ND<0.5 U	FALSE
MW-6	04/09/13	ND<0.16 U	FALSE
MW-6	10/09/13	ND<0.5 U	FALSE
MW-6	04/11/14	ND<0.5 U	FALSE
MW-6	10/01/14	ND<0.5 U	FALSE

MW-7	04/13/98	ND<0.5 U	FALSE
MW-7	11/11/98	ND<0.5 U	FALSE
MW-7	04/26/99	ND<0.5 U	FALSE
MW-7	11/02/99	ND<0.5 U	FALSE
MW-7	04/03/00	ND<0.5 U	FALSE
MW-7	11/06/00	ND<2.5 U	FALSE
MW-7	10/22/01	ND<1 U	FALSE
MW-7	04/29/02	ND<0.5 U	FALSE
MW-7	03/25/03	ND<2.5 U	FALSE
MW-7	09/29/03	ND<0.5 U	FALSE
MW-7	03/30/04	ND<0.5 U	FALSE
MW-7	09/27/04	ND<0.5 U	FALSE
MW-7	04/12/05	ND<0.5 U	FALSE
MW-7	09/26/05	ND<0.5 U	FALSE
MW-7	03/24/06	ND<0.5 U	FALSE
MW-7	09/26/06	ND<0.5 U	FALSE
MW-7	03/27/07	ND<0.5 U	FALSE
MW-7	09/27/07	ND<0.5 U	FALSE
MW-7	03/26/08	ND<0.16 U	FALSE
MW-7	09/26/08	ND<0.5 U	FALSE
MW-7	03/26/09	ND<0.5 U	FALSE
MW-7	10/01/09	ND<0.5 U	FALSE
MW-7	04/02/10	ND<0.5 U	FALSE
MW-7	10/06/10	1.8	FALSE
MW-7	03/25/11	2.2	FALSE
MW-7	10/05/11	2.1	FALSE
MW-7	04/04/12	2.1	FALSE
MW-7	10/03/12	2.3	FALSE
MW-7	**04/09/13**	**2.8**	**TRUE**
MW-7	**10/09/13**	**3**	**TRUE**
MW-7	04/11/14	2.5	FALSE
MW-7	10/02/14	1.8	FALSE

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MW-2	04/15/98	ND<0.5 U	FALSE
MW-2	11/11/98	ND<0.5 U	FALSE
MW-2	04/27/99	ND<0.5 U	FALSE
MW-2	11/02/99	ND<0.5 U	FALSE
MW-2	04/04/00	ND<0.5 U	FALSE
MW-2	11/06/00	ND<2.5 U	FALSE
MW-2	10/22/01	ND<1 U	FALSE
MW-2	04/29/02	ND<0.5 U	FALSE
MW-2	03/24/03	ND<2.5 U	FALSE
MW-2	09/29/03	ND<0.5 U	FALSE
MW-2	03/29/04	ND<0.5 U	FALSE
MW-2	09/27/04	ND<0.5 U	FALSE
MW-2	04/11/05	ND<0.5 U	FALSE
MW-2	09/26/05	ND<0.5 U	FALSE
MW-2	03/23/06	ND<0.5 U	FALSE
MW-2	09/28/06	ND<0.5 U	FALSE
MW-2	03/27/07	ND<0.5 U	FALSE
MW-2	09/28/07	ND<0.5 U	FALSE
MW-2	03/26/08	ND<0.16 U	FALSE
MW-2	09/29/08	ND<0.5 U	FALSE
MW-2	03/26/09	ND<0.5 U	FALSE
MW-2	10/01/09	ND<0.5 U	FALSE
MW-2	04/06/10	ND<0.5 U	FALSE
MW-2	10/08/10	ND<0.5 U	FALSE
MW-2	03/25/11	ND<0.5 U	FALSE
MW-2	10/05/11	ND<0.5 U	FALSE
MW-2	04/04/12	ND<0.5 U	FALSE
MW-2	10/05/12	ND<0.5 U	FALSE
MW-2	04/10/13	ND<0.16 U	FALSE
MW-2	10/11/13	ND<0.5 U	FALSE
MW-2	04/17/14	ND<0.5 U	FALSE
MW-2	10/01/14	ND<0.5 U	FALSE

MW-4	04/15/98	ND<0.5 U	FALSE
MW-4	11/09/98	ND<0.5 U	FALSE
MW-4	04/26/99	ND<0.5 U	FALSE
MW-4	11/01/99	ND<0.5 U	FALSE
MW-4	04/04/00	ND<0.5 U	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	10/22/01	ND<1 U	FALSE
MW-4	04/29/02	ND<0.5 U	FALSE
MW-4	03/24/03	ND<2.5 U	FALSE
MW-4	09/30/03	ND<0.5 U	FALSE
MW-4	03/29/04	ND<0.5 U	FALSE
MW-4	09/27/04	ND<0.5 U	FALSE
MW-4	04/11/05	ND<0.5 U	FALSE
MW-4	09/26/05	ND<0.5 U	FALSE
MW-4	03/24/06	ND<0.5 U	FALSE
MW-4	09/27/06	ND<0.5 U	FALSE
MW-4	03/27/07	ND<0.5 U	FALSE
MW-4	09/28/07	ND<0.5 U	FALSE
MW-4	03/26/08	ND<0.16 U	FALSE
MW-4	09/29/08	ND<0.5 U	FALSE
MW-4	03/26/09	ND<0.5 U	FALSE
MW-4	10/02/09	ND<0.5 U	FALSE

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MW-4	04/06/10	ND<0.5 U	FALSE
MW-4	10/07/10	ND<0.5 U	FALSE
MW-4	03/29/11	ND<0.5 U	FALSE
MW-4	10/05/11	ND<0.5 U	FALSE
MW-4	04/05/12	ND<0.5 U	FALSE
MW-4	10/04/12	ND<0.5 U	FALSE
MW-4	04/10/13	ND<0.16 U	FALSE
MW-4	10/10/13	ND<0.5 U	FALSE
MW-4	04/11/14	ND<0.5 U	FALSE
MW-4	10/01/14	ND<0.5 U	FALSE

MW-8	04/17/98	ND<0.5 U	FALSE
MW-8	11/10/98	ND<0.5 U	FALSE
MW-8	04/26/99	ND<0.5 U	FALSE
MW-8	11/01/99	ND<0.5 U	FALSE
MW-8	04/03/00	ND<0.5 U	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	10/22/01	ND<1 U	FALSE
MW-8	01/14/02	ND<2.5 U	FALSE
MW-8	04/29/02	ND<0.5 U	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	09/30/03	ND<0.5 U	FALSE
MW-8	03/30/04	ND<0.5 U	FALSE
MW-8	09/27/04	ND<0.5 U	FALSE
MW-8	04/12/05	ND<0.5 U	FALSE
MW-8	09/27/05	ND<0.5 U	FALSE
MW-8	03/23/06	ND<0.5 U	FALSE
MW-8	09/26/06	ND<0.5 U	FALSE
MW-8	03/27/07	ND<0.5 U	FALSE
MW-8	09/28/07	ND<0.5 U	FALSE
MW-8	03/27/08	ND<0.16 U	FALSE
MW-8	09/29/08	ND<0.5 U	FALSE
MW-8	03/25/09	ND<0.5 U	FALSE
MW-8	10/05/09	ND<0.5 U	FALSE
MW-8	04/06/10	ND<0.5 U	FALSE
MW-8	10/08/10	ND<0.5 U	FALSE
MW-8	03/29/11	ND<0.5 U	FALSE
MW-8	10/06/11	ND<0.5 U	FALSE
MW-8	04/06/12	ND<0.5 U	FALSE
MW-8	10/05/12	ND<0.5 U	FALSE
MW-8	04/09/13	ND<0.16 U	FALSE
MW-8	10/11/13	ND<0.5 U	FALSE
MW-8	04/16/14	ND<0.5 U	FALSE
MW-8	10/02/14	ND<0.5 U	FALSE

MW-11	04/29/02	ND<0.5 U	FALSE
MW-11	03/25/03	ND<2.5 U	FALSE
MW-11	09/29/03	ND<0.5 U	FALSE
MW-11	03/30/04	ND<0.5 U	FALSE
MW-11	09/27/04	ND<0.5 U	FALSE
MW-11	04/12/05	ND<0.5 U	FALSE
MW-11	09/26/05	ND<0.5 U	FALSE
MW-11	03/23/06	ND<0.5 U	FALSE
MW-11	09/26/06	ND<0.5 U	FALSE
MW-11	03/27/07	ND<0.5 U	FALSE

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MW-11	09/27/07	ND<0.5 U	FALSE
MW-11	03/27/08	ND<0.16 U	FALSE
MW-11	09/30/08	ND<0.5 U	FALSE
MW-11	03/26/09	ND<0.5 U	FALSE
MW-11	10/05/09	ND<0.5 U	FALSE
MW-11	04/06/10	ND<0.5 U	FALSE
MW-11	10/08/10	ND<0.5 U	FALSE
MW-11	03/29/11	ND<0.5 U	FALSE
MW-11	10/05/11	ND<0.5 U	FALSE
MW-11	04/06/12	ND<0.5 U	FALSE
MW-11	10/05/12	ND<0.5 U	FALSE
MW-11	04/09/13	ND<0.16 U	FALSE
MW-11	10/09/13	ND<0.5 U	FALSE
MW-11	04/17/14	ND<0.5 U	FALSE
MW-11	10/01/14	ND<0.5 U	FALSE

MW-10	04/30/02	ND<0.5 U	FALSE
MW-10	03/25/03	ND<2.5 U	FALSE
MW-10	09/30/03	ND<0.5 U	FALSE
MW-10	03/30/04	ND<0.5 U	FALSE
MW-10	09/27/04	ND<0.5 U	FALSE
MW-10	04/12/05	ND<0.5 U	FALSE
MW-10	09/27/05	ND<0.5 U	FALSE
MW-10	03/23/06	ND<0.5 U	FALSE
MW-10	09/26/06	ND<0.5 U	FALSE
MW-10	03/27/07	ND<0.5 U	FALSE
MW-10	09/27/07	ND<0.5 U	FALSE
MW-10	03/26/08	ND<0.16 U	FALSE
MW-10	09/26/08	ND<0.5 U	FALSE
MW-10	03/26/09	ND<0.5 U	FALSE
MW-10	10/01/09	ND<0.5 U	FALSE
MW-10	04/02/10	ND<0.5 U	FALSE
MW-10	10/07/10	ND<0.5 U	FALSE
MW-10	03/29/11	ND<0.5 U	FALSE
MW-10	10/05/11	ND<0.5 U	FALSE
MW-10	04/04/12	ND<0.5 U	FALSE
MW-10	10/03/12	ND<0.5 U	FALSE
MW-10	04/11/13	ND<0.16 U	FALSE
MW-10	10/09/13	ND<0.5 U	FALSE
MW-10	04/11/14	ND<0.5 U	FALSE
MW-10	10/01/14	ND<0.5 U	FALSE

MW-12	03/25/03	ND<2.5 U	FALSE
MW-12	09/30/03	ND<0.5 U	FALSE
MW-12	03/30/04	ND<0.5 U	FALSE
MW-12	09/27/04	ND<0.5 U	FALSE
MW-12	04/11/05	ND<0.5 U	FALSE
MW-12	09/27/05	ND<0.5 U	FALSE
MW-12	03/27/06	ND<0.5 U	FALSE
MW-12	09/27/06	ND<0.5 U	FALSE
MW-12	03/27/07	ND<0.5 U	FALSE
MW-12	09/28/07	ND<0.5 U	FALSE
MW-12	03/27/08	ND<0.16 U	FALSE
MW-12	09/30/08	ND<0.5 U	FALSE
MW-12	03/26/09	ND<0.5 U	FALSE

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MW-12	10/02/09	ND<0.5 U	FALSE
MW-12	04/06/10	ND<0.5 U	FALSE
MW-12	10/07/10	ND<0.5 U	FALSE
MW-12	03/29/11	ND<0.5 U	FALSE
MW-12	10/06/11	ND<0.5 U	FALSE
MW-12	04/05/12	ND<0.5 U	FALSE
MW-12	10/05/12	ND<0.5 U	FALSE
MW-12	04/11/13	ND<0.16 U	FALSE
MW-12	10/10/13	ND<0.5 U	FALSE
MW-12	04/11/14	ND<0.5 U	FALSE
MW-12	10/02/14	ND<0.5 U	FALSE
MW-13	09/27/05	ND<0.5 U	FALSE
MW-13	03/27/06	ND<0.5 U	FALSE
MW-13	09/28/06	ND<0.5 U	FALSE
MW-13	03/27/07	ND<0.5 U	FALSE
MW-13	09/28/07	ND<0.5 U	FALSE
MW-13	03/27/08	ND<0.16 U	FALSE
MW-13	09/29/08	ND<0.5 U	FALSE
MW-13	03/26/09	ND<0.5 U	FALSE
MW-13	10/02/09	ND<0.5 U	FALSE
MW-13	04/02/10	ND<0.5 U	FALSE
MW-13	10/07/10	ND<0.5 U	FALSE
MW-13	03/25/11	ND<0.5 U	FALSE
MW-13	10/06/11	ND<0.5 U	FALSE
MW-13	04/05/12	ND<0.5 U	FALSE
MW-13	10/04/12	ND<0.5 U	FALSE
MW-13	04/09/13	ND<0.16 U	FALSE
MW-13	10/09/13	ND<0.5 U	FALSE
MW-13	04/17/14	ND<0.5 U	FALSE
MW-13	10/01/14	ND<0.5 U	FALSE
MW-14	09/27/06	ND<0.5 U	FALSE
MW-14	03/27/07	ND<0.5 U	FALSE
MW-14	09/28/07	ND<0.5 U	FALSE
MW-14	03/27/08	ND<0.16 U	FALSE
MW-14	09/30/08	ND<0.5 U	FALSE
MW-14	03/26/09	ND<0.5 U	FALSE
MW-14	10/02/09	ND<0.5 U	FALSE
MW-14	04/06/10	ND<0.5 U	FALSE
MW-14	10/07/10	ND<0.5 U	FALSE
MW-14	03/29/11	ND<0.5 U	FALSE
MW-14	10/06/11	ND<0.5 U	FALSE
MW-14	04/05/12	ND<0.5 U	FALSE
MW-14	10/05/12	ND<0.5 U	FALSE
MW-14	04/11/13	ND<0.16 U	FALSE
MW-14	10/11/13	ND<0.5 U	FALSE
MW-14	04/11/14	ND<0.5 U	FALSE
MW-14	10/02/14	ND<0.5 U	FALSE
MW-15S	10/10/13	ND<0.5 U	FALSE
MW-15S	04/11/14	ND<0.5 U	FALSE
MW-15S	10/02/14	ND<0.5 U	FALSE

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MW-3R	07/29/14	ND<0.5 U	FALSE
MW-3R	10/01/14	ND<0.5 U	FALSE

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Non-Parametric Tolerance Interval

Parameter: 2,4-D

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

Total Percent Non-Detects = 75%
Background measurements (n) = 4
Maximum Background Concentration = 0.47
Minimum Coverage = 47.3%
Average Coverage = 80%

Location	Date	Value	Significant
MW-11	04/09/13	ND<0.115 U	FALSE
MW-13	04/09/13	ND<0.115 U	FALSE
MW-6	04/09/13	ND<0.115 U	FALSE
MW-7	**04/09/13**	**46**	**TRUE**
MW-7	**10/09/13**	**20.8**	**TRUE**
MW-7	**04/11/14**	**11.3**	**TRUE**
MW-7	**10/02/14**	**10.3**	**TRUE**
MW-8	04/09/13	ND<0.115 U	FALSE
MW-2	04/10/13	ND<0.115 U	FALSE
MW-4	04/10/13	ND<0.115 U	FALSE
MW-10	04/11/13	ND<0.115 U	FALSE
MW-5	04/11/13	ND<0.115 U	FALSE

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Two-Sample Test of Proportions

Parameter: 2,4-D

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 4
Compliance measurements = 12
Comparison Level = 70

0 background measurements exceed 70
0 compliance measurements exceed 70

p background = 0 = 0 / 4
p compliance = 0 = 0 / 12
p total = 0 = 0 / 16

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 12
m(1-Pb = 4 < 5.0

Divide by zero error.

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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) = 6
Maximum Background Concentration = 50800
Minimum Coverage = 60.7%
Average Coverage = 85.7143%

Location	Date	Value	Significant
MW-12	03/29/11	142000	TRUE
MW-12	10/06/11	168000	TRUE
MW-12	04/05/12	129000	TRUE
MW-12	10/10/13	144000	TRUE
MW-12	04/11/14	113000	TRUE
MW-12	10/02/14	250000	TRUE
MW-14	03/29/11	73300	TRUE
MW-14	10/06/11	66700	TRUE
MW-14	04/05/12	63500	TRUE
MW-14	10/11/13	56500	TRUE
MW-14	04/11/14	55800	TRUE
MW-14	10/02/14	12900	FALSE
MW-15S	10/10/13	78100	TRUE
MW-15S	04/11/14	101000	TRUE
MW-15S	10/02/14	119000	TRUE

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Non-Parametric Tolerance Interval

Parameter: Antimony

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

Total Percent Non-Detects = 95.2381%
Background measurements (n) = 34
Maximum Background Concentration = 8.3
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	04/13/98	ND<2.5 U	FALSE
MW-5	11/11/98	ND<2.5 U	FALSE
MW-5	04/26/99	ND<2.5 U	FALSE
MW-5	11/02/99	ND<2.5 U	FALSE
MW-5	04/03/00	ND<2.5 U	FALSE
MW-5	11/06/00	ND<5 U	FALSE
MW-5	04/30/01	ND<5 U	FALSE
MW-5	10/22/01	ND<5 U	FALSE
MW-5	04/29/02	ND<5 U	FALSE
MW-5	10/28/02	ND<5 U	FALSE
MW-5	03/24/03	ND<5 U	FALSE
MW-5	09/29/03	ND<2.5 U	FALSE
MW-5	03/30/04	ND<2.5 U	FALSE
MW-5	09/27/04	ND<2.5 U	FALSE
MW-5	04/12/05	6.8	FALSE
MW-5	09/26/05	ND<2.5 U	FALSE
MW-5	03/24/06	ND<2.5 U	FALSE
MW-5	09/26/06	ND<2.5 U	FALSE
MW-5	03/27/07	ND<3 U	FALSE
MW-5	09/27/07	ND<2.5 U	FALSE
MW-5	03/26/08	ND<1.3 U	FALSE
MW-5	09/30/08	ND<2.5 U	FALSE
MW-5	03/26/09	ND<2.5 U	FALSE
MW-5	10/02/09	ND<2.5 U	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	04/11/13	ND<1.3 U	FALSE
MW-5	10/09/13	ND<2.5 U	FALSE
MW-5	04/17/14	ND<2.5 U	FALSE
MW-5	10/01/14	ND<2.5 U	FALSE
MW-6	04/13/98	ND<2.5 U	FALSE
MW-6	11/11/98	ND<2.5 U	FALSE
MW-6	04/26/99	ND<2.5 U	FALSE
MW-6	11/02/99	ND<2.5 U	FALSE
MW-6	04/03/00	ND<2.5 U	FALSE
MW-6	11/06/00	ND<5 U	FALSE
MW-6	04/30/01	ND<5 U	FALSE
MW-6	**10/22/01**	**11**	**TRUE**

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MW-6	04/29/02	ND<5 U	FALSE
MW-6	10/28/02	ND<5 U	FALSE
MW-6	03/25/03	ND<5 U	FALSE
MW-6	09/29/03	ND<2.5 U	FALSE
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	09/27/04	ND<2.5 U	FALSE
MW-6	04/12/05	7.6	FALSE
MW-6	09/26/05	ND<2.5 U	FALSE
MW-6	03/24/06	ND<2.5 U	FALSE
MW-6	09/26/06	ND<2.5 U	FALSE
MW-6	03/27/07	ND<3 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	ND<1.3 U	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	04/02/10	ND<2.5 U	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	04/09/13	ND<1.3 U	FALSE
MW-6	10/09/13	ND<2.5 U	FALSE
MW-6	04/11/14	ND<2.5 U	FALSE
MW-6	10/01/14	ND<2.5 U	FALSE

MW-7	04/13/98	ND<2.5 U	FALSE
MW-7	11/11/98	ND<2.5 U	FALSE
MW-7	04/26/99	ND<2.5 U	FALSE
MW-7	11/02/99	ND<2.5 U	FALSE
MW-7	04/03/00	ND<2.5 U	FALSE
MW-7	11/06/00	ND<5 U	FALSE
MW-7	04/30/01	ND<5 U	FALSE
MW-7	10/22/01	ND<5 U	FALSE
MW-7	**04/29/02**	**16**	**TRUE**
MW-7	10/28/02	ND<5 U	FALSE
MW-7	03/25/03	ND<5 U	FALSE
MW-7	09/29/03	ND<2.5 U	FALSE
MW-7	03/30/04	ND<2.5 U	FALSE
MW-7	09/27/04	ND<2.5 U	FALSE
MW-7	**04/12/05**	**10**	**TRUE**
MW-7	09/26/05	ND<2.5 U	FALSE
MW-7	03/24/06	ND<2.5 U	FALSE
MW-7	09/26/06	ND<2.5 U	FALSE
MW-7	03/27/07	ND<3 U	FALSE
MW-7	09/27/07	ND<2.5 U	FALSE
MW-7	03/26/08	ND<1.3 U	FALSE
MW-7	09/26/08	ND<2.5 U	FALSE
MW-7	03/26/09	ND<2.5 U	FALSE
MW-7	10/01/09	ND<2.5 U	FALSE
MW-7	04/02/10	ND<2.5 U	FALSE
MW-7	10/06/10	ND<2.5 U	FALSE
MW-7	03/25/11	ND<2.5 U	FALSE
MW-7	10/05/11	ND<2.5 U	FALSE
MW-7	04/04/12	ND<2.5 U	FALSE

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MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/09/13	ND<1.3 U	FALSE
MW-7	10/09/13	ND<2.5 U	FALSE
MW-7	04/11/14	ND<2.5 U	FALSE
MW-7	10/02/14	ND<2.5 U	FALSE

MW-2	04/15/98	ND<2.5 U	FALSE
MW-2	11/11/98	ND<2.5 U	FALSE
MW-2	04/27/99	ND<2.5 U	FALSE
MW-2	11/02/99	ND<2.5 U	FALSE
MW-2	04/04/00	ND<2.5 U	FALSE
MW-2	11/06/00	ND<5 U	FALSE
MW-2	04/30/01	ND<5 U	FALSE
MW-2	10/22/01	ND<5 U	FALSE
MW-2	04/29/02	ND<5 U	FALSE
MW-2	**10/28/02**	**13**	**TRUE**
MW-2	03/24/03	ND<5 U	FALSE
MW-2	09/29/03	ND<2.5 U	FALSE
MW-2	03/29/04	ND<2.5 U	FALSE
MW-2	09/27/04	ND<2.5 U	FALSE
MW-2	04/11/05	ND<2.5 U	FALSE
MW-2	09/26/05	ND<2.5 U	FALSE
MW-2	03/23/06	ND<2.5 U	FALSE
MW-2	09/28/06	ND<2.5 U	FALSE
MW-2	03/27/07	ND<3 U	FALSE
MW-2	09/28/07	ND<2.5 U	FALSE
MW-2	03/26/08	ND<1.3 U	FALSE
MW-2	09/29/08	ND<2.5 U	FALSE
MW-2	03/26/09	ND<2.5 U	FALSE
MW-2	10/01/09	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	10/08/10	ND<2.5 U	FALSE
MW-2	03/25/11	ND<2.5 U	FALSE
MW-2	10/05/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	04/10/13	ND<1.3 U	FALSE
MW-2	10/11/13	ND<2.5 U	FALSE
MW-2	04/17/14	ND<2.5 U	FALSE
MW-2	10/01/14	ND<2.5 U	FALSE

MW-4	04/15/98	ND<2.5 U	FALSE
MW-4	11/09/98	ND<2.5 U	FALSE
MW-4	04/26/99	ND<2.5 U	FALSE
MW-4	11/01/99	ND<2.5 U	FALSE
MW-4	04/04/00	ND<2.5 U	FALSE
MW-4	11/06/00	ND<5 U	FALSE
MW-4	04/30/01	ND<5 U	FALSE
MW-4	10/22/01	ND<5 U	FALSE
MW-4	04/29/02	ND<5 U	FALSE
MW-4	10/28/02	ND<5 U	FALSE
MW-4	03/24/03	ND<5 U	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	03/29/04	ND<2.5 U	FALSE
MW-4	09/27/04	ND<2.5 U	FALSE

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MW-4	04/11/05	ND<2.5 U	FALSE
MW-4	09/26/05	ND<2.5 U	FALSE
MW-4	03/24/06	ND<2.5 U	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	03/27/07	ND<3 U	FALSE
MW-4	09/28/07	ND<2.5 U	FALSE
MW-4	03/26/08	ND<1.3 U	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	10/05/11	ND<2.5 U	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	04/10/13	ND<1.3 U	FALSE
MW-4	10/10/13	ND<2.5 U	FALSE
MW-4	04/11/14	ND<2.5 U	FALSE
MW-4	10/01/14	ND<2.5 U	FALSE

MW-8	04/17/98	ND<2.5 U	FALSE
MW-8	11/10/98	ND<2.5 U	FALSE
MW-8	04/26/99	ND<2.5 U	FALSE
MW-8	11/01/99	ND<2.5 U	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	11/07/00	ND<5 U	FALSE
MW-8	04/30/01	ND<5 U	FALSE
MW-8	10/22/01	ND<5 U	FALSE
MW-8	01/14/02	ND<5 U	FALSE
MW-8	**04/29/02**	**12**	**TRUE**
MW-8	10/28/02	ND<5 U	FALSE
MW-8	03/25/03	ND<5 U	FALSE
MW-8	09/30/03	5.5	FALSE
MW-8	03/30/04	ND<2.5 U	FALSE
MW-8	09/27/04	ND<2.5 U	FALSE
MW-8	04/12/05	5.2	FALSE
MW-8	09/27/05	ND<2.5 U	FALSE
MW-8	03/23/06	ND<2.5 U	FALSE
MW-8	09/26/06	ND<2.5 U	FALSE
MW-8	03/27/07	ND<3 U	FALSE
MW-8	09/28/07	ND<2.5 U	FALSE
MW-8	03/27/08	ND<1.3 U	FALSE
MW-8	09/29/08	ND<2.5 U	FALSE
MW-8	03/25/09	ND<2.5 U	FALSE
MW-8	10/05/09	ND<2.5 U	FALSE
MW-8	04/06/10	ND<2.5 U	FALSE
MW-8	10/08/10	ND<2.5 U	FALSE
MW-8	03/29/11	ND<2.5 U	FALSE
MW-8	10/06/11	ND<2.5 U	FALSE
MW-8	04/06/12	ND<2.5 U	FALSE
MW-8	10/05/12	ND<2.5 U	FALSE
MW-8	04/09/13	ND<1.3 U	FALSE
MW-8	10/11/13	ND<2.5 U	FALSE
MW-8	04/16/14	ND<2.5 U	FALSE
MW-8	10/02/14	ND<2.5 U	FALSE

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MW-11	04/29/02	ND<5 U	FALSE
MW-11	10/29/02	ND<5 U	FALSE
MW-11	03/25/03	ND<5 U	FALSE
MW-11	09/29/03	5.5	FALSE
MW-11	03/30/04	ND<2.5 U	FALSE
MW-11	09/27/04	ND<2.5 U	FALSE
MW-11	04/12/05	ND<2.5 U	FALSE
MW-11	09/26/05	ND<2.5 U	FALSE
MW-11	03/23/06	ND<2.5 U	FALSE
MW-11	09/26/06	ND<2.5 U	FALSE
MW-11	03/27/07	ND<3 U	FALSE
MW-11	09/27/07	ND<2.5 U	FALSE
MW-11	03/27/08	ND<1.3 U	FALSE
MW-11	09/30/08	ND<2.5 U	FALSE
MW-11	03/26/09	ND<2.5 U	FALSE
MW-11	10/05/09	ND<2.5 U	FALSE
MW-11	04/06/10	ND<2.5 U	FALSE
MW-11	10/08/10	ND<2.5 U	FALSE
MW-11	03/29/11	ND<2.5 U	FALSE
MW-11	10/05/11	ND<2.5 U	FALSE
MW-11	04/06/12	ND<2.5 U	FALSE
MW-11	10/05/12	ND<2.5 U	FALSE
MW-11	04/09/13	ND<1.3 U	FALSE
MW-11	10/09/13	ND<2.5 U	FALSE
MW-11	04/17/14	ND<2.5 U	FALSE
MW-11	10/01/14	ND<2.5 U	FALSE

MW-10	04/30/02	ND<5 U	FALSE
MW-10	10/29/02	ND<5 U	FALSE
MW-10	03/25/03	ND<5 U	FALSE
MW-10	09/30/03	ND<2.5 U	FALSE
MW-10	03/30/04	ND<2.5 U	FALSE
MW-10	09/27/04	ND<2.5 U	FALSE
MW-10	04/12/05	5.8	FALSE
MW-10	09/27/05	ND<2.5 U	FALSE
MW-10	03/23/06	ND<2.5 U	FALSE
MW-10	09/26/06	ND<2.5 U	FALSE
MW-10	03/27/07	ND<3 U	FALSE
MW-10	09/27/07	ND<2.5 U	FALSE
MW-10	03/26/08	ND<1.3 U	FALSE
MW-10	09/26/08	ND<2.5 U	FALSE
MW-10	03/26/09	ND<2.5 U	FALSE
MW-10	10/01/09	ND<2.5 U	FALSE
MW-10	04/02/10	ND<2.5 U	FALSE
MW-10	10/07/10	ND<2.5 U	FALSE
MW-10	03/29/11	ND<2.5 U	FALSE
MW-10	10/05/11	ND<2.5 U	FALSE
MW-10	04/04/12	ND<2.5 U	FALSE
MW-10	10/03/12	ND<2.5 U	FALSE
MW-10	04/11/13	ND<1.3 U	FALSE
MW-10	10/09/13	ND<2.5 U	FALSE
MW-10	04/11/14	ND<2.5 U	FALSE
MW-10	10/01/14	ND<2.5 U	FALSE

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MW-12	10/28/02	ND<5 U	FALSE
MW-12	03/25/03	ND<5 U	FALSE
MW-12	09/30/03	ND<2.5 U	FALSE
MW-12	03/30/04	ND<2.5 U	FALSE
MW-12	09/27/04	ND<2.5 U	FALSE
MW-12	04/11/05	ND<2.5 U	FALSE
MW-12	09/27/05	ND<2.5 U	FALSE
MW-12	03/27/06	ND<2.5 U	FALSE
MW-12	09/27/06	ND<2.5 U	FALSE
MW-12	03/27/07	ND<3 U	FALSE
MW-12	09/28/07	ND<2.5 U	FALSE
MW-12	03/27/08	ND<1.3 U	FALSE
MW-12	09/30/08	ND<2.5 U	FALSE
MW-12	03/26/09	ND<2.5 U	FALSE
MW-12	10/02/09	ND<2.5 U	FALSE
MW-12	04/06/10	ND<2.5 U	FALSE
MW-12	10/07/10	ND<2.5 U	FALSE
MW-12	03/29/11	ND<2.5 U	FALSE
MW-12	10/06/11	ND<2.5 U	FALSE
MW-12	04/05/12	ND<2.5 U	FALSE
MW-12	10/05/12	ND<2.5 U	FALSE
MW-12	04/11/13	ND<2.5 U	FALSE
MW-12	10/10/13	ND<2.5 U	FALSE
MW-12	04/11/14	ND<2.5 U	FALSE
MW-12	10/02/14	ND<2.5 U	FALSE

MW-13	09/27/05	ND<2.5 U	FALSE
MW-13	03/27/06	ND<2.5 U	FALSE
MW-13	09/28/06	ND<2.5 U	FALSE
MW-13	03/27/07	ND<3 U	FALSE
MW-13	09/28/07	ND<2.5 U	FALSE
MW-13	03/27/08	ND<1.3 U	FALSE
MW-13	09/29/08	ND<2.5 U	FALSE
MW-13	03/26/09	ND<2.5 U	FALSE
MW-13	10/02/09	ND<2.5 U	FALSE
MW-13	04/02/10	ND<2.5 U	FALSE
MW-13	10/07/10	ND<2.5 U	FALSE
MW-13	03/25/11	ND<2.5 U	FALSE
MW-13	10/06/11	ND<2.5 U	FALSE
MW-13	04/05/12	ND<2.5 U	FALSE
MW-13	10/04/12	ND<2.5 U	FALSE
MW-13	04/09/13	ND<1.3 U	FALSE
MW-13	10/09/13	ND<2.5 U	FALSE
MW-13	04/17/14	5.8	FALSE
MW-13	10/01/14	7.4	FALSE

MW-14	09/27/06	ND<2.5 U	FALSE
MW-14	03/27/07	ND<3 U	FALSE
MW-14	09/28/07	ND<2.5 U	FALSE
MW-14	03/27/08	ND<1.3 U	FALSE
MW-14	09/30/08	ND<2.5 U	FALSE
MW-14	03/26/09	ND<2.5 U	FALSE
MW-14	10/02/09	ND<2.5 U	FALSE
MW-14	04/06/10	ND<2.5 U	FALSE

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MW-14	10/07/10	ND<2.5 U	FALSE
MW-14	03/29/11	ND<2.5 U	FALSE
MW-14	10/06/11	ND<2.5 U	FALSE
MW-14	04/05/12	ND<2.5 U	FALSE
MW-14	10/05/12	ND<2.5 U	FALSE
MW-14	04/11/13	ND<2.5 U	FALSE
MW-14	10/11/13	ND<2.5 U	FALSE
MW-14	04/11/14	ND<2.5 U	FALSE
MW-14	10/02/14	ND<2.5 U	FALSE
MW-15S	10/10/13	ND<2.5 U	FALSE
MW-15S	04/11/14	ND<2.5 U	FALSE
MW-15S	10/02/14	5.7	FALSE
MW-3R	07/29/14	2.7 J	FALSE
MW-3R	10/01/14	ND<2.5 U	FALSE

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Two-Sample Test of Proportions

Parameter: Antimony

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 34
Compliance measurements = 323
Comparison Level = 1

34 background measurements exceed 1
323 compliance measurements exceed 1

p background = 1 = 34 / 34
p compliance = 1 = 323 / 323
p total = 1 = 357 / 357

nPs = 323
mPb = 34
n(1-Ps) = 0 < 5.0
m(1-Pb = 0 < 5.0

Divide by zero error.

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Non-Parametric Tolerance Interval

Parameter: Barium

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

Total Percent Non-Detects = 1.12045%
Background measurements (n) = 34
Maximum Background Concentration = 709
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	04/13/98	484	FALSE
MW-5	11/11/98	331	FALSE
MW-5	04/26/99	42	FALSE
MW-5	11/02/99	52	FALSE
MW-5	04/03/00	63	FALSE
MW-5	**11/06/00**	**1500**	**TRUE**
MW-5	04/30/01	76	FALSE
MW-5	10/22/01	46	FALSE
MW-5	04/29/02	280	FALSE
MW-5	10/28/02	12	FALSE
MW-5	03/24/03	52	FALSE
MW-5	09/29/03	67	FALSE
MW-5	03/30/04	120	FALSE
MW-5	09/27/04	74	FALSE
MW-5	04/12/05	69	FALSE
MW-5	09/26/05	78	FALSE
MW-5	03/24/06	78	FALSE
MW-5	09/26/06	130	FALSE
MW-5	03/27/07	98 J	FALSE
MW-5	09/27/07	89.9	FALSE
MW-5	03/26/08	103	FALSE
MW-5	09/30/08	96.9	FALSE
MW-5	03/26/09	106	FALSE
MW-5	10/02/09	152	FALSE
MW-5	04/02/10	92.7	FALSE
MW-5	10/06/10	90.9	FALSE
MW-5	03/25/11	96.5	FALSE
MW-5	10/05/11	102	FALSE
MW-5	04/05/12	96.6	FALSE
MW-5	10/03/12	98.2	FALSE
MW-5	04/11/13	96.2	FALSE
MW-5	10/09/13	101	FALSE
MW-5	04/17/14	102	FALSE
MW-5	10/01/14	104	FALSE
MW-6	04/13/98	209	FALSE
MW-6	11/11/98	265	FALSE
MW-6	04/26/99	131	FALSE
MW-6	11/02/99	120	FALSE
MW-6	04/03/00	105	FALSE
MW-6	**11/06/00**	**1400**	**TRUE**
MW-6	04/30/01	400	FALSE
MW-6	**10/22/01**	**1900**	**TRUE**

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MW-6	**04/29/02**	**1000**	**TRUE**
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	03/25/03	59	FALSE
MW-6	**09/29/03**	**1100**	**TRUE**
MW-6	03/30/04	54	FALSE
MW-6	09/27/04	180	FALSE
MW-6	**04/12/05**	**1400**	**TRUE**
MW-6	09/26/05	180	FALSE
MW-6	03/24/06	230	FALSE
MW-6	09/26/06	320	FALSE
MW-6	03/27/07	51 J	FALSE
MW-6	09/27/07	92.5	FALSE
MW-6	03/26/08	165	FALSE
MW-6	09/30/08	64.9	FALSE
MW-6	03/26/09	71	FALSE
MW-6	10/02/09	61.4	FALSE
MW-6	04/02/10	143	FALSE
MW-6	10/06/10	52.1	FALSE
MW-6	03/25/11	52.9	FALSE
MW-6	10/05/11	57.2	FALSE
MW-6	04/04/12	55	FALSE
MW-6	10/03/12	58.6	FALSE
MW-6	04/09/13	53.4	FALSE
MW-6	10/09/13	50.7	FALSE
MW-6	04/11/14	48.2	FALSE
MW-6	10/01/14	50.4	FALSE

MW-7	04/13/98	271	FALSE
MW-7	11/11/98	337	FALSE
MW-7	**04/26/99**	**730**	**TRUE**
MW-7	11/02/99	70	FALSE
MW-7	04/03/00	63	FALSE
MW-7	11/06/00	320	FALSE
MW-7	04/30/01	240	FALSE
MW-7	**10/22/01**	**1500**	**TRUE**
MW-7	**04/29/02**	**770**	**TRUE**
MW-7	10/28/02	270	FALSE
MW-7	03/25/03	120	FALSE
MW-7	09/29/03	500	FALSE
MW-7	03/30/04	160	FALSE
MW-7	09/27/04	220	FALSE
MW-7	**04/12/05**	**1500**	**TRUE**
MW-7	09/26/05	300	FALSE
MW-7	03/24/06	170	FALSE
MW-7	09/26/06	180	FALSE
MW-7	03/27/07	200	FALSE
MW-7	09/27/07	125	FALSE
MW-7	03/26/08	98.3	FALSE
MW-7	09/26/08	94.8	FALSE
MW-7	03/26/09	90.2	FALSE
MW-7	10/01/09	155	FALSE
MW-7	04/02/10	150	FALSE
MW-7	10/06/10	148	FALSE
MW-7	03/25/11	153	FALSE
MW-7	10/05/11	155	FALSE
MW-7	04/04/12	132	FALSE

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MW-7	10/03/12	137	FALSE
MW-7	04/09/13	138	FALSE
MW-7	10/09/13	132	FALSE
MW-7	04/11/14	143	FALSE
MW-7	10/02/14	178	FALSE

MW-2	04/15/98	527	FALSE
MW-2	11/11/98	441	FALSE
MW-2	04/27/99	91	FALSE
MW-2	11/02/99	240	FALSE
MW-2	04/04/00	213	FALSE
MW-2	11/06/00	210	FALSE
MW-2	04/30/01	140	FALSE
MW-2	10/22/01	680	FALSE
MW-2	**04/29/02**	**1100**	**TRUE**
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	03/24/03	120	FALSE
MW-2	09/29/03	410	FALSE
MW-2	03/29/04	280	FALSE
MW-2	**09/27/04**	**1100**	**TRUE**
MW-2	**04/11/05**	**1000**	**TRUE**
MW-2	09/26/05	610	FALSE
MW-2	**03/23/06**	**970**	**TRUE**
MW-2	09/28/06	300	FALSE
MW-2	03/27/07	72 J	FALSE
MW-2	**09/28/07**	**1080**	**TRUE**
MW-2	03/26/08	61	FALSE
MW-2	09/29/08	175	FALSE
MW-2	03/26/09	518	FALSE
MW-2	**10/01/09**	**955**	**TRUE**
MW-2	04/06/10	80.9	FALSE
MW-2	10/08/10	86.7	FALSE
MW-2	03/25/11	65.4	FALSE
MW-2	10/05/11	136	FALSE
MW-2	04/04/12	63	FALSE
MW-2	10/05/12	78	FALSE
MW-2	04/10/13	121	FALSE
MW-2	10/11/13	87.1	FALSE
MW-2	04/17/14	63	FALSE
MW-2	10/01/14	110	FALSE

MW-4	**04/15/98**	**911**	**TRUE**
MW-4	11/09/98	302	FALSE
MW-4	04/26/99	110	FALSE
MW-4	11/01/99	140	FALSE
MW-4	04/04/00	208	FALSE
MW-4	11/06/00	100	FALSE
MW-4	04/30/01	96	FALSE
MW-4	10/22/01	200	FALSE
MW-4	04/29/02	140	FALSE
MW-4	10/28/02	120	FALSE
MW-4	03/24/03	110	FALSE
MW-4	09/30/03	87	FALSE
MW-4	03/29/04	200	FALSE
MW-4	09/27/04	86	FALSE

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MW-4	04/11/05	470	FALSE
MW-4	09/26/05	160	FALSE
MW-4	03/24/06	250	FALSE
MW-4	09/27/06	77	FALSE
MW-4	03/27/07	72 J	FALSE
MW-4	09/28/07	87.8	FALSE
MW-4	03/26/08	74.9	FALSE
MW-4	09/29/08	85.4	FALSE
MW-4	03/26/09	61.1	FALSE
MW-4	10/02/09	69.8	FALSE
MW-4	04/06/10	71.2	FALSE
MW-4	10/07/10	63.3	FALSE
MW-4	03/29/11	62.2	FALSE
MW-4	10/05/11	95.5	FALSE
MW-4	04/05/12	59.4	FALSE
MW-4	10/04/12	65.8	FALSE
MW-4	04/10/13	206	FALSE
MW-4	10/10/13	72.5	FALSE
MW-4	04/11/14	65.7	FALSE
MW-4	10/01/14	67	FALSE

MW-8	04/17/98	115	FALSE
MW-8	11/10/98	274	FALSE
MW-8	04/26/99	90	FALSE
MW-8	11/01/99	60	FALSE
MW-8	04/03/00	48	FALSE
MW-8	11/07/00	150	FALSE
MW-8	04/30/01	210	FALSE
MW-8	10/22/01	480	FALSE
MW-8	01/14/02	100	FALSE
MW-8	04/29/02	260	FALSE
MW-8	10/28/02	59	FALSE
MW-8	03/25/03	62	FALSE
MW-8	09/30/03	70	FALSE
MW-8	03/30/04	87	FALSE
MW-8	09/27/04	100	FALSE
MW-8	04/12/05	130	FALSE
MW-8	09/27/05	52	FALSE
MW-8	03/23/06	68	FALSE
MW-8	09/26/06	71	FALSE
MW-8	03/27/07	76 J	FALSE
MW-8	09/28/07	83.7	FALSE
MW-8	03/27/08	98.9	FALSE
MW-8	09/29/08	75	FALSE
MW-8	03/25/09	70.8	FALSE
MW-8	10/05/09	101	FALSE
MW-8	04/06/10	97.7	FALSE
MW-8	10/08/10	81.7	FALSE
MW-8	03/29/11	91.1	FALSE
MW-8	10/06/11	112	FALSE
MW-8	04/06/12	96	FALSE
MW-8	10/05/12	115	FALSE
MW-8	04/09/13	111	FALSE
MW-8	10/11/13	116	FALSE
MW-8	04/16/14	106	FALSE
MW-8	10/02/14	108	FALSE

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MW-11	04/29/02	270	FALSE
MW-11	10/29/02	ND<2.5 U	FALSE
MW-11	03/25/03	61	FALSE
MW-11	09/29/03	60	FALSE
MW-11	03/30/04	100	FALSE
MW-11	09/27/04	49	FALSE
MW-11	04/12/05	61	FALSE
MW-11	09/26/05	77	FALSE
MW-11	03/23/06	150	FALSE
MW-11	09/26/06	54	FALSE
MW-11	03/27/07	60 J	FALSE
MW-11	09/27/07	179	FALSE
MW-11	03/27/08	66.6	FALSE
MW-11	09/30/08	48.6	FALSE
MW-11	03/26/09	53.5	FALSE
MW-11	10/05/09	58.4	FALSE
MW-11	04/06/10	68.3	FALSE
MW-11	10/08/10	55.3	FALSE
MW-11	03/29/11	66.5	FALSE
MW-11	10/05/11	71.1	FALSE
MW-11	04/06/12	68.4	FALSE
MW-11	10/05/12	73.9	FALSE
MW-11	04/09/13	74.2	FALSE
MW-11	10/09/13	75.4	FALSE
MW-11	04/17/14	76.6	FALSE
MW-11	10/01/14	88.7	FALSE

MW-10	04/30/02	140	FALSE
MW-10	10/29/02	550	FALSE
MW-10	03/25/03	320	FALSE
MW-10	09/30/03	240	FALSE
MW-10	03/30/04	150	FALSE
MW-10	09/27/04	340	FALSE
MW-10	04/12/05	410	FALSE
MW-10	09/27/05	200	FALSE
MW-10	03/23/06	220	FALSE
MW-10	09/26/06	210	FALSE
MW-10	03/27/07	100	FALSE
MW-10	09/27/07	132	FALSE
MW-10	03/26/08	116	FALSE
MW-10	09/26/08	152	FALSE
MW-10	03/26/09	90.6	FALSE
MW-10	10/01/09	136	FALSE
MW-10	04/02/10	115	FALSE
MW-10	10/07/10	119	FALSE
MW-10	03/29/11	114	FALSE
MW-10	10/05/11	126	FALSE
MW-10	04/04/12	125	FALSE
MW-10	10/03/12	128	FALSE
MW-10	04/11/13	127	FALSE
MW-10	10/09/13	127	FALSE
MW-10	04/11/14	123	FALSE
MW-10	10/01/14	129	FALSE

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MW-12	10/28/02	ND<2.5 U	FALSE
MW-12	03/25/03	220	FALSE
MW-12	09/30/03	86	FALSE
MW-12	03/30/04	140	FALSE
MW-12	09/27/04	280	FALSE
MW-12	04/11/05	220	FALSE
MW-12	09/27/05	260	FALSE
MW-12	03/27/06	210	FALSE
MW-12	09/27/06	190	FALSE
MW-12	03/27/07	90 J	FALSE
MW-12	09/28/07	460	FALSE
MW-12	03/27/08	98.1	FALSE
MW-12	09/30/08	155	FALSE
MW-12	03/26/09	149	FALSE
MW-12	10/02/09	167	FALSE
MW-12	04/06/10	85.5	FALSE
MW-12	10/07/10	218	FALSE
MW-12	03/29/11	82.2	FALSE
MW-12	10/06/11	239	FALSE
MW-12	04/05/12	101	FALSE
MW-12	10/05/12	162	FALSE
MW-12	04/11/13	72.8	FALSE
MW-12	10/10/13	98.6	FALSE
MW-12	04/11/14	88.4	FALSE
MW-12	10/02/14	104	FALSE

MW-13	09/27/05	140	FALSE
MW-13	03/27/06	140	FALSE
MW-13	09/28/06	130	FALSE
MW-13	03/27/07	120	FALSE
MW-13	09/28/07	217	FALSE
MW-13	03/27/08	160	FALSE
MW-13	09/29/08	191	FALSE
MW-13	03/26/09	181	FALSE
MW-13	10/02/09	165	FALSE
MW-13	04/02/10	151	FALSE
MW-13	10/07/10	143	FALSE
MW-13	03/25/11	120	FALSE
MW-13	10/06/11	193	FALSE
MW-13	04/05/12	158	FALSE
MW-13	10/04/12	153	FALSE
MW-13	04/09/13	131	FALSE
MW-13	10/09/13	203	FALSE
MW-13	04/17/14	159	FALSE
MW-13	10/01/14	155	FALSE

MW-14	**09/27/06**	**860**	**TRUE**
MW-14	03/27/07	68 J	FALSE
MW-14	09/28/07	217	FALSE
MW-14	03/27/08	143	FALSE
MW-14	09/30/08	68.3	FALSE
MW-14	03/26/09	50.8	FALSE
MW-14	10/02/09	61.4	FALSE
MW-14	04/06/10	44.9	FALSE

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MW-14	10/07/10	52.3	FALSE
MW-14	03/29/11	67.1	FALSE
MW-14	10/06/11	57.3	FALSE
MW-14	04/05/12	58.1	FALSE
MW-14	10/05/12	53.5	FALSE
MW-14	04/11/13	48.7	FALSE
MW-14	10/11/13	51.7	FALSE
MW-14	04/11/14	45.1	FALSE
MW-14	10/02/14	56.9	FALSE
MW-15S	10/10/13	192	FALSE
MW-15S	04/11/14	188	FALSE
MW-15S	10/02/14	186	FALSE
MW-3R	07/29/14	116	FALSE
MW-3R	10/01/14	159	FALSE

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Non-Parametric Tolerance Interval

Parameter: Chromium

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

Total Percent Non-Detects = 45.9384%
Background measurements (n) = 34
Maximum Background Concentration = 176
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	04/13/98	150	FALSE
MW-5	11/11/98	80	FALSE
MW-5	04/26/99	9	FALSE
MW-5	11/02/99	8	FALSE
MW-5	04/03/00	7	FALSE
MW-5	11/06/00	9	FALSE
MW-5	04/30/01	6.5	FALSE
MW-5	10/22/01	11	FALSE
MW-5	04/29/02	79	FALSE
MW-5	10/28/02	ND<2.5 U	FALSE
MW-5	03/24/03	8.4	FALSE
MW-5	09/29/03	7.4	FALSE
MW-5	03/30/04	8.3	FALSE
MW-5	09/27/04	8	FALSE
MW-5	04/12/05	2.8	FALSE
MW-5	09/26/05	12	FALSE
MW-5	03/24/06	4.5	FALSE
MW-5	09/26/06	15	FALSE
MW-5	03/27/07	3.9 J	FALSE
MW-5	09/27/07	3.2 J	FALSE
MW-5	03/26/08	6.9	FALSE
MW-5	09/30/08	6.4	FALSE
MW-5	03/26/09	11.8	FALSE
MW-5	10/02/09	16.3	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	04/11/13	ND<1 U	FALSE
MW-5	10/09/13	ND<2.5 U	FALSE
MW-5	04/17/14	ND<2.5 U	FALSE
MW-5	10/01/14	ND<2.5 U	FALSE
MW-6	04/13/98	60	FALSE
MW-6	11/11/98	64	FALSE
MW-6	04/26/99	30	FALSE
MW-6	11/02/99	32	FALSE
MW-6	04/03/00	3 I	FALSE
MW-6	11/06/00	5.2	FALSE
MW-6	04/30/01	ND<2.5 U	FALSE
MW-6	**10/22/01**	**350**	**TRUE**

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MW-6	**04/29/02**	**260**	**TRUE**
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	**09/29/03**	**290**	**TRUE**
MW-6	03/30/04	ND<1 U	FALSE
MW-6	09/27/04	37	FALSE
MW-6	**04/12/05**	**300**	**TRUE**
MW-6	09/26/05	16	FALSE
MW-6	03/24/06	2.5	FALSE
MW-6	09/26/06	95	FALSE
MW-6	03/27/07	1.2 J	FALSE
MW-6	09/27/07	2.5 J	FALSE
MW-6	03/26/08	31.6	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	6.6	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	04/02/10	29.6	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	04/09/13	ND<1 U	FALSE
MW-6	10/09/13	ND<2.5 U	FALSE
MW-6	04/11/14	ND<2.5 U	FALSE
MW-6	10/01/14	ND<2.5 U	FALSE

MW-7	04/13/98	80	FALSE
MW-7	11/11/98	66	FALSE
MW-7	04/26/99	5	FALSE
MW-7	11/02/99	6	FALSE
MW-7	04/03/00	2 I	FALSE
MW-7	11/06/00	14	FALSE
MW-7	04/30/01	9.9	FALSE
MW-7	**10/22/01**	**370**	**TRUE**
MW-7	**04/29/02**	**190**	**TRUE**
MW-7	10/28/02	17	FALSE
MW-7	03/25/03	5.1	FALSE
MW-7	09/29/03	81	FALSE
MW-7	03/30/04	ND<1 U	FALSE
MW-7	09/27/04	15	FALSE
MW-7	**04/12/05**	**220**	**TRUE**
MW-7	09/26/05	23	FALSE
MW-7	03/24/06	2	FALSE
MW-7	09/26/06	6.1	FALSE
MW-7	03/27/07	9 J	FALSE
MW-7	09/27/07	2.7 J	FALSE
MW-7	03/26/08	ND<0.2 U	FALSE
MW-7	09/26/08	6.2	FALSE
MW-7	03/26/09	ND<2.5 U	FALSE
MW-7	10/01/09	ND<2.5 U	FALSE
MW-7	04/02/10	ND<2.5 U	FALSE
MW-7	10/06/10	ND<2.5 U	FALSE
MW-7	03/25/11	ND<2.5 U	FALSE
MW-7	10/05/11	5.2	FALSE
MW-7	04/04/12	ND<2.5 U	FALSE

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MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/09/13	ND<1 U	FALSE
MW-7	10/09/13	ND<2.5 U	FALSE
MW-7	04/11/14	ND<2.5 U	FALSE
MW-7	10/02/14	ND<2.5 U	FALSE

MW-2	04/15/98	40 I	FALSE
MW-2	11/11/98	38	FALSE
MW-2	04/27/99	7	FALSE
MW-2	11/02/99	19	FALSE
MW-2	04/04/00	16	FALSE
MW-2	11/06/00	7	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE
MW-2	10/22/01	55	FALSE
MW-2	04/29/02	68	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	03/24/03	7	FALSE
MW-2	09/29/03	26	FALSE
MW-2	03/29/04	18	FALSE
MW-2	09/27/04	57	FALSE
MW-2	04/11/05	83	FALSE
MW-2	09/26/05	46	FALSE
MW-2	03/23/06	85	FALSE
MW-2	09/28/06	21	FALSE
MW-2	03/27/07	2.4 J	FALSE
MW-2	09/28/07	59.1	FALSE
MW-2	03/26/08	ND<0.2 U	FALSE
MW-2	09/29/08	9.1	FALSE
MW-2	03/26/09	33.7	FALSE
MW-2	10/01/09	72.4	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	10/08/10	ND<2.5 U	FALSE
MW-2	03/25/11	ND<2.5 U	FALSE
MW-2	10/05/11	6.1	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	04/10/13	5.4	FALSE
MW-2	10/11/13	ND<2.5 U	FALSE
MW-2	04/17/14	ND<2.5 U	FALSE
MW-2	10/01/14	ND<2.5 U	FALSE

MW-4	**04/15/98**	**260**	**TRUE**
MW-4	11/09/98	47	FALSE
MW-4	04/26/99	14	FALSE
MW-4	11/01/99	8	FALSE
MW-4	04/04/00	37	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	10/22/01	18	FALSE
MW-4	04/29/02	16	FALSE
MW-4	10/28/02	ND<2.5 U	FALSE
MW-4	03/24/03	9.3	FALSE
MW-4	09/30/03	ND<1 U	FALSE
MW-4	03/29/04	23	FALSE
MW-4	09/27/04	2.1	FALSE

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MW-4	04/11/05	68	FALSE
MW-4	09/26/05	19	FALSE
MW-4	03/24/06	15	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	03/27/07	1.4 J	FALSE
MW-4	09/28/07	1.3 J	FALSE
MW-4	03/26/08	ND<0.2 U	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	10/05/11	5.3	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	04/10/13	33.4	FALSE
MW-4	10/10/13	ND<2.5 U	FALSE
MW-4	04/11/14	ND<2.5 U	FALSE
MW-4	10/01/14	ND<2.5 U	FALSE

MW-8	04/17/98	60	FALSE
MW-8	11/10/98	70	FALSE
MW-8	04/26/99	12	FALSE
MW-8	11/01/99	8	FALSE
MW-8	04/03/00	2 I	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	04/30/01	ND<2.5 U	FALSE
MW-8	10/22/01	110	FALSE
MW-8	01/14/02	7.9	FALSE
MW-8	04/29/02	53	FALSE
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	09/30/03	5.2	FALSE
MW-8	03/30/04	9.5	FALSE
MW-8	09/27/04	8.3	FALSE
MW-8	04/12/05	14	FALSE
MW-8	09/27/05	2.5	FALSE
MW-8	03/23/06	ND<1 U	FALSE
MW-8	09/26/06	ND<2.5 U	FALSE
MW-8	03/27/07	2.5 J	FALSE
MW-8	09/28/07	2.2 J	FALSE
MW-8	03/27/08	5.1	FALSE
MW-8	09/29/08	14.7	FALSE
MW-8	03/25/09	ND<2.5 U	FALSE
MW-8	10/05/09	5.8	FALSE
MW-8	04/06/10	5.4	FALSE
MW-8	10/08/10	ND<2.5 U	FALSE
MW-8	03/29/11	ND<2.5 U	FALSE
MW-8	10/06/11	ND<2.5 U	FALSE
MW-8	04/06/12	ND<2.5 U	FALSE
MW-8	10/05/12	ND<2.5 U	FALSE
MW-8	04/09/13	ND<1 U	FALSE
MW-8	10/11/13	ND<2.5 U	FALSE
MW-8	04/16/14	ND<2.5 U	FALSE
MW-8	10/02/14	ND<2.5 U	FALSE

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MW-11	04/29/02	150	FALSE
MW-11	10/29/02	ND<2.5 U	FALSE
MW-11	03/25/03	7.6	FALSE
MW-11	09/29/03	6.9	FALSE
MW-11	03/30/04	20	FALSE
MW-11	09/27/04	ND<1 U	FALSE
MW-11	04/12/05	2	FALSE
MW-11	09/26/05	6	FALSE
MW-11	03/23/06	32	FALSE
MW-11	09/26/06	ND<2.5 U	FALSE
MW-11	03/27/07	0.83 J	FALSE
MW-11	09/27/07	45.5	FALSE
MW-11	03/27/08	ND<0.2 U	FALSE
MW-11	09/30/08	ND<2.5 U	FALSE
MW-11	03/26/09	ND<2.5 U	FALSE
MW-11	10/05/09	ND<2.5 U	FALSE
MW-11	04/06/10	ND<2.5 U	FALSE
MW-11	10/08/10	ND<2.5 U	FALSE
MW-11	03/29/11	ND<2.5 U	FALSE
MW-11	10/05/11	ND<2.5 U	FALSE
MW-11	04/06/12	ND<2.5 U	FALSE
MW-11	10/05/12	ND<2.5 U	FALSE
MW-11	04/09/13	ND<1 U	FALSE
MW-11	10/09/13	ND<2.5 U	FALSE
MW-11	04/17/14	ND<2.5 U	FALSE
MW-11	10/01/14	ND<2.5 U	FALSE

MW-10	04/30/02	18	FALSE
MW-10	10/29/02	26	FALSE
MW-10	03/25/03	69	FALSE
MW-10	09/30/03	43	FALSE
MW-10	03/30/04	16	FALSE
MW-10	09/27/04	43	FALSE
MW-10	04/12/05	59	FALSE
MW-10	09/27/05	16	FALSE
MW-10	03/23/06	35	FALSE
MW-10	09/26/06	21	FALSE
MW-10	03/27/07	4.7 J	FALSE
MW-10	09/27/07	5.6	FALSE
MW-10	03/26/08	5	FALSE
MW-10	09/26/08	12.4	FALSE
MW-10	03/26/09	ND<2.5 U	FALSE
MW-10	10/01/09	7.5	FALSE
MW-10	04/02/10	ND<2.5 U	FALSE
MW-10	10/07/10	ND<2.5 U	FALSE
MW-10	03/29/11	ND<2.5 U	FALSE
MW-10	10/05/11	ND<2.5 U	FALSE
MW-10	04/04/12	ND<2.5 U	FALSE
MW-10	10/03/12	ND<2.5 U	FALSE
MW-10	04/11/13	ND<1 U	FALSE
MW-10	10/09/13	ND<2.5 U	FALSE
MW-10	04/11/14	ND<2.5 U	FALSE
MW-10	10/01/14	ND<2.5 U	FALSE

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MW-12	10/28/02	ND<2.5 U	FALSE
MW-12	03/25/03	36	FALSE
MW-12	09/30/03	7.7	FALSE
MW-12	03/30/04	ND<1 U	FALSE
MW-12	09/27/04	10	FALSE
MW-12	04/11/05	13	FALSE
MW-12	09/27/05	4.3	FALSE
MW-12	03/27/06	8.3	FALSE
MW-12	09/27/06	5.5	FALSE
MW-12	03/27/07	1.4 J	FALSE
MW-12	09/28/07	36.8	FALSE
MW-12	03/27/08	ND<0.2 U	FALSE
MW-12	09/30/08	ND<2.5 U	FALSE
MW-12	03/26/09	11.9	FALSE
MW-12	10/02/09	5.6	FALSE
MW-12	04/06/10	ND<2.5 U	FALSE
MW-12	10/07/10	6.1	FALSE
MW-12	03/29/11	ND<2.5 U	FALSE
MW-12	10/06/11	ND<2.5 U	FALSE
MW-12	04/05/12	ND<2.5 U	FALSE
MW-12	10/05/12	ND<2.5 U	FALSE
MW-12	04/11/13	ND<2.5 U	FALSE
MW-12	10/10/13	ND<2.5 U	FALSE
MW-12	04/11/14	ND<2.5 U	FALSE
MW-12	10/02/14	ND<2.5 U	FALSE

MW-13	09/27/05	ND<1 U	FALSE
MW-13	03/27/06	ND<1 U	FALSE
MW-13	09/28/06	ND<2.5 U	FALSE
MW-13	03/27/07	ND<5 U	FALSE
MW-13	09/28/07	0.94 J	FALSE
MW-13	03/27/08	ND<0.2 U	FALSE
MW-13	09/29/08	ND<2.5 U	FALSE
MW-13	03/26/09	ND<2.5 U	FALSE
MW-13	10/02/09	ND<2.5 U	FALSE
MW-13	04/02/10	ND<2.5 U	FALSE
MW-13	10/07/10	ND<2.5 U	FALSE
MW-13	03/25/11	ND<2.5 U	FALSE
MW-13	10/06/11	ND<2.5 U	FALSE
MW-13	04/05/12	ND<2.5 U	FALSE
MW-13	10/04/12	ND<2.5 U	FALSE
MW-13	04/09/13	ND<1 U	FALSE
MW-13	10/09/13	ND<2.5 U	FALSE
MW-13	04/17/14	ND<2.5 U	FALSE
MW-13	10/01/14	ND<2.5 U	FALSE

MW-14	**09/27/06**	**200**	**TRUE**
MW-14	03/27/07	8.1 J	FALSE
MW-14	09/28/07	40.1	FALSE
MW-14	03/27/08	23.7	FALSE
MW-14	09/30/08	10.6	FALSE
MW-14	03/26/09	ND<2.5 U	FALSE
MW-14	10/02/09	ND<2.5 U	FALSE
MW-14	04/06/10	ND<2.5 U	FALSE

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MW-14	10/07/10	10.7	FALSE
MW-14	03/29/11	ND<2.5 U	FALSE
MW-14	10/06/11	5.1	FALSE
MW-14	04/05/12	5.3	FALSE
MW-14	10/05/12	ND<2.5 U	FALSE
MW-14	04/11/13	ND<2.5 U	FALSE
MW-14	10/11/13	ND<2.5 U	FALSE
MW-14	04/11/14	ND<2.5 U	FALSE
MW-14	10/02/14	ND<2.5 U	FALSE
MW-15S	10/10/13	ND<2.5 U	FALSE
MW-15S	04/11/14	ND<2.5 U	FALSE
MW-15S	10/02/14	ND<2.5 U	FALSE
MW-3R	07/29/14	3.3 J	FALSE
MW-3R	10/01/14	9.6	FALSE

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Non-Parametric Tolerance Interval

Parameter: Cobalt

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

Total Percent Non-Detects = 58.8235%
Background measurements (n) = 34
Maximum Background Concentration = 37
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	**04/13/98**	**46**	**TRUE**
MW-5	11/11/98	25	FALSE
MW-5	04/26/99	ND<2.5 U	FALSE
MW-5	11/02/99	ND<2.5 U	FALSE
MW-5	04/03/00	ND<2.5 U	FALSE
MW-5	11/06/00	28	FALSE
MW-5	04/30/01	ND<2.5 U	FALSE
MW-5	10/22/01	ND<2.5 U	FALSE
MW-5	04/29/02	18	FALSE
MW-5	10/28/02	ND<2.5 U	FALSE
MW-5	03/24/03	ND<2.5 U	FALSE
MW-5	09/29/03	ND<2.5 U	FALSE
MW-5	03/30/04	ND<2.5 U	FALSE
MW-5	09/27/04	ND<2.5 U	FALSE
MW-5	04/12/05	ND<2.5 U	FALSE
MW-5	09/26/05	ND<2.5 U	FALSE
MW-5	03/24/06	ND<2.5 U	FALSE
MW-5	09/26/06	ND<2.5 U	FALSE
MW-5	03/27/07	ND<5 U	FALSE
MW-5	09/27/07	0.9 J	FALSE
MW-5	03/26/08	ND<0.3 U	FALSE
MW-5	09/30/08	5.7	FALSE
MW-5	03/26/09	ND<2.5 U	FALSE
MW-5	10/02/09	ND<2.5 U	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	04/11/13	ND<1 U	FALSE
MW-5	10/09/13	ND<2.5 U	FALSE
MW-5	04/17/14	ND<2.5 U	FALSE
MW-5	10/01/14	ND<2.5 U	FALSE
MW-6	04/13/98	20 I	FALSE
MW-6	11/11/98	26	FALSE
MW-6	04/26/99	10 I	FALSE
MW-6	11/02/99	7 I	FALSE
MW-6	04/03/00	8 I	FALSE
MW-6	**11/06/00**	**89**	**TRUE**
MW-6	04/30/01	32	FALSE
MW-6	**10/22/01**	**190**	**TRUE**

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MW-6	**04/29/02**	**100**	**TRUE**
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	**09/29/03**	**100**	**TRUE**
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	09/27/04	15	FALSE
MW-6	**04/12/05**	**110**	**TRUE**
MW-6	09/26/05	21	FALSE
MW-6	03/24/06	21	FALSE
MW-6	09/26/06	23	FALSE
MW-6	03/27/07	1.1 J	FALSE
MW-6	09/27/07	2.7 J	FALSE
MW-6	03/26/08	ND<0.3 U	FALSE
MW-6	09/30/08	6.3	FALSE
MW-6	03/26/09	7	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	04/02/10	12	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	04/09/13	ND<1 U	FALSE
MW-6	10/09/13	ND<2.5 U	FALSE
MW-6	04/11/14	ND<2.5 U	FALSE
MW-6	10/01/14	ND<2.5 U	FALSE

MW-7	04/13/98	29	FALSE
MW-7	11/11/98	29	FALSE
MW-7	04/26/99	ND<2.5 U	FALSE
MW-7	11/02/99	ND<2.5 U	FALSE
MW-7	04/03/00	ND<2.5 U	FALSE
MW-7	11/06/00	22	FALSE
MW-7	04/30/01	18	FALSE
MW-7	**10/22/01**	**140**	**TRUE**
MW-7	**04/29/02**	**68**	**TRUE**
MW-7	10/28/02	17	FALSE
MW-7	03/25/03	ND<2.5 U	FALSE
MW-7	09/29/03	32	FALSE
MW-7	03/30/04	6.4	FALSE
MW-7	09/27/04	12	FALSE
MW-7	**04/12/05**	**96**	**TRUE**
MW-7	09/26/05	13	FALSE
MW-7	03/24/06	ND<2.5 U	FALSE
MW-7	09/26/06	ND<2.5 U	FALSE
MW-7	03/27/07	3.7 J	FALSE
MW-7	09/27/07	ND<2.5 U	FALSE
MW-7	03/26/08	ND<0.3 U	FALSE
MW-7	09/26/08	ND<2.5 U	FALSE
MW-7	03/26/09	ND<2.5 U	FALSE
MW-7	10/01/09	ND<2.5 U	FALSE
MW-7	04/02/10	ND<2.5 U	FALSE
MW-7	10/06/10	ND<2.5 U	FALSE
MW-7	03/25/11	ND<2.5 U	FALSE
MW-7	10/05/11	ND<2.5 U	FALSE
MW-7	04/04/12	ND<2.5 U	FALSE

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MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/09/13	ND<1 U	FALSE
MW-7	10/09/13	ND<2.5 U	FALSE
MW-7	04/11/14	5.5	FALSE
MW-7	10/02/14	ND<2.5 U	FALSE

MW-2	**04/15/98**	**42**	**TRUE**
MW-2	11/11/98	31	FALSE
MW-2	04/27/99	ND<2.5 U	FALSE
MW-2	11/02/99	17 I	FALSE
MW-2	04/04/00	13 I	FALSE
MW-2	11/06/00	ND<2.5 U	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE
MW-2	**10/22/01**	**44**	**TRUE**
MW-2	**04/29/02**	**68**	**TRUE**
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	03/24/03	5.4	FALSE
MW-2	09/29/03	27	FALSE
MW-2	03/29/04	19	FALSE
MW-2	**09/27/04**	**75**	**TRUE**
MW-2	**04/11/05**	**87**	**TRUE**
MW-2	**09/26/05**	**46**	**TRUE**
MW-2	**03/23/06**	**81**	**TRUE**
MW-2	09/28/06	19	FALSE
MW-2	03/27/07	1.1 J	FALSE
MW-2	**09/28/07**	**49.9**	**TRUE**
MW-2	03/26/08	ND<0.3 U	FALSE
MW-2	09/29/08	12.6	FALSE
MW-2	**03/26/09**	**37.6**	**TRUE**
MW-2	**10/01/09**	**73.6**	**TRUE**
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	10/08/10	ND<2.5 U	FALSE
MW-2	03/25/11	ND<2.5 U	FALSE
MW-2	10/05/11	5.4	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	04/10/13	10.8	FALSE
MW-2	10/11/13	ND<2.5 U	FALSE
MW-2	04/17/14	ND<2.5 U	FALSE
MW-2	10/01/14	ND<2.5 U	FALSE

MW-4	**04/15/98**	**84**	**TRUE**
MW-4	11/09/98	18 I	FALSE
MW-4	04/26/99	14 I	FALSE
MW-4	11/01/99	6 I	FALSE
MW-4	04/04/00	17 I	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	10/22/01	11	FALSE
MW-4	04/29/02	9.3	FALSE
MW-4	10/28/02	ND<2.5 U	FALSE
MW-4	03/24/03	ND<2.5 U	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	03/29/04	6.9	FALSE
MW-4	09/27/04	ND<2.5 U	FALSE

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MW-4	04/11/05	17	FALSE
MW-4	09/26/05	ND<2.5 U	FALSE
MW-4	03/24/06	7	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	03/27/07	0.91 J	FALSE
MW-4	09/28/07	1.7 J	FALSE
MW-4	03/26/08	ND<0.3 U	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	10/05/11	ND<2.5 U	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	04/10/13	22	FALSE
MW-4	10/10/13	ND<2.5 U	FALSE
MW-4	04/11/14	ND<2.5 U	FALSE
MW-4	10/01/14	ND<2.5 U	FALSE

MW-8	04/17/98	8 I	FALSE
MW-8	11/10/98	23	FALSE
MW-8	04/26/99	ND<2.5 U	FALSE
MW-8	11/01/99	ND<2.5 U	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	04/30/01	9.7	FALSE
MW-8	10/22/01	37	FALSE
MW-8	01/14/02	ND<2.5 U	FALSE
MW-8	04/29/02	17	FALSE
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	09/30/03	ND<2.5 U	FALSE
MW-8	03/30/04	ND<2.5 U	FALSE
MW-8	09/27/04	ND<2.5 U	FALSE
MW-8	04/12/05	ND<2.5 U	FALSE
MW-8	09/27/05	ND<2.5 U	FALSE
MW-8	03/23/06	ND<2.5 U	FALSE
MW-8	09/26/06	ND<2.5 U	FALSE
MW-8	03/27/07	ND<5 U	FALSE
MW-8	09/28/07	2.6 J	FALSE
MW-8	03/27/08	ND<0.3 U	FALSE
MW-8	09/29/08	ND<2.5 U	FALSE
MW-8	03/25/09	ND<2.5 U	FALSE
MW-8	10/05/09	ND<2.5 U	FALSE
MW-8	04/06/10	ND<2.5 U	FALSE
MW-8	10/08/10	ND<2.5 U	FALSE
MW-8	03/29/11	ND<2.5 U	FALSE
MW-8	10/06/11	ND<2.5 U	FALSE
MW-8	04/06/12	ND<2.5 U	FALSE
MW-8	10/05/12	ND<2.5 U	FALSE
MW-8	04/09/13	ND<1 U	FALSE
MW-8	10/11/13	5.3	FALSE
MW-8	04/16/14	ND<2.5 U	FALSE
MW-8	10/02/14	ND<2.5 U	FALSE

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MW-11	**04/29/02**	**46**	**TRUE**
MW-11	10/29/02	ND<2.5 U	FALSE
MW-11	03/25/03	ND<2.5 U	FALSE
MW-11	09/29/03	ND<2.5 U	FALSE
MW-11	03/30/04	9.8	FALSE
MW-11	09/27/04	ND<2.5 U	FALSE
MW-11	04/12/05	ND<2.5 U	FALSE
MW-11	09/26/05	5.8	FALSE
MW-11	03/23/06	16	FALSE
MW-11	09/26/06	ND<2.5 U	FALSE
MW-11	03/27/07	1.4 J	FALSE
MW-11	09/27/07	13.3	FALSE
MW-11	03/27/08	ND<0.3 U	FALSE
MW-11	09/30/08	ND<2.5 U	FALSE
MW-11	03/26/09	ND<2.5 U	FALSE
MW-11	10/05/09	ND<2.5 U	FALSE
MW-11	04/06/10	ND<2.5 U	FALSE
MW-11	10/08/10	ND<2.5 U	FALSE
MW-11	03/29/11	ND<2.5 U	FALSE
MW-11	10/05/11	ND<2.5 U	FALSE
MW-11	04/06/12	ND<2.5 U	FALSE
MW-11	10/05/12	ND<2.5 U	FALSE
MW-11	04/09/13	ND<1 U	FALSE
MW-11	10/09/13	ND<2.5 U	FALSE
MW-11	04/17/14	ND<2.5 U	FALSE
MW-11	10/01/14	ND<2.5 U	FALSE

MW-10	04/30/02	5.1	FALSE
MW-10	10/29/02	17	FALSE
MW-10	03/25/03	14	FALSE
MW-10	09/30/03	5.4	FALSE
MW-10	03/30/04	ND<2.5 U	FALSE
MW-10	09/27/04	8.5	FALSE
MW-10	04/12/05	17	FALSE
MW-10	09/27/05	5.3	FALSE
MW-10	03/23/06	5.8	FALSE
MW-10	09/26/06	ND<2.5 U	FALSE
MW-10	03/27/07	ND<5 U	FALSE
MW-10	09/27/07	ND<2.5 U	FALSE
MW-10	03/26/08	ND<0.3 U	FALSE
MW-10	09/26/08	ND<2.5 U	FALSE
MW-10	03/26/09	ND<2.5 U	FALSE
MW-10	10/01/09	ND<2.5 U	FALSE
MW-10	04/02/10	ND<2.5 U	FALSE
MW-10	10/07/10	ND<2.5 U	FALSE
MW-10	03/29/11	ND<2.5 U	FALSE
MW-10	10/05/11	ND<2.5 U	FALSE
MW-10	04/04/12	ND<2.5 U	FALSE
MW-10	10/03/12	ND<2.5 U	FALSE
MW-10	04/11/13	ND<1 U	FALSE
MW-10	10/09/13	ND<2.5 U	FALSE
MW-10	04/11/14	ND<2.5 U	FALSE
MW-10	10/01/14	ND<2.5 U	FALSE

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MW-12	10/28/02	ND<2.5 U	FALSE
MW-12	03/25/03	18	FALSE
MW-12	09/30/03	ND<2.5 U	FALSE
MW-12	03/30/04	ND<2.5 U	FALSE
MW-12	09/27/04	11	FALSE
MW-12	04/11/05	10	FALSE
MW-12	09/27/05	5.7	FALSE
MW-12	03/27/06	6.2	FALSE
MW-12	09/27/06	ND<2.5 U	FALSE
MW-12	03/27/07	1.1 J	FALSE
MW-12	09/28/07	11.9	FALSE
MW-12	03/27/08	ND<0.3 U	FALSE
MW-12	09/30/08	6.4	FALSE
MW-12	03/26/09	15.5	FALSE
MW-12	10/02/09	ND<2.5 U	FALSE
MW-12	04/06/10	ND<2.5 U	FALSE
MW-12	10/07/10	5	FALSE
MW-12	03/29/11	ND<2.5 U	FALSE
MW-12	10/06/11	ND<2.5 U	FALSE
MW-12	04/05/12	ND<2.5 U	FALSE
MW-12	10/05/12	ND<2.5 U	FALSE
MW-12	04/11/13	ND<2.5 U	FALSE
MW-12	10/10/13	ND<2.5 U	FALSE
MW-12	04/11/14	ND<2.5 U	FALSE
MW-12	10/02/14	ND<2.5 U	FALSE
MW-13	09/27/05	18	FALSE
MW-13	03/27/06	20	FALSE
MW-13	09/28/06	19	FALSE
MW-13	03/27/07	21	FALSE
MW-13	09/28/07	ND<2.5 U	FALSE
MW-13	03/27/08	ND<0.3 U	FALSE
MW-13	09/29/08	14.8	FALSE
MW-13	**03/26/09**	**50**	**TRUE**
MW-13	10/02/09	32.2	FALSE
MW-13	04/02/10	ND<2.5 U	FALSE
MW-13	**10/07/10**	**45.2**	**TRUE**
MW-13	03/25/11	17.4	FALSE
MW-13	10/06/11	32.7	FALSE
MW-13	**04/05/12**	**46**	**TRUE**
MW-13	10/04/12	7.7	FALSE
MW-13	04/09/13	6.4	FALSE
MW-13	10/09/13	18.9	FALSE
MW-13	04/17/14	23.8	FALSE
MW-13	**10/01/14**	**42.4**	**TRUE**
MW-14	09/27/06	30	FALSE
MW-14	03/27/07	ND<5 U	FALSE
MW-14	09/28/07	24	FALSE
MW-14	03/27/08	ND<0.3 U	FALSE
MW-14	09/30/08	7.5	FALSE
MW-14	03/26/09	ND<2.5 U	FALSE
MW-14	10/02/09	ND<2.5 U	FALSE
MW-14	04/06/10	ND<2.5 U	FALSE

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MW-14	10/07/10	ND<2.5 U	FALSE
MW-14	03/29/11	ND<2.5 U	FALSE
MW-14	10/06/11	ND<2.5 U	FALSE
MW-14	04/05/12	ND<2.5 U	FALSE
MW-14	10/05/12	ND<2.5 U	FALSE
MW-14	04/11/13	ND<2.5 U	FALSE
MW-14	10/11/13	ND<2.5 U	FALSE
MW-14	04/11/14	ND<2.5 U	FALSE
MW-14	10/02/14	ND<2.5 U	FALSE
MW-15S	10/10/13	36.5	FALSE
MW-15S	**04/11/14**	**58.4**	**TRUE**
MW-15S	**10/02/14**	**56.6**	**TRUE**
MW-3R	07/29/14	3.2 J	FALSE
MW-3R	10/01/14	ND<2.5 U	FALSE

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Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 34
Compliance measurements = 323
Comparison Level = 1

33 background measurements exceed 1
304 compliance measurements exceed 1

p background = 0.970588 = 33 / 34
p compliance = 0.941176 = 304 / 323
p total = 0.943978 = 337 / 357

nPs = 304
mPb = 33
n(1-Ps) = 19
m(1-Pb = 1 < 5.0

Zp = -0.709359 = -0.0294118 / 0.0414625
Z critical = 1.64485 at 95% confidence level

-0.709359 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

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Non-Parametric Tolerance Interval

Parameter: Specific Conductance

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

Total Percent Non-Detects = 0%
Background measurements (n) = 30
Maximum Background Concentration = 182
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5	04/13/98	175	FALSE
MW-5	11/11/98	135	FALSE
MW-5	**04/26/99**	**184**	**TRUE**
MW-5	11/02/99	165	FALSE
MW-5	**04/03/00**	**255**	**TRUE**
MW-5	11/06/00	150	FALSE
MW-5	04/29/02	148	FALSE
MW-5	**10/28/02**	**230**	**TRUE**
MW-5	03/24/03	150	FALSE
MW-5	09/29/03	150	FALSE
MW-5	03/30/04	109	FALSE
MW-5	**09/27/04**	**208**	**TRUE**
MW-5	04/12/05	142	FALSE
MW-5	09/26/05	150	FALSE
MW-5	03/24/06	130	FALSE
MW-5	09/26/06	164	FALSE
MW-5	**04/16/07**	**185**	**TRUE**
MW-5	**03/26/08**	**188**	**TRUE**
MW-5	**09/30/08**	**183**	**TRUE**
MW-5	**03/26/09**	**184**	**TRUE**
MW-5	**10/02/09**	**186**	**TRUE**
MW-5	**04/02/10**	**187**	**TRUE**
MW-5	**10/06/10**	**201**	**TRUE**
MW-5	**03/25/11**	**202**	**TRUE**
MW-5	**10/05/11**	**193**	**TRUE**
MW-5	04/05/12	115	FALSE
MW-5	**10/03/12**	**205**	**TRUE**
MW-5	**04/11/13**	**207**	**TRUE**
MW-5	**10/09/13**	**204.7**	**TRUE**
MW-5	**04/17/14**	**212**	**TRUE**
MW-5	**10/01/14**	**200**	**TRUE**
MW-6	04/13/98	96	FALSE
MW-6	11/11/98	89	FALSE
MW-6	04/26/99	94	FALSE
MW-6	11/02/99	98	FALSE
MW-6	04/03/00	140	FALSE
MW-6	11/06/00	120	FALSE
MW-6	04/29/02	116	FALSE
MW-6	10/28/02	99	FALSE
MW-6	03/25/03	120	FALSE
MW-6	09/29/03	94	FALSE
MW-6	03/30/04	85	FALSE

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MW-6	09/27/04	132	FALSE
MW-6	04/12/05	100	FALSE
MW-6	09/26/05	115	FALSE
MW-6	03/24/06	95	FALSE
MW-6	09/26/06	128	FALSE
MW-6	04/16/07	130	FALSE
MW-6	03/26/08	143	FALSE
MW-6	09/30/08	160.3	FALSE
MW-6	03/26/09	151	FALSE
MW-6	10/02/09	154	FALSE
MW-6	04/02/10	149	FALSE
MW-6	10/06/10	154	FALSE
MW-6	03/25/11	147	FALSE
MW-6	10/05/11	141	FALSE
MW-6	04/04/12	149	FALSE
MW-6	10/03/12	145	FALSE
MW-6	04/09/13	148	FALSE
MW-6	10/09/13	143.2	FALSE
MW-6	04/11/14	147	FALSE
MW-6	10/01/14	135	FALSE

MW-7	**04/13/98**	**330**	**TRUE**
MW-7	**11/11/98**	**360**	**TRUE**
MW-7	**04/26/99**	**275**	**TRUE**
MW-7	**11/02/99**	**273**	**TRUE**
MW-7	**04/03/00**	**275**	**TRUE**
MW-7	**11/06/00**	**300**	**TRUE**
MW-7	**04/29/02**	**365**	**TRUE**
MW-7	**10/28/02**	**500**	**TRUE**
MW-7	**03/25/03**	**495**	**TRUE**
MW-7	**09/29/03**	**450**	**TRUE**
MW-7	**03/30/04**	**401**	**TRUE**
MW-7	**09/27/04**	**702**	**TRUE**
MW-7	**04/12/05**	**420**	**TRUE**
MW-7	**09/26/05**	**600**	**TRUE**
MW-7	**03/24/06**	**435**	**TRUE**
MW-7	**09/26/06**	**656**	**TRUE**
MW-7	**04/16/07**	**713**	**TRUE**
MW-7	**03/26/08**	**501**	**TRUE**
MW-7	**09/26/08**	**399**	**TRUE**
MW-7	**03/26/09**	**479**	**TRUE**
MW-7	**10/01/09**	**650**	**TRUE**
MW-7	**04/02/10**	**659**	**TRUE**
MW-7	**10/06/10**	**822**	**TRUE**
MW-7	**03/25/11**	**818**	**TRUE**
MW-7	10/05/11	141	FALSE
MW-7	**04/04/12**	**719**	**TRUE**
MW-7	**10/03/12**	**700**	**TRUE**
MW-7	**04/09/13**	**672**	**TRUE**
MW-7	**10/09/13**	**716**	**TRUE**
MW-7	**04/11/14**	**772**	**TRUE**
MW-7	**10/02/14**	**719**	**TRUE**

MW-2	04/15/98	111	FALSE
MW-2	11/11/98	100	FALSE

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MW-2	04/27/99	114	FALSE
MW-2	11/02/99	126	FALSE
MW-2	04/04/00	172	FALSE
MW-2	11/06/00	140	FALSE
MW-2	**04/29/02**	**213**	**TRUE**
MW-2	10/28/02	159	FALSE
MW-2	03/24/03	125	FALSE
MW-2	09/29/03	140	FALSE
MW-2	09/27/04	139	FALSE
MW-2	04/11/05	137	FALSE
MW-2	09/26/05	152	FALSE
MW-2	03/23/06	125	FALSE
MW-2	09/28/06	169	FALSE
MW-2	04/16/07	163	FALSE
MW-2	**09/28/07**	**200**	**TRUE**
MW-2	03/26/08	182	FALSE
MW-2	**09/29/08**	**197**	**TRUE**
MW-2	**03/26/09**	**197**	**TRUE**
MW-2	**10/01/09**	**202**	**TRUE**
MW-2	**04/06/10**	**235**	**TRUE**
MW-2	**10/08/10**	**185**	**TRUE**
MW-2	03/25/11	173	FALSE
MW-2	10/05/11	171	FALSE
MW-2	04/04/12	167	FALSE
MW-2	10/05/12	178	FALSE
MW-2	04/10/13	166	FALSE
MW-2	10/11/13	177.9	FALSE
MW-2	04/17/14	178	FALSE
MW-2	10/01/14	172	FALSE

MW-8	04/17/98	135	FALSE
MW-8	11/10/98	130	FALSE
MW-8	04/26/99	140	FALSE
MW-8	11/01/99	133	FALSE
MW-8	04/03/00	134	FALSE
MW-8	11/07/00	137	FALSE
MW-8	04/29/02	132	FALSE
MW-8	10/28/02	150	FALSE
MW-8	03/25/03	147	FALSE
MW-8	09/30/03	115	FALSE
MW-8	03/30/04	101	FALSE
MW-8	09/27/04	120	FALSE
MW-8	04/12/05	110	FALSE
MW-8	09/27/05	149	FALSE
MW-8	03/23/06	120	FALSE
MW-8	**09/26/06**	**184**	**TRUE**
MW-8	**04/16/07**	**195**	**TRUE**
MW-8	**09/28/07**	**210**	**TRUE**
MW-8	**03/27/08**	**200**	**TRUE**
MW-8	**09/29/08**	**211.7**	**TRUE**
MW-8	**03/25/09**	**210**	**TRUE**
MW-8	**10/05/09**	**209**	**TRUE**
MW-8	**04/06/10**	**212**	**TRUE**
MW-8	**10/08/10**	**240**	**TRUE**
MW-8	**03/29/11**	**257**	**TRUE**
MW-8	**10/06/11**	**264**	**TRUE**

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MW-8	**04/06/12**	**278**	**TRUE**
MW-8	**10/05/12**	**290**	**TRUE**
MW-8	**04/09/13**	**265**	**TRUE**
MW-8	**10/11/13**	**296**	**TRUE**
MW-8	**04/16/14**	**314**	**TRUE**
MW-8	**10/02/14**	**309**	**TRUE**

MW-4	**11/09/98**	**256**	**TRUE**
MW-4	**04/26/99**	**185**	**TRUE**
MW-4	**11/01/99**	**221**	**TRUE**
MW-4	04/04/00	149	FALSE
MW-4	11/06/00	160	FALSE
MW-4	**04/29/02**	**210**	**TRUE**
MW-4	**10/28/02**	**205**	**TRUE**
MW-4	03/24/03	120	FALSE
MW-4	09/29/03	139	FALSE
MW-4	03/29/04	118	FALSE
MW-4	09/27/04	170	FALSE
MW-4	04/11/05	115	FALSE
MW-4	09/26/05	170	FALSE
MW-4	03/24/06	97	FALSE
MW-4	09/27/06	173	FALSE
MW-4	**04/16/07**	**202**	**TRUE**
MW-4	**09/28/07**	**241**	**TRUE**
MW-4	03/26/08	153	FALSE
MW-4	**09/29/08**	**220**	**TRUE**
MW-4	03/26/09	182	FALSE
MW-4	**04/06/10**	**193**	**TRUE**
MW-4	**10/07/10**	**194**	**TRUE**
MW-4	03/29/11	180	FALSE
MW-4	**10/05/11**	**205**	**TRUE**
MW-4	**04/05/12**	**189**	**TRUE**
MW-4	**10/04/12**	**218**	**TRUE**
MW-4	04/10/13	154	FALSE
MW-4	**10/10/13**	**217.4**	**TRUE**
MW-4	04/11/14	156	FALSE
MW-4	**10/01/14**	**210**	**TRUE**

MW-11	**04/29/02**	**187**	**TRUE**
MW-11	**10/29/02**	**342**	**TRUE**
MW-11	**03/25/03**	**233**	**TRUE**
MW-11	**09/30/03**	**189**	**TRUE**
MW-11	**03/30/04**	**200**	**TRUE**
MW-11	**09/27/04**	**267**	**TRUE**
MW-11	04/12/05	180	FALSE
MW-11	**09/26/05**	**220**	**TRUE**
MW-11	**03/23/06**	**211**	**TRUE**
MW-11	**09/26/06**	**253**	**TRUE**
MW-11	**04/16/07**	**303**	**TRUE**
MW-11	**03/27/08**	**272**	**TRUE**
MW-11	**09/30/08**	**295**	**TRUE**
MW-11	**03/26/09**	**286**	**TRUE**
MW-11	**10/05/09**	**283**	**TRUE**
MW-11	**04/06/10**	**300**	**TRUE**
MW-11	**10/08/10**	**322**	**TRUE**

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MW-11	**03/29/11**	**337**	**TRUE**
MW-11	**10/05/11**	**336**	**TRUE**
MW-11	**04/06/12**	**363**	**TRUE**
MW-11	**10/05/12**	**377**	**TRUE**
MW-11	**04/09/13**	**393**	**TRUE**
MW-11	**10/09/13**	**394.1**	**TRUE**
MW-11	**04/17/14**	**393**	**TRUE**
MW-11	**10/01/14**	**374**	**TRUE**

MW-10	04/30/02	148	FALSE
MW-10	**10/29/02**	**206**	**TRUE**
MW-10	**03/25/03**	**187**	**TRUE**
MW-10	09/30/03	140	FALSE
MW-10	03/30/04	135	FALSE
MW-10	09/27/04	140	FALSE
MW-10	04/12/05	139	FALSE
MW-10	09/27/05	159	FALSE
MW-10	03/23/06	145	FALSE
MW-10	**09/26/06**	**196**	**TRUE**
MW-10	**04/16/07**	**212**	**TRUE**
MW-10	**03/26/08**	**220**	**TRUE**
MW-10	**09/26/08**	**238.9**	**TRUE**
MW-10	**03/26/09**	**247**	**TRUE**
MW-10	**10/01/09**	**248**	**TRUE**
MW-10	**04/02/10**	**256**	**TRUE**
MW-10	**10/07/10**	**237**	**TRUE**
MW-10	**03/29/11**	**293**	**TRUE**
MW-10	**10/05/11**	**283**	**TRUE**
MW-10	**04/04/12**	**308**	**TRUE**
MW-10	**10/03/12**	**318**	**TRUE**
MW-10	**04/11/13**	**307**	**TRUE**
MW-10	**10/09/13**	**317.3**	**TRUE**
MW-10	**04/11/14**	**319**	**TRUE**
MW-10	**10/01/14**	**299**	**TRUE**

MW-12	**10/28/02**	**210**	**TRUE**
MW-12	**03/25/03**	**199**	**TRUE**
MW-12	**09/30/03**	**190**	**TRUE**
MW-12	**03/30/04**	**270**	**TRUE**
MW-12	**09/27/04**	**370**	**TRUE**
MW-12	**04/11/05**	**370**	**TRUE**
MW-12	**09/27/05**	**700**	**TRUE**
MW-12	**03/27/06**	**340**	**TRUE**
MW-12	**09/27/06**	**599**	**TRUE**
MW-12	**04/16/07**	**501**	**TRUE**
MW-12	**09/28/07**	**650**	**TRUE**
MW-12	**03/27/08**	**338**	**TRUE**
MW-12	**09/30/08**	**604**	**TRUE**
MW-12	**03/26/09**	**559**	**TRUE**
MW-12	**10/02/09**	**450**	**TRUE**
MW-12	**04/06/10**	**450**	**TRUE**
MW-12	**10/07/10**	**668**	**TRUE**
MW-12	**03/29/11**	**534**	**TRUE**
MW-12	**10/06/11**	**906**	**TRUE**
MW-12	**04/05/12**	**564**	**TRUE**

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MW-12	10/05/12	672	TRUE
MW-12	04/11/13	514	TRUE
MW-12	10/10/13	761	TRUE
MW-12	04/11/14	630	TRUE
MW-12	10/02/14	1175	TRUE
MW-13	09/27/05	170	FALSE
MW-13	03/27/06	151	FALSE
MW-13	09/28/06	247	TRUE
MW-13	04/16/07	289	TRUE
MW-13	09/28/07	283	TRUE
MW-13	03/27/08	304	TRUE
MW-13	09/29/08	305	TRUE
MW-13	03/26/09	325	TRUE
MW-13	10/02/09	352	TRUE
MW-13	04/02/10	336	TRUE
MW-13	10/07/10	361	TRUE
MW-13	03/25/11	391	TRUE
MW-13	10/06/11	353	TRUE
MW-13	04/05/12	396	TRUE
MW-13	10/04/12	353	TRUE
MW-13	04/09/13	372	TRUE
MW-13	10/09/13	478.7	TRUE
MW-13	04/17/14	466	TRUE
MW-13	10/01/14	383	TRUE
MW-14	09/27/06	186	TRUE
MW-14	04/16/07	205	TRUE
MW-14	09/28/07	273	TRUE
MW-14	03/27/08	206	TRUE
MW-14	09/30/08	186.2	TRUE
MW-14	03/26/09	245	TRUE
MW-14	10/02/09	211	TRUE
MW-14	04/06/10	192	TRUE
MW-14	10/07/10	180	FALSE
MW-14	03/29/11	224	TRUE
MW-14	10/06/11	207	TRUE
MW-14	04/05/12	212	TRUE
MW-14	10/05/12	209	TRUE
MW-14	04/11/13	204	TRUE
MW-14	10/11/13	201.8	TRUE
MW-14	04/11/14	207	TRUE
MW-14	10/02/14	211	TRUE
MW-15S	10/10/13	253.2	TRUE
MW-15S	04/11/14	300	TRUE
MW-15S	10/02/14	325	TRUE
MW-3R	10/01/14	191	TRUE

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Non-Parametric Tolerance Interval

Parameter: Iron

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

Total Percent Non-Detects = 3.44828%
Background measurements (n) = 8
Maximum Background Concentration = 11400
Minimum Coverage = 68.8%
Average Coverage = 88.8889%

Location	Date	Value	Significant
MW-12	09/30/03	860	FALSE
MW-12	10/02/09	4810	FALSE
MW-12	**04/06/10**	**508000**	**TRUE**
MW-12	03/29/11	1190	FALSE
MW-12	10/06/11	ND<25 U	FALSE
MW-12	04/05/12	477	FALSE
MW-12	10/10/13	81.1	FALSE
MW-12	04/11/14	296	FALSE
MW-12	10/02/14	402	FALSE
MW-4	09/30/03	260	FALSE
MW-14	10/02/09	4050	FALSE
MW-14	**04/06/10**	**647000**	**TRUE**
MW-14	03/29/11	6680	FALSE
MW-14	10/06/11	2990	FALSE
MW-14	04/05/12	3010	FALSE
MW-14	10/11/13	1050	FALSE
MW-14	04/11/14	56.9	FALSE
MW-14	10/02/14	2300	FALSE
MW-15S	10/10/13	450	FALSE
MW-15S	04/11/14	467	FALSE
MW-15S	10/02/14	2100	FALSE

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Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 8
Compliance measurements = 21
Comparison Level = 300

6 background measurements exceed 300
16 compliance measurements exceed 300

p background = 0.75 = 6 / 8
p compliance = 0.761905 = 16 / 21
p total = 0.758621 = 22 / 29

nPs = 16
mPb = 6
n(1-Ps) = 5
m(1-Pb = 2 < 5.0

Zp = 0.0669598 = 0.0119048 / 0.17779
Z critical = 1.64485 at 95% confidence level

0.0669598 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

You created this PDF from an application that is not licensed to print to novaPDF printer (http://www.novapdf.com)

Non-Parametric Tolerance Interval

Parameter: Manganese

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

Total Percent Non-Detects = 6.89655%
Background measurements (n) = 8
Maximum Background Concentration = 200
Minimum Coverage = 68.8%
Average Coverage = 88.8889%

Location	Date	Value	Significant
MW-12	09/30/03	51	FALSE
MW-12	10/02/09	182	FALSE
MW-12	**04/06/10**	**89800**	**TRUE**
MW-12	03/29/11	117	FALSE
MW-12	10/06/11	126	FALSE
MW-12	04/05/12	61.5	FALSE
MW-12	10/10/13	134	FALSE
MW-12	04/11/14	180	FALSE
MW-12	**10/02/14**	**841**	**TRUE**
MW-4	09/30/03	9.2	FALSE
MW-14	10/02/09	24.9	FALSE
MW-14	**04/06/10**	**ND<2500 U**	**TRUE**
MW-14	03/29/11	40.2	FALSE
MW-14	10/06/11	17.7	FALSE
MW-14	04/05/12	19.8	FALSE
MW-14	10/11/13	5.4	FALSE
MW-14	04/11/14	ND<2.5 U	FALSE
MW-14	10/02/14	18.7	FALSE
MW-15S	**10/10/13**	**2890**	**TRUE**
MW-15S	**04/11/14**	**5320**	**TRUE**
MW-15S	**10/02/14**	**5690**	**TRUE**

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Two-Sample Test of Proportions

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 8
Compliance measurements = 21
Comparison Level = 50

1 background measurements exceed 50
13 compliance measurements exceed 50

p background = 0.125 = 1 / 8
p compliance = 0.619048 = 13 / 21
p total = 0.482759 = 14 / 29

nPs = 13
mPb = 1 < 5.0
n(1-Ps) = 8
m(1-Pb = 7

Zp = 2.37965 = 0.494048 / 0.207614
Z critical = 1.64485 at 95% confidence level

2.37965 > 1.64485
Significance is Indicated at 95% Confidence Level
When Compared to Compliance Limit = 50

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Non-Parametric Tolerance Interval

Parameter: Nickel

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

Total Percent Non-Detects = 40.3361%
Background measurements (n) = 34
Maximum Background Concentration = 120
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	04/13/98	88	FALSE
MW-5	11/11/98	52	FALSE
MW-5	04/26/99	ND<2.5 U	FALSE
MW-5	11/02/99	ND<2.5 U	FALSE
MW-5	04/03/00	ND<2.5 U	FALSE
MW-5	11/06/00	34	FALSE
MW-5	04/30/01	ND<2.5 U	FALSE
MW-5	10/22/01	5.1	FALSE
MW-5	04/29/02	49	FALSE
MW-5	10/28/02	ND<2.5 U	FALSE
MW-5	03/24/03	ND<2.5 U	FALSE
MW-5	09/29/03	ND<2.5 U	FALSE
MW-5	03/30/04	5.1	FALSE
MW-5	09/27/04	ND<2.5 U	FALSE
MW-5	04/12/05	ND<2.5 U	FALSE
MW-5	09/26/05	ND<2.5 U	FALSE
MW-5	03/24/06	ND<2.5 U	FALSE
MW-5	09/26/06	9.5	FALSE
MW-5	03/27/07	ND<25 U	FALSE
MW-5	09/27/07	ND<2.5 U	FALSE
MW-5	03/26/08	5.1	FALSE
MW-5	09/30/08	6.2	FALSE
MW-5	03/26/09	7.3	FALSE
MW-5	10/02/09	11.8	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	04/11/13	ND<1.25 U	FALSE
MW-5	10/09/13	ND<2.5 U	FALSE
MW-5	04/17/14	ND<2.5 U	FALSE
MW-5	10/01/14	ND<2.5 U	FALSE
MW-6	04/13/98	24	FALSE
MW-6	11/11/98	28	FALSE
MW-6	04/26/99	12 I	FALSE
MW-6	11/02/99	10 I	FALSE
MW-6	04/03/00	ND<2.5 U	FALSE
MW-6	11/06/00	31	FALSE
MW-6	04/30/01	12	FALSE
MW-6	**10/22/01**	**170**	**TRUE**

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MW-6	04/29/02	94	FALSE
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	09/29/03	100	FALSE
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	09/27/04	12	FALSE
MW-6	04/12/05	92	FALSE
MW-6	09/26/05	8	FALSE
MW-6	03/24/06	6.3	FALSE
MW-6	09/26/06	24	FALSE
MW-6	03/27/07	ND<25 U	FALSE
MW-6	09/27/07	1.8 J	FALSE
MW-6	03/26/08	12.2	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	04/02/10	10.4	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	04/09/13	ND<1.25 U	FALSE
MW-6	10/09/13	ND<2.5 U	FALSE
MW-6	04/11/14	ND<2.5 U	FALSE
MW-6	10/01/14	ND<2.5 U	FALSE

MW-7	04/13/98	85	FALSE
MW-7	11/11/98	64	FALSE
MW-7	04/26/99	9 I	FALSE
MW-7	11/02/99	10 I	FALSE
MW-7	04/03/00	8 I	FALSE
MW-7	11/06/00	52	FALSE
MW-7	04/30/01	36	FALSE
MW-7	**10/22/01**	**340**	**TRUE**
MW-7	**04/29/02**	**170**	**TRUE**
MW-7	10/28/02	41	FALSE
MW-7	03/25/03	12	FALSE
MW-7	09/29/03	92	FALSE
MW-7	03/30/04	13	FALSE
MW-7	09/27/04	28	FALSE
MW-7	**04/12/05**	**250**	**TRUE**
MW-7	09/26/05	42	FALSE
MW-7	03/24/06	13	FALSE
MW-7	09/26/06	18	FALSE
MW-7	03/27/07	18 J	FALSE
MW-7	09/27/07	14.2	FALSE
MW-7	03/26/08	14.2	FALSE
MW-7	09/26/08	13.3	FALSE
MW-7	03/26/09	7.3	FALSE
MW-7	10/01/09	11.8	FALSE
MW-7	04/02/10	7	FALSE
MW-7	10/06/10	ND<2.5 U	FALSE
MW-7	03/25/11	6	FALSE
MW-7	10/05/11	10.8	FALSE
MW-7	04/04/12	8.8	FALSE

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MW-7	10/03/12	12.2	FALSE
MW-7	04/09/13	12.4	FALSE
MW-7	10/09/13	14.7	FALSE
MW-7	04/11/14	13	FALSE
MW-7	10/02/14	10.4	FALSE

MW-2	04/15/98	49	FALSE
MW-2	11/11/98	40	FALSE
MW-2	04/27/99	5 I	FALSE
MW-2	11/02/99	18 I	FALSE
MW-2	04/04/00	16 I	FALSE
MW-2	11/06/00	6.5	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE
MW-2	10/22/01	61	FALSE
MW-2	04/29/02	92	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	03/24/03	6.7	FALSE
MW-2	09/29/03	32	FALSE
MW-2	03/29/04	21	FALSE
MW-2	09/27/04	66	FALSE
MW-2	04/11/05	97	FALSE
MW-2	09/26/05	54	FALSE
MW-2	03/23/06	92	FALSE
MW-2	09/28/06	23	FALSE
MW-2	03/27/07	ND<25 U	FALSE
MW-2	09/28/07	80.6	FALSE
MW-2	03/26/08	ND<0.85 U	FALSE
MW-2	09/29/08	10.1	FALSE
MW-2	03/26/09	40.9	FALSE
MW-2	10/01/09	84.8	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	10/08/10	ND<2.5 U	FALSE
MW-2	03/25/11	ND<2.5 U	FALSE
MW-2	10/05/11	7.5	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	04/10/13	6	FALSE
MW-2	10/11/13	ND<2.5 U	FALSE
MW-2	04/17/14	ND<2.5 U	FALSE
MW-2	10/01/14	ND<2.5 U	FALSE

MW-4	**04/15/98**	**126**	**TRUE**
MW-4	11/09/98	33	FALSE
MW-4	04/26/99	15 I	FALSE
MW-4	11/01/99	13 I	FALSE
MW-4	04/04/00	20 I	FALSE
MW-4	11/06/00	6.7	FALSE
MW-4	04/30/01	6	FALSE
MW-4	10/22/01	21	FALSE
MW-4	04/29/02	18	FALSE
MW-4	10/28/02	8.5	FALSE
MW-4	03/24/03	5.5	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	03/29/04	13	FALSE
MW-4	09/27/04	ND<2.5 U	FALSE

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MW-4	04/11/05	35	FALSE
MW-4	09/26/05	9.4	FALSE
MW-4	03/24/06	12	FALSE
MW-4	09/27/06	6.9	FALSE
MW-4	03/27/07	2.5 J	FALSE
MW-4	09/28/07	6.5	FALSE
MW-4	03/26/08	5	FALSE
MW-4	09/29/08	8.1	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	10/02/09	6.2	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	10/05/11	ND<2.5 U	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	04/10/13	18.7	FALSE
MW-4	10/10/13	ND<2.5 U	FALSE
MW-4	04/11/14	ND<2.5 U	FALSE
MW-4	10/01/14	ND<2.5 U	FALSE

MW-8	04/17/98	38	FALSE
MW-8	11/10/98	40	FALSE
MW-8	04/26/99	8 I	FALSE
MW-8	11/01/99	7 I	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	11/07/00	7.8	FALSE
MW-8	04/30/01	16	FALSE
MW-8	10/22/01	65	FALSE
MW-8	01/14/02	ND<2.5 U	FALSE
MW-8	04/29/02	30	FALSE
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	09/30/03	ND<2.5 U	FALSE
MW-8	03/30/04	5.2	FALSE
MW-8	09/27/04	ND<2.5 U	FALSE
MW-8	04/12/05	9.7	FALSE
MW-8	09/27/05	ND<2.5 U	FALSE
MW-8	03/23/06	ND<2.5 U	FALSE
MW-8	09/26/06	ND<2.5 U	FALSE
MW-8	03/27/07	ND<25 U	FALSE
MW-8	09/28/07	ND<2.5 U	FALSE
MW-8	03/27/08	ND<0.85 U	FALSE
MW-8	09/29/08	9.7	FALSE
MW-8	03/25/09	ND<2.5 U	FALSE
MW-8	10/05/09	ND<2.5 U	FALSE
MW-8	04/06/10	ND<2.5 U	FALSE
MW-8	10/08/10	ND<2.5 U	FALSE
MW-8	03/29/11	ND<2.5 U	FALSE
MW-8	10/06/11	ND<2.5 U	FALSE
MW-8	04/06/12	ND<2.5 U	FALSE
MW-8	10/05/12	ND<2.5 U	FALSE
MW-8	04/09/13	ND<1.25 U	FALSE
MW-8	10/11/13	ND<2.5 U	FALSE
MW-8	04/16/14	ND<2.5 U	FALSE
MW-8	10/02/14	5.6	FALSE

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MW-11	04/29/02	120	FALSE
MW-11	10/29/02	ND<2.5 U	FALSE
MW-11	03/25/03	21	FALSE
MW-11	09/29/03	20	FALSE
MW-11	03/30/04	48	FALSE
MW-11	09/27/04	19	FALSE
MW-11	04/12/05	32	FALSE
MW-11	09/26/05	35	FALSE
MW-11	03/23/06	68	FALSE
MW-11	09/26/06	29	FALSE
MW-11	03/27/07	23 J	FALSE
MW-11	09/27/07	80.3	FALSE
MW-11	03/27/08	59.8	FALSE
MW-11	09/30/08	26.8	FALSE
MW-11	03/26/09	48.6	FALSE
MW-11	10/05/09	31.6	FALSE
MW-11	04/06/10	10	FALSE
MW-11	10/08/10	8.3	FALSE
MW-11	03/29/11	15.7	FALSE
MW-11	10/05/11	7.9	FALSE
MW-11	04/06/12	9.2	FALSE
MW-11	10/05/12	12.8	FALSE
MW-11	04/09/13	5.3	FALSE
MW-11	10/09/13	15.4	FALSE
MW-11	04/17/14	8.9	FALSE
MW-11	10/01/14	6.6	FALSE

MW-10	04/30/02	16	FALSE
MW-10	10/29/02	35	FALSE
MW-10	03/25/03	36	FALSE
MW-10	09/30/03	23	FALSE
MW-10	03/30/04	8.7	FALSE
MW-10	09/27/04	18	FALSE
MW-10	04/12/05	36	FALSE
MW-10	09/27/05	14	FALSE
MW-10	03/23/06	18	FALSE
MW-10	09/26/06	14	FALSE
MW-10	03/27/07	1.8 J	FALSE
MW-10	09/27/07	5.6	FALSE
MW-10	03/26/08	ND<0.85 U	FALSE
MW-10	09/26/08	7.3	FALSE
MW-10	03/26/09	ND<2.5 U	FALSE
MW-10	10/01/09	5.9	FALSE
MW-10	04/02/10	ND<2.5 U	FALSE
MW-10	10/07/10	ND<2.5 U	FALSE
MW-10	03/29/11	ND<2.5 U	FALSE
MW-10	10/05/11	ND<2.5 U	FALSE
MW-10	04/04/12	ND<2.5 U	FALSE
MW-10	10/03/12	ND<2.5 U	FALSE
MW-10	04/11/13	ND<1.25 U	FALSE
MW-10	10/09/13	ND<2.5 U	FALSE
MW-10	04/11/14	ND<2.5 U	FALSE
MW-10	10/01/14	ND<2.5 U	FALSE

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MW-12	10/28/02	ND<2.5 U	FALSE
MW-12	03/25/03	48	FALSE
MW-12	09/30/03	9.1	FALSE
MW-12	03/30/04	5	FALSE
MW-12	09/27/04	23	FALSE
MW-12	04/11/05	21	FALSE
MW-12	09/27/05	22	FALSE
MW-12	03/27/06	18	FALSE
MW-12	09/27/06	18	FALSE
MW-12	03/27/07	5.9 J	FALSE
MW-12	09/28/07	61.6	FALSE
MW-12	03/27/08	11.7	FALSE
MW-12	09/30/08	10.7	FALSE
MW-12	03/26/09	21.1	FALSE
MW-12	10/02/09	14.6	FALSE
MW-12	04/06/10	ND<2.5 U	FALSE
MW-12	10/07/10	13.1	FALSE
MW-12	03/29/11	7.3	FALSE
MW-12	10/06/11	12.7	FALSE
MW-12	04/05/12	ND<2.5 U	FALSE
MW-12	10/05/12	ND<2.5 U	FALSE
MW-12	04/11/13	5.8	FALSE
MW-12	10/10/13	11.9	FALSE
MW-12	04/11/14	5.3	FALSE
MW-12	10/02/14	26	FALSE
MW-13	09/27/05	ND<2.5 U	FALSE
MW-13	03/27/06	ND<2.5 U	FALSE
MW-13	09/28/06	ND<2.5 U	FALSE
MW-13	03/27/07	ND<25 U	FALSE
MW-13	09/28/07	2.4 J	FALSE
MW-13	03/27/08	ND<0.85 U	FALSE
MW-13	09/29/08	ND<2.5 U	FALSE
MW-13	03/26/09	ND<2.5 U	FALSE
MW-13	10/02/09	ND<2.5 U	FALSE
MW-13	04/02/10	12	FALSE
MW-13	10/07/10	ND<2.5 U	FALSE
MW-13	03/25/11	9	FALSE
MW-13	10/06/11	ND<2.5 U	FALSE
MW-13	04/05/12	ND<2.5 U	FALSE
MW-13	10/04/12	ND<2.5 U	FALSE
MW-13	04/09/13	7.2	FALSE
MW-13	10/09/13	ND<2.5 U	FALSE
MW-13	04/17/14	9.3	FALSE
MW-13	10/01/14	ND<2.5 U	FALSE
MW-14	**09/27/06**	**130**	**TRUE**
MW-14	03/27/07	4.8 J	FALSE
MW-14	09/28/07	35.6	FALSE
MW-14	03/27/08	20.1	FALSE
MW-14	09/30/08	6.7	FALSE
MW-14	03/26/09	ND<2.5 U	FALSE
MW-14	10/02/09	5	FALSE
MW-14	04/06/10	ND<2.5 U	FALSE

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MW-14	10/07/10	ND<2.5 U	FALSE
MW-14	03/29/11	ND<2.5 U	FALSE
MW-14	10/06/11	ND<2.5 U	FALSE
MW-14	04/05/12	ND<2.5 U	FALSE
MW-14	10/05/12	ND<2.5 U	FALSE
MW-14	04/11/13	ND<2.5 U	FALSE
MW-14	10/11/13	ND<2.5 U	FALSE
MW-14	04/11/14	ND<2.5 U	FALSE
MW-14	10/02/14	ND<2.5 U	FALSE
MW-15S	10/10/13	6.3	FALSE
MW-15S	04/11/14	7.5	FALSE
MW-15S	10/02/14	9.4	FALSE
MW-3R	07/29/14	4.6 J	FALSE
MW-3R	10/01/14	10.7	FALSE

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Non-Parametric Tolerance Interval

Parameter: pH

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

Total Percent Non-Detects = 0%
Background measurements (n) = 30
Maximum Background Concentration = 16.8
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5	04/13/98	9.74	FALSE
MW-5	11/11/98	9.7	FALSE
MW-5	04/26/99	10.3	FALSE
MW-5	11/02/99	10.07	FALSE
MW-5	04/03/00	10.88	FALSE
MW-5	11/06/00	9	FALSE
MW-5	04/29/02	8.3	FALSE
MW-5	10/28/02	9.2	FALSE
MW-5	03/24/03	9.65	FALSE
MW-5	09/29/03	9.34	FALSE
MW-5	03/30/04	6.18	FALSE
MW-5	09/27/04	8.54	FALSE
MW-5	04/12/05	6.84	FALSE
MW-5	09/26/05	9.14	FALSE
MW-5	03/24/06	7.42	FALSE
MW-5	09/26/06	7.23	FALSE
MW-5	04/16/07	6.41	FALSE
MW-5	03/26/08	7.4	FALSE
MW-5	09/30/08	6.1	FALSE
MW-5	03/26/09	6.36	FALSE
MW-5	10/02/09	6	FALSE
MW-5	04/02/10	6.16	FALSE
MW-5	10/06/10	6.2	FALSE
MW-5	03/25/11	6.13	FALSE
MW-5	10/05/11	6.5	FALSE
MW-5	04/05/12	6.2	FALSE
MW-5	10/03/12	6.3	FALSE
MW-5	04/11/13	6.4	FALSE
MW-5	10/09/13	6.4	FALSE
MW-5	04/17/14	6.4	FALSE
MW-5	10/01/14	6.3	FALSE
MW-6	04/13/98	6.1	FALSE
MW-6	11/11/98	6.18	FALSE
MW-6	04/26/99	5.8	FALSE
MW-6	11/02/99	6.11	FALSE
MW-6	04/03/00	5.89	FALSE
MW-6	11/06/00	6.1	FALSE
MW-6	04/29/02	4.9	FALSE
MW-6	10/28/02	6	FALSE
MW-6	03/25/03	5.1	FALSE
MW-6	09/29/03	5.41	FALSE
MW-6	03/30/04	5.53	FALSE

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MW-6	09/27/04	6.18	FALSE
MW-6	04/12/05	5.75	FALSE
MW-6	09/26/05	6.28	FALSE
MW-6	03/24/06	6.2	FALSE
MW-6	09/26/06	6.28	FALSE
MW-6	04/16/07	6.19	FALSE
MW-6	03/26/08	6.29	FALSE
MW-6	09/30/08	5.85	FALSE
MW-6	03/26/09	5.9	FALSE
MW-6	10/02/09	5.54	FALSE
MW-6	04/02/10	5.72	FALSE
MW-6	10/06/10	5.86	FALSE
MW-6	03/25/11	5.78	FALSE
MW-6	10/05/11	6.2	FALSE
MW-6	04/04/12	6	FALSE
MW-6	10/03/12	6.1	FALSE
MW-6	04/09/13	5.9	FALSE
MW-6	10/09/13	6.2	FALSE
MW-6	04/11/14	6	FALSE
MW-6	10/01/14	6	FALSE

MW-7	04/13/98	6.21	FALSE
MW-7	11/11/98	6.5	FALSE
MW-7	04/26/99	6.4	FALSE
MW-7	11/02/99	7.46	FALSE
MW-7	04/03/00	6.4	FALSE
MW-7	11/06/00	7.2	FALSE
MW-7	04/29/02	5.8	FALSE
MW-7	10/28/02	5.7	FALSE
MW-7	03/25/03	5.7	FALSE
MW-7	09/29/03	6.42	FALSE
MW-7	03/30/04	6.13	FALSE
MW-7	09/27/04	6.51	FALSE
MW-7	04/12/05	6.5	FALSE
MW-7	09/26/05	6.37	FALSE
MW-7	03/24/06	6.62	FALSE
MW-7	09/26/06	6.47	FALSE
MW-7	04/16/07	6.27	FALSE
MW-7	03/26/08	6.56	FALSE
MW-7	09/26/08	6.32	FALSE
MW-7	03/26/09	6.6	FALSE
MW-7	10/01/09	6.19	FALSE
MW-7	04/02/10	6.1	FALSE
MW-7	10/06/10	6.12	FALSE
MW-7	03/25/11	6.04	FALSE
MW-7	10/05/11	6.2	FALSE
MW-7	04/04/12	6.2	FALSE
MW-7	10/03/12	6.1	FALSE
MW-7	04/09/13	6.1	FALSE
MW-7	10/09/13	6.3	FALSE
MW-7	04/11/14	6.4	FALSE
MW-7	10/02/14	6.4	FALSE

MW-2	04/15/98	6.2	FALSE
MW-2	11/11/98	6.57	FALSE

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MW-2	04/27/99	6.07	FALSE
MW-2	11/02/99	6.27	FALSE
MW-2	04/04/00	6.12	FALSE
MW-2	11/06/00	6.5	FALSE
MW-2	04/29/02	5.4	FALSE
MW-2	10/28/02	6.51	FALSE
MW-2	03/24/03	6.42	FALSE
MW-2	09/29/03	6.41	FALSE
MW-2	09/27/04	6.29	FALSE
MW-2	04/11/05	6.12	FALSE
MW-2	09/26/05	6.43	FALSE
MW-2	03/23/06	6.79	FALSE
MW-2	09/28/06	6.32	FALSE
MW-2	04/16/07	6.03	FALSE
MW-2	09/28/07	6.67	FALSE
MW-2	03/26/08	6.54	FALSE
MW-2	09/29/08	6.02	FALSE
MW-2	03/26/09	6.2	FALSE
MW-2	10/01/09	5.83	FALSE
MW-2	04/06/10	6.5	FALSE
MW-2	10/08/10	5.66	FALSE
MW-2	03/25/11	5.64	FALSE
MW-2	10/05/11	6.1	FALSE
MW-2	04/04/12	6	FALSE
MW-2	10/05/12	6	FALSE
MW-2	04/10/13	6.3	FALSE
MW-2	10/11/13	6	FALSE
MW-2	04/17/14	6.1	FALSE
MW-2	10/01/14	5.9	FALSE

MW-8	04/17/98	6.42	FALSE
MW-8	11/10/98	6.5	FALSE
MW-8	04/26/99	7.18	FALSE
MW-8	11/01/99	6.64	FALSE
MW-8	04/03/00	6.62	FALSE
MW-8	11/07/00	7	FALSE
MW-8	04/29/02	6	FALSE
MW-8	10/28/02	5.9	FALSE
MW-8	03/25/03	6.14	FALSE
MW-8	09/30/03	6.5	FALSE
MW-8	03/30/04	6.42	FALSE
MW-8	09/27/04	6.8	FALSE
MW-8	04/12/05	6.14	FALSE
MW-8	09/27/05	6.59	FALSE
MW-8	03/23/06	6.86	FALSE
MW-8	09/26/06	6.7	FALSE
MW-8	04/16/07	6.65	FALSE
MW-8	09/28/07	6.9	FALSE
MW-8	03/27/08	6.45	FALSE
MW-8	09/29/08	6.67	FALSE
MW-8	03/25/09	6.39	FALSE
MW-8	10/05/09	6.35	FALSE
MW-8	04/06/10	6.37	FALSE
MW-8	10/08/10	6.11	FALSE
MW-8	03/29/11	6.52	FALSE
MW-8	10/06/11	6.3	FALSE

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MW-8	04/06/12	6.7	FALSE
MW-8	10/05/12	6.6	FALSE
MW-8	04/09/13	6.4	FALSE
MW-8	10/11/13	6.5	FALSE
MW-8	04/16/14	6.6	FALSE
MW-8	10/02/14	6.5	FALSE

MW-4	11/09/98	6.6	FALSE
MW-4	04/26/99	6.11	FALSE
MW-4	11/01/99	0.27	FALSE
MW-4	04/04/00	5.9	FALSE
MW-4	11/06/00	5.6	FALSE
MW-4	04/29/02	6.1	FALSE
MW-4	10/28/02	6.62	FALSE
MW-4	03/24/03	6.11	FALSE
MW-4	09/29/03	5.32	FALSE
MW-4	03/29/04	6.02	FALSE
MW-4	09/27/04	6.05	FALSE
MW-4	04/11/05	5.95	FALSE
MW-4	09/26/05	6.3	FALSE
MW-4	03/24/06	5.9	FALSE
MW-4	09/27/06	6.31	FALSE
MW-4	04/16/07	6.39	FALSE
MW-4	09/28/07	6.82	FALSE
MW-4	03/26/08	6.51	FALSE
MW-4	09/29/08	6.2	FALSE
MW-4	03/26/09	6.01	FALSE
MW-4	10/02/09	5.78	FALSE
MW-4	04/06/10	6.01	FALSE
MW-4	10/07/10	6.07	FALSE
MW-4	03/29/11	6.08	FALSE
MW-4	10/05/11	6.3	FALSE
MW-4	04/05/12	6	FALSE
MW-4	10/04/12	6.3	FALSE
MW-4	04/10/13	6.1	FALSE
MW-4	10/10/13	6.4	FALSE
MW-4	04/11/14	6.1	FALSE
MW-4	10/01/14	6.2	FALSE

MW-11	04/29/02	6.1	FALSE
MW-11	10/29/02	6.3	FALSE
MW-11	03/25/03	5.91	FALSE
MW-11	09/30/03	6.57	FALSE
MW-11	03/30/04	6.33	FALSE
MW-11	09/27/04	7.03	FALSE
MW-11	04/12/05	6.6	FALSE
MW-11	09/26/05	6.89	FALSE
MW-11	03/23/06	6.77	FALSE
MW-11	09/26/06	6.56	FALSE
MW-11	04/16/07	6.82	FALSE
MW-11	03/27/08	6.97	FALSE
MW-11	09/30/08	6.59	FALSE
MW-11	03/26/09	6.52	FALSE
MW-11	10/05/09	6.34	FALSE
MW-11	04/06/10	6.5	FALSE

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MW-11	10/08/10	6.49	FALSE
MW-11	03/29/11	6.62	FALSE
MW-11	10/05/11	6.9	FALSE
MW-11	04/06/12	6.8	FALSE
MW-11	10/05/12	6.7	FALSE
MW-11	04/09/13	6.5	FALSE
MW-11	10/09/13	6.7	FALSE
MW-11	04/17/14	6.7	FALSE
MW-11	10/01/14	6.6	FALSE

MW-10	04/30/02	6.4	FALSE
MW-10	10/29/02	5.6	FALSE
MW-10	03/25/03	5.5	FALSE
MW-10	09/30/03	6.02	FALSE
MW-10	03/30/04	5.8	FALSE
MW-10	09/27/04	6.14	FALSE
MW-10	04/12/05	6.52	FALSE
MW-10	09/27/05	6.22	FALSE
MW-10	03/23/06	6.63	FALSE
MW-10	09/26/06	6.37	FALSE
MW-10	04/16/07	6.26	FALSE
MW-10	03/26/08	6.45	FALSE
MW-10	09/26/08	5.97	FALSE
MW-10	03/26/09	6.1	FALSE
MW-10	10/01/09	5.85	FALSE
MW-10	04/02/10	6.03	FALSE
MW-10	10/07/10	5.97	FALSE
MW-10	03/29/11	6.16	FALSE
MW-10	10/05/11	6.4	FALSE
MW-10	04/04/12	6.1	FALSE
MW-10	10/03/12	6	FALSE
MW-10	04/11/13	6.1	FALSE
MW-10	10/09/13	6.3	FALSE
MW-10	04/11/14	6.2	FALSE
MW-10	10/01/14	6	FALSE

MW-12	10/28/02	6.17	FALSE
MW-12	03/25/03	6.33	FALSE
MW-12	09/30/03	5.66	FALSE
MW-12	03/30/04	5.9	FALSE
MW-12	09/27/04	6.01	FALSE
MW-12	04/11/05	5.58	FALSE
MW-12	09/27/05	6.24	FALSE
MW-12	03/27/06	6.52	FALSE
MW-12	09/27/06	6.34	FALSE
MW-12	04/16/07	6.14	FALSE
MW-12	09/28/07	6.44	FALSE
MW-12	03/27/08	6.72	FALSE
MW-12	09/30/08	5.95	FALSE
MW-12	03/26/09	6.22	FALSE
MW-12	10/02/09	6.02	FALSE
MW-12	04/06/10	6.16	FALSE
MW-12	10/07/10	6.19	FALSE
MW-12	03/29/11	5.98	FALSE
MW-12	10/06/11	6.3	FALSE

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MW-12	04/05/12	6	FALSE
MW-12	10/05/12	6.2	FALSE
MW-12	04/11/13	6.2	FALSE
MW-12	10/10/13	6.3	FALSE
MW-12	04/11/14	6.2	FALSE
MW-12	10/02/14	6.2	FALSE
MW-13	09/27/05	6.14	FALSE
MW-13	03/27/06	6.27	FALSE
MW-13	09/28/06	6.38	FALSE
MW-13	04/16/07	6.45	FALSE
MW-13	09/28/07	6.95	FALSE
MW-13	03/27/08	6.88	FALSE
MW-13	09/29/08	6.27	FALSE
MW-13	03/26/09	6.8	FALSE
MW-13	10/02/09	6.27	FALSE
MW-13	04/02/10	6.34	FALSE
MW-13	10/07/10	6.36	FALSE
MW-13	03/25/11	6.35	FALSE
MW-13	10/06/11	6.5	FALSE
MW-13	04/05/12	6.5	FALSE
MW-13	10/04/12	6.5	FALSE
MW-13	04/09/13	6.3	FALSE
MW-13	10/09/13	6.7	FALSE
MW-13	04/17/14	6.8	FALSE
MW-13	10/01/14	6.6	FALSE
MW-14	09/27/06	6.52	FALSE
MW-14	04/16/07	6.24	FALSE
MW-14	09/28/07	7.52	FALSE
MW-14	03/27/08	6.99	FALSE
MW-14	09/30/08	6.1	FALSE
MW-14	03/26/09	6.39	FALSE
MW-14	10/02/09	6.26	FALSE
MW-14	04/06/10	6	FALSE
MW-14	10/07/10	6.27	FALSE
MW-14	03/29/11	6.52	FALSE
MW-14	10/06/11	6.6	FALSE
MW-14	04/05/12	6.1	FALSE
MW-14	10/05/12	6.4	FALSE
MW-14	04/11/13	6.2	FALSE
MW-14	10/11/13	6.3	FALSE
MW-14	04/11/14	6.3	FALSE
MW-14	10/02/14	6.5	FALSE
MW-15S	10/10/13	6	FALSE
MW-15S	04/11/14	5.9	FALSE
MW-15S	10/02/14	6	FALSE
MW-3R	10/01/14	6.3	FALSE

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Non-Parametric Tolerance Interval

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 0%
Background measurements (n) = 9
Maximum Background Concentration = 21300
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-12	10/02/09	53600	TRUE
MW-12	04/06/10	66400	TRUE
MW-12	10/07/10	106000	TRUE
MW-12	03/29/11	77400	TRUE
MW-12	10/06/11	201000	TRUE
MW-12	04/05/12	88300	TRUE
MW-12	10/10/13	177000	TRUE
MW-12	04/11/14	131000	TRUE
MW-12	10/02/14	322000	TRUE
MW-14	10/02/09	28900	TRUE
MW-14	04/06/10	30100	TRUE
MW-14	10/07/10	24700	TRUE
MW-14	03/29/11	27600	TRUE
MW-14	10/06/11	24200	TRUE
MW-14	04/05/12	26100	TRUE
MW-14	10/11/13	32200	TRUE
MW-14	04/11/14	31700	TRUE
MW-14	10/02/14	27700	TRUE
MW-15S	10/10/13	22700	TRUE
MW-15S	04/11/14	31500	TRUE
MW-15S	10/02/14	31000	TRUE

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Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 9
Compliance measurements = 21
Comparison Level = 250000

0 background measurements exceed 250000
1 compliance measurements exceed 250000

p background = 0 = 0 / 9
p compliance = 0.047619 = 1 / 21
p total = 0.0333333 = 1 / 30

nPs = 1 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 20
m(1-Pb = 9

Zp = 0.665845 = 0.047619 / 0.0715167
Z critical = 1.64485 at 95% confidence level

0.665845 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 250000

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Non-Parametric Tolerance Interval

Parameter: Total Dissolved Solids

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

Total Percent Non-Detects = 0%
Background measurements (n) = 6
Maximum Background Concentration = 147000
Minimum Coverage = 60.7%
Average Coverage = 85.7143%

Location	Date	Value	Significant
MW-12	03/29/11	330000	TRUE
MW-12	10/06/11	567000	TRUE
MW-12	04/05/12	343000	TRUE
MW-12	10/10/13	517000	TRUE
MW-12	04/11/14	435000	TRUE
MW-12	10/02/14	846000	TRUE
MW-14	03/29/11	260000	TRUE
MW-14	10/06/11	182000	TRUE
MW-14	04/05/12	167000	TRUE
MW-14	10/11/13	167000	TRUE
MW-14	04/11/14	175000	TRUE
MW-14	10/02/14	197000	TRUE
MW-15S	10/10/13	150000	TRUE
MW-15S	04/11/14	181000	TRUE
MW-15S	10/02/14	193000	TRUE

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Two-Sample Test of Proportions

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 6
Compliance measurements = 15
Comparison Level = 500000

0 background measurements exceed 500000
3 compliance measurements exceed 500000

p background = 0 = 0 / 6
p compliance = 0.2 = 3 / 15
p total = 0.142857 = 3 / 21

nPs = 3 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 12
m(1-Pb = 6

Zp = 1.18322 = 0.2 / 0.169031
Z critical = 1.64485 at 95% confidence level

1.18322 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 500000

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Non-Parametric Tolerance Interval

Parameter: Vanadium

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

Total Percent Non-Detects = 36.4146%
Background measurements (n) = 34
Maximum Background Concentration = 131
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	**04/13/98**	**198**	**TRUE**
MW-5	11/11/98	116	FALSE
MW-5	04/26/99	50	FALSE
MW-5	11/02/99	50	FALSE
MW-5	04/03/00	52	FALSE
MW-5	11/06/00	55	FALSE
MW-5	04/30/01	51	FALSE
MW-5	10/22/01	38	FALSE
MW-5	04/29/02	130	FALSE
MW-5	10/28/02	13	FALSE
MW-5	03/24/03	38	FALSE
MW-5	09/29/03	28	FALSE
MW-5	03/30/04	15	FALSE
MW-5	09/27/04	25	FALSE
MW-5	04/12/05	13	FALSE
MW-5	09/26/05	26	FALSE
MW-5	03/24/06	11	FALSE
MW-5	09/26/06	25	FALSE
MW-5	03/27/07	7.8 J	FALSE
MW-5	09/27/07	8.3	FALSE
MW-5	03/26/08	13.7	FALSE
MW-5	09/30/08	8.8	FALSE
MW-5	03/26/09	20.7	FALSE
MW-5	10/02/09	24.2	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	6.4	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	04/11/13	5.1	FALSE
MW-5	10/09/13	ND<2.5 U	FALSE
MW-5	04/17/14	ND<2.5 U	FALSE
MW-5	10/01/14	ND<2.5 U	FALSE
MW-6	04/13/98	74	FALSE
MW-6	11/11/98	86	FALSE
MW-6	04/26/99	35	FALSE
MW-6	11/02/99	30	FALSE
MW-6	04/03/00	8 I	FALSE
MW-6	11/06/00	49	FALSE
MW-6	04/30/01	15	FALSE
MW-6	**10/22/01**	**550**	**TRUE**

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MW-6	**04/29/02**	**350**	**TRUE**
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	**09/29/03**	**380**	**TRUE**
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	09/27/04	49	FALSE
MW-6	**04/12/05**	**430**	**TRUE**
MW-6	09/26/05	29	FALSE
MW-6	03/24/06	18	FALSE
MW-6	09/26/06	120	FALSE
MW-6	03/27/07	2.2 J	FALSE
MW-6	09/27/07	7.7	FALSE
MW-6	03/26/08	48.1	FALSE
MW-6	09/30/08	6.1	FALSE
MW-6	03/26/09	8.2	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	04/02/10	38.3	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	04/09/13	ND<1.25 U	FALSE
MW-6	10/09/13	ND<2.5 U	FALSE
MW-6	04/11/14	ND<2.5 U	FALSE
MW-6	10/01/14	ND<2.5 U	FALSE

MW-7	**04/13/98**	**134**	**TRUE**
MW-7	11/11/98	105	FALSE
MW-7	04/26/99	7 I	FALSE
MW-7	11/02/99	10 I	FALSE
MW-7	04/03/00	ND<2.5 U	FALSE
MW-7	11/06/00	46	FALSE
MW-7	04/30/01	39	FALSE
MW-7	**10/22/01**	**620**	**TRUE**
MW-7	**04/29/02**	**310**	**TRUE**
MW-7	10/28/02	49	FALSE
MW-7	03/25/03	11	FALSE
MW-7	**09/29/03**	**140**	**TRUE**
MW-7	03/30/04	ND<2.5 U	FALSE
MW-7	09/27/04	26	FALSE
MW-7	**04/12/05**	**480**	**TRUE**
MW-7	09/26/05	48	FALSE
MW-7	03/24/06	5.5	FALSE
MW-7	09/26/06	11	FALSE
MW-7	03/27/07	23 J	FALSE
MW-7	09/27/07	8.3	FALSE
MW-7	03/26/08	9.6	FALSE
MW-7	09/26/08	9.9	FALSE
MW-7	03/26/09	7.7	FALSE
MW-7	10/01/09	ND<2.5 U	FALSE
MW-7	04/02/10	ND<2.5 U	FALSE
MW-7	10/06/10	ND<2.5 U	FALSE
MW-7	03/25/11	ND<2.5 U	FALSE
MW-7	10/05/11	58.4	FALSE
MW-7	04/04/12	ND<2.5 U	FALSE

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MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/09/13	ND<1.25 U	FALSE
MW-7	10/09/13	ND<2.5 U	FALSE
MW-7	04/11/14	ND<2.5 U	FALSE
MW-7	10/02/14	ND<2.5 U	FALSE

MW-2	04/15/98	47	FALSE
MW-2	11/11/98	36	FALSE
MW-2	04/27/99	ND<2.5 U	FALSE
MW-2	11/02/99	16 I	FALSE
MW-2	04/04/00	14 I	FALSE
MW-2	11/06/00	7.8	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE
MW-2	10/22/01	77	FALSE
MW-2	04/29/02	87	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	03/24/03	6.8	FALSE
MW-2	09/29/03	30	FALSE
MW-2	03/29/04	23	FALSE
MW-2	09/27/04	74	FALSE
MW-2	04/11/05	98	FALSE
MW-2	09/26/05	59	FALSE
MW-2	03/23/06	92	FALSE
MW-2	09/28/06	23	FALSE
MW-2	03/27/07	1.4 J	FALSE
MW-2	09/28/07	76.1	FALSE
MW-2	03/26/08	ND<0.1 U	FALSE
MW-2	09/29/08	11.8	FALSE
MW-2	03/26/09	37.8	FALSE
MW-2	10/01/09	96.8	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	10/08/10	ND<2.5 U	FALSE
MW-2	03/25/11	ND<2.5 U	FALSE
MW-2	10/05/11	12.5	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	04/10/13	7.1	FALSE
MW-2	10/11/13	ND<2.5 U	FALSE
MW-2	04/17/14	ND<2.5 U	FALSE
MW-2	10/01/14	ND<2.5 U	FALSE

MW-4	**04/15/98**	**342**	**TRUE**
MW-4	11/09/98	55	FALSE
MW-4	04/26/99	22	FALSE
MW-4	11/01/99	11 I	FALSE
MW-4	04/04/00	56	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	10/22/01	23	FALSE
MW-4	04/29/02	24	FALSE
MW-4	10/28/02	ND<2.5 U	FALSE
MW-4	03/24/03	19	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	03/29/04	38	FALSE
MW-4	09/27/04	5.1	FALSE

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MW-4	04/11/05	110	FALSE
MW-4	09/26/05	31	FALSE
MW-4	03/24/06	32	FALSE
MW-4	09/27/06	11	FALSE
MW-4	03/27/07	4.3 J	FALSE
MW-4	09/28/07	4.5 J	FALSE
MW-4	03/26/08	10.5	FALSE
MW-4	09/29/08	7	FALSE
MW-4	03/26/09	6.8	FALSE
MW-4	10/02/09	6.5	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	10/05/11	7.2	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	04/10/13	67.7	FALSE
MW-4	10/10/13	ND<2.5 U	FALSE
MW-4	04/11/14	ND<2.5 U	FALSE
MW-4	10/01/14	ND<2.5 U	FALSE

MW-8	04/17/98	23	FALSE
MW-8	11/10/98	81	FALSE
MW-8	04/26/99	12 I	FALSE
MW-8	11/01/99	8 I	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	11/07/00	13	FALSE
MW-8	04/30/01	16	FALSE
MW-8	**10/22/01**	**160**	**TRUE**
MW-8	01/14/02	18	FALSE
MW-8	04/29/02	72	FALSE
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	03/25/03	7	FALSE
MW-8	09/30/03	7.6	FALSE
MW-8	03/30/04	15	FALSE
MW-8	09/27/04	14	FALSE
MW-8	04/12/05	26	FALSE
MW-8	09/27/05	ND<2.5 U	FALSE
MW-8	03/23/06	ND<2.5 U	FALSE
MW-8	09/26/06	ND<2.5 U	FALSE
MW-8	03/27/07	5.4 J	FALSE
MW-8	09/28/07	3.1 J	FALSE
MW-8	03/27/08	11.5	FALSE
MW-8	09/29/08	6.5	FALSE
MW-8	03/25/09	5.7	FALSE
MW-8	10/05/09	10.3	FALSE
MW-8	04/06/10	7.2	FALSE
MW-8	10/08/10	5.9	FALSE
MW-8	03/29/11	5.4	FALSE
MW-8	10/06/11	6.9	FALSE
MW-8	04/06/12	ND<2.5 U	FALSE
MW-8	10/05/12	8.7	FALSE
MW-8	04/09/13	ND<1.25 U	FALSE
MW-8	10/11/13	6.4	FALSE
MW-8	04/16/14	ND<2.5 U	FALSE
MW-8	10/02/14	ND<2.5 U	FALSE

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MW-11	04/29/02	130	FALSE
MW-11	10/29/02	ND<2.5 U	FALSE
MW-11	03/25/03	7.7	FALSE
MW-11	09/29/03	7.9	FALSE
MW-11	03/30/04	19	FALSE
MW-11	09/27/04	ND<2.5 U	FALSE
MW-11	04/12/05	ND<2.5 U	FALSE
MW-11	09/26/05	6.1	FALSE
MW-11	03/23/06	30	FALSE
MW-11	09/26/06	ND<2.5 U	FALSE
MW-11	03/27/07	2 J	FALSE
MW-11	09/27/07	58.6	FALSE
MW-11	03/27/08	ND<0.1 U	FALSE
MW-11	09/30/08	ND<2.5 U	FALSE
MW-11	03/26/09	ND<2.5 U	FALSE
MW-11	10/05/09	ND<2.5 U	FALSE
MW-11	04/06/10	ND<2.5 U	FALSE
MW-11	10/08/10	ND<2.5 U	FALSE
MW-11	03/29/11	ND<2.5 U	FALSE
MW-11	10/05/11	ND<2.5 U	FALSE
MW-11	04/06/12	ND<2.5 U	FALSE
MW-11	10/05/12	ND<2.5 U	FALSE
MW-11	04/09/13	ND<1.25 U	FALSE
MW-11	10/09/13	ND<2.5 U	FALSE
MW-11	04/17/14	ND<2.5 U	FALSE
MW-11	10/01/14	ND<2.5 U	FALSE

MW-10	04/30/02	21	FALSE
MW-10	10/29/02	50	FALSE
MW-10	03/25/03	69	FALSE
MW-10	09/30/03	42	FALSE
MW-10	03/30/04	18	FALSE
MW-10	09/27/04	46	FALSE
MW-10	04/12/05	74	FALSE
MW-10	09/27/05	22	FALSE
MW-10	03/23/06	33	FALSE
MW-10	09/26/06	27	FALSE
MW-10	03/27/07	7.3 J	FALSE
MW-10	09/27/07	9	FALSE
MW-10	03/26/08	7.8	FALSE
MW-10	09/26/08	15.4	FALSE
MW-10	03/26/09	ND<2.5 U	FALSE
MW-10	10/01/09	9.1	FALSE
MW-10	04/02/10	ND<2.5 U	FALSE
MW-10	10/07/10	6.2	FALSE
MW-10	03/29/11	ND<2.5 U	FALSE
MW-10	10/05/11	ND<2.5 U	FALSE
MW-10	04/04/12	ND<2.5 U	FALSE
MW-10	10/03/12	ND<2.5 U	FALSE
MW-10	04/11/13	5.5	FALSE
MW-10	10/09/13	7.9	FALSE
MW-10	04/11/14	7.8	FALSE
MW-10	10/01/14	ND<2.5 U	FALSE

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MW-12	10/28/02	ND<2.5 U	FALSE
MW-12	03/25/03	45	FALSE
MW-12	09/30/03	13	FALSE
MW-12	03/30/04	ND<2.5 U	FALSE
MW-12	09/27/04	24	FALSE
MW-12	04/11/05	26	FALSE
MW-12	09/27/05	9.2	FALSE
MW-12	03/27/06	17	FALSE
MW-12	09/27/06	8.7	FALSE
MW-12	03/27/07	2.4 J	FALSE
MW-12	09/28/07	91.9	FALSE
MW-12	03/27/08	ND<0.1 U	FALSE
MW-12	09/30/08	ND<2.5 U	FALSE
MW-12	03/26/09	22.2	FALSE
MW-12	10/02/09	10.9	FALSE
MW-12	04/06/10	ND<2.5 U	FALSE
MW-12	10/07/10	11.1	FALSE
MW-12	03/29/11	ND<2.5 U	FALSE
MW-12	10/06/11	ND<2.5 U	FALSE
MW-12	04/05/12	ND<2.5 U	FALSE
MW-12	10/05/12	ND<2.5 U	FALSE
MW-12	04/11/13	ND<2.5 U	FALSE
MW-12	10/10/13	ND<2.5 U	FALSE
MW-12	04/11/14	ND<2.5 U	FALSE
MW-12	10/02/14	ND<2.5 U	FALSE
MW-13	09/27/05	ND<2.5 U	FALSE
MW-13	03/27/06	ND<2.5 U	FALSE
MW-13	09/28/06	ND<2.5 U	FALSE
MW-13	03/27/07	ND<12.5 U	FALSE
MW-13	09/28/07	0.7 J	FALSE
MW-13	03/27/08	ND<0.1 U	FALSE
MW-13	09/29/08	ND<2.5 U	FALSE
MW-13	03/26/09	ND<2.5 U	FALSE
MW-13	10/02/09	ND<2.5 U	FALSE
MW-13	04/02/10	ND<2.5 U	FALSE
MW-13	10/07/10	ND<2.5 U	FALSE
MW-13	03/25/11	ND<2.5 U	FALSE
MW-13	10/06/11	ND<2.5 U	FALSE
MW-13	04/05/12	ND<2.5 U	FALSE
MW-13	10/04/12	ND<2.5 U	FALSE
MW-13	04/09/13	ND<1.25 U	FALSE
MW-13	10/09/13	8.1	FALSE
MW-13	04/17/14	ND<2.5 U	FALSE
MW-13	10/01/14	ND<2.5 U	FALSE
MW-14	**09/27/06**	**430**	**TRUE**
MW-14	03/27/07	17 J	FALSE
MW-14	09/28/07	111	FALSE
MW-14	03/27/08	56.1	FALSE
MW-14	09/30/08	20.4	FALSE
MW-14	03/26/09	10.6	FALSE
MW-14	10/02/09	10	FALSE
MW-14	04/06/10	ND<2.5 U	FALSE

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MW-14	10/07/10	10.1	FALSE
MW-14	03/29/11	11.3	FALSE
MW-14	10/06/11	9.1	FALSE
MW-14	04/05/12	10.3	FALSE
MW-14	10/05/12	9.3	FALSE
MW-14	04/11/13	6.3	FALSE
MW-14	10/11/13	ND<2.5 U	FALSE
MW-14	04/11/14	ND<2.5 U	FALSE
MW-14	10/02/14	8	FALSE
MW-15S	10/10/13	8.3	FALSE
MW-15S	04/11/14	7	FALSE
MW-15S	10/02/14	ND<2.5 U	FALSE
MW-3R	07/29/14	6.8	FALSE
MW-3R	10/01/14	12.1	FALSE

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Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 34
Compliance measurements = 323
Comparison Level = 0.3

34 background measurements exceed 0.3
319 compliance measurements exceed 0.3

p background = 1 = 34 / 34
p compliance = 0.987616 = 319 / 323
p total = 0.988796 = 353 / 357

nPs = 319
mPb = 34
n(1-Ps) = 4 < 5.0
m(1-Pb = 0 < 5.0

Zp = -0.652552 = -0.0123839 / 0.0189777
Z critical = 1.64485 at 95% confidence level

-0.652552 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

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Non-Parametric Tolerance Interval

Parameter: Zinc

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

Total Percent Non-Detects = 41.7367%
Background measurements (n) = 34
Maximum Background Concentration = 200
Minimum Coverage = 91.6%
Average Coverage = 97.1429%

Location	Date	Value	Significant
MW-5	04/13/98	180	FALSE
MW-5	11/11/98	97 I	FALSE
MW-5	04/26/99	27 I	FALSE
MW-5	11/02/99	20 I	FALSE
MW-5	04/03/00	ND<12.5 U	FALSE
MW-5	11/06/00	75	FALSE
MW-5	04/30/01	ND<5 U	FALSE
MW-5	10/22/01	13	FALSE
MW-5	04/29/02	84	FALSE
MW-5	10/28/02	ND<5 U	FALSE
MW-5	03/24/03	ND<5 U	FALSE
MW-5	09/29/03	ND<5 U	FALSE
MW-5	03/30/04	13	FALSE
MW-5	09/27/04	21	FALSE
MW-5	04/12/05	ND<5 U	FALSE
MW-5	09/26/05	11	FALSE
MW-5	03/24/06	ND<5 U	FALSE
MW-5	09/26/06	15	FALSE
MW-5	03/27/07	7.7 J	FALSE
MW-5	09/27/07	12.4	FALSE
MW-5	03/26/08	ND<0.2 U	FALSE
MW-5	09/30/08	12	FALSE
MW-5	03/26/09	15.1	FALSE
MW-5	10/02/09	14.3	FALSE
MW-5	04/02/10	ND<5 U	FALSE
MW-5	10/06/10	ND<5 U	FALSE
MW-5	03/25/11	ND<5 U	FALSE
MW-5	10/05/11	ND<5 U	FALSE
MW-5	04/05/12	11.1	FALSE
MW-5	10/03/12	ND<5 U	FALSE
MW-5	04/11/13	18.7	FALSE
MW-5	10/09/13	ND<5 U	FALSE
MW-5	04/17/14	12.4	FALSE
MW-5	10/01/14	ND<5 U	FALSE
MW-6	04/13/98	79	FALSE
MW-6	11/11/98	63 I	FALSE
MW-6	04/26/99	55 I	FALSE
MW-6	11/02/99	50 I	FALSE
MW-6	04/03/00	34 I	FALSE
MW-6	11/06/00	73	FALSE
MW-6	04/30/01	27	FALSE
MW-6	**10/22/01**	**440**	**TRUE**

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MW-6	**04/29/02**	**260**	**TRUE**
MW-6	10/28/02	ND<5 U	FALSE
MW-6	03/25/03	ND<5 U	FALSE
MW-6	**09/29/03**	**290**	**TRUE**
MW-6	03/30/04	ND<5 U	FALSE
MW-6	09/27/04	57	FALSE
MW-6	**04/12/05**	**320**	**TRUE**
MW-6	09/26/05	21	FALSE
MW-6	03/24/06	14	FALSE
MW-6	09/26/06	84	FALSE
MW-6	03/27/07	4.2 J	FALSE
MW-6	09/27/07	17.1	FALSE
MW-6	03/26/08	42.9	FALSE
MW-6	09/30/08	ND<5 U	FALSE
MW-6	03/26/09	15	FALSE
MW-6	10/02/09	ND<5 U	FALSE
MW-6	04/02/10	27.8	FALSE
MW-6	10/06/10	ND<5 U	FALSE
MW-6	03/25/11	23	FALSE
MW-6	10/05/11	ND<5 U	FALSE
MW-6	04/04/12	ND<5 U	FALSE
MW-6	10/03/12	ND<5 U	FALSE
MW-6	04/09/13	ND<2.5 U	FALSE
MW-6	10/09/13	ND<5 U	FALSE
MW-6	04/11/14	ND<5 U	FALSE
MW-6	10/01/14	ND<5 U	FALSE

MW-7	04/13/98	90	FALSE
MW-7	11/11/98	95 I	FALSE
MW-7	04/26/99	ND<12.5 U	FALSE
MW-7	11/02/99	40 I	FALSE
MW-7	04/03/00	ND<12.5 U	FALSE
MW-7	11/06/00	66	FALSE
MW-7	04/30/01	42	FALSE
MW-7	**10/22/01**	**430**	**TRUE**
MW-7	**04/29/02**	**240**	**TRUE**
MW-7	10/28/02	47	FALSE
MW-7	03/25/03	14	FALSE
MW-7	09/29/03	99	FALSE
MW-7	03/30/04	ND<5 U	FALSE
MW-7	09/27/04	23	FALSE
MW-7	**04/12/05**	**320**	**TRUE**
MW-7	09/26/05	54	FALSE
MW-7	03/24/06	11	FALSE
MW-7	09/26/06	24	FALSE
MW-7	03/27/07	37	FALSE
MW-7	09/27/07	26.5	FALSE
MW-7	03/26/08	15.6	FALSE
MW-7	09/26/08	13.3	FALSE
MW-7	03/26/09	14.4	FALSE
MW-7	10/01/09	16.5	FALSE
MW-7	04/02/10	ND<5 U	FALSE
MW-7	10/06/10	ND<5 U	FALSE
MW-7	03/25/11	ND<5 U	FALSE
MW-7	10/05/11	15.9	FALSE
MW-7	04/04/12	ND<5 U	FALSE

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MW-7	10/03/12	ND<5 U	FALSE
MW-7	04/09/13	ND<2.5 U	FALSE
MW-7	10/09/13	ND<5 U	FALSE
MW-7	04/11/14	ND<5 U	FALSE
MW-7	10/02/14	ND<5 U	FALSE

MW-2	04/15/98	190	FALSE
MW-2	11/11/98	145	FALSE
MW-2	04/27/99	31 I	FALSE
MW-2	11/02/99	70 I	FALSE
MW-2	04/04/00	61 I	FALSE
MW-2	11/06/00	25	FALSE
MW-2	04/30/01	22	FALSE
MW-2	**10/22/01**	**230**	**TRUE**
MW-2	**04/29/02**	**360**	**TRUE**
MW-2	10/28/02	ND<5 U	FALSE
MW-2	03/24/03	23	FALSE
MW-2	09/29/03	120	FALSE
MW-2	03/29/04	78	FALSE
MW-2	**09/27/04**	**260**	**TRUE**
MW-2	**04/11/05**	**330**	**TRUE**
MW-2	09/26/05	190	FALSE
MW-2	**03/23/06**	**330**	**TRUE**
MW-2	09/28/06	85	FALSE
MW-2	03/27/07	9 J	FALSE
MW-2	**09/28/07**	**311**	**TRUE**
MW-2	03/26/08	ND<0.2 U	FALSE
MW-2	09/29/08	33.1	FALSE
MW-2	03/26/09	152	FALSE
MW-2	**10/01/09**	**316**	**TRUE**
MW-2	04/06/10	ND<5 U	FALSE
MW-2	10/08/10	ND<5 U	FALSE
MW-2	03/25/11	13.4	FALSE
MW-2	10/05/11	23.5	FALSE
MW-2	04/04/12	ND<5 U	FALSE
MW-2	10/05/12	10.8	FALSE
MW-2	04/10/13	26.4	FALSE
MW-2	10/11/13	10.6	FALSE
MW-2	04/17/14	ND<5 U	FALSE
MW-2	10/01/14	16.7	FALSE

MW-4	**04/15/98**	**210**	**TRUE**
MW-4	11/09/98	46 I	FALSE
MW-4	04/26/99	42 I	FALSE
MW-4	11/01/99	ND<12.5 U	FALSE
MW-4	04/04/00	42 I	FALSE
MW-4	11/06/00	ND<5 U	FALSE
MW-4	04/30/01	ND<5 U	FALSE
MW-4	10/22/01	27	FALSE
MW-4	04/29/02	19	FALSE
MW-4	10/28/02	10	FALSE
MW-4	03/24/03	30	FALSE
MW-4	09/30/03	ND<5 U	FALSE
MW-4	03/29/04	27	FALSE
MW-4	09/27/04	22	FALSE

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MW-4	04/11/05	79	FALSE
MW-4	09/26/05	24	FALSE
MW-4	03/24/06	23	FALSE
MW-4	09/27/06	ND<5 U	FALSE
MW-4	03/27/07	5.4 J	FALSE
MW-4	09/28/07	12.2	FALSE
MW-4	03/26/08	ND<0.2 U	FALSE
MW-4	09/29/08	ND<5 U	FALSE
MW-4	03/26/09	ND<5 U	FALSE
MW-4	10/02/09	ND<5 U	FALSE
MW-4	04/06/10	ND<5 U	FALSE
MW-4	10/07/10	ND<5 U	FALSE
MW-4	03/29/11	ND<5 U	FALSE
MW-4	10/05/11	ND<5 U	FALSE
MW-4	04/05/12	ND<5 U	FALSE
MW-4	10/04/12	11.7	FALSE
MW-4	04/10/13	29.4	FALSE
MW-4	10/10/13	ND<5 U	FALSE
MW-4	04/11/14	ND<5 U	FALSE
MW-4	10/01/14	ND<5 U	FALSE

MW-8	04/17/98	40 I	FALSE
MW-8	11/10/98	84 I	FALSE
MW-8	04/26/99	45 I	FALSE
MW-8	11/01/99	40 I	FALSE
MW-8	04/03/00	ND<12.5 U	FALSE
MW-8	11/07/00	20	FALSE
MW-8	04/30/01	39	FALSE
MW-8	10/22/01	200	FALSE
MW-8	01/14/02	21	FALSE
MW-8	04/29/02	75	FALSE
MW-8	10/28/02	ND<5 U	FALSE
MW-8	03/25/03	ND<5 U	FALSE
MW-8	09/30/03	ND<5 U	FALSE
MW-8	03/30/04	14	FALSE
MW-8	09/27/04	12	FALSE
MW-8	04/12/05	21	FALSE
MW-8	09/27/05	ND<5 U	FALSE
MW-8	03/23/06	ND<5 U	FALSE
MW-8	09/26/06	11	FALSE
MW-8	03/27/07	7.8 J	FALSE
MW-8	09/28/07	10.7	FALSE
MW-8	03/27/08	12.8	FALSE
MW-8	09/29/08	ND<5 U	FALSE
MW-8	03/25/09	19.5	FALSE
MW-8	10/05/09	ND<5 U	FALSE
MW-8	04/06/10	11.2	FALSE
MW-8	10/08/10	ND<5 U	FALSE
MW-8	03/29/11	13.4	FALSE
MW-8	10/06/11	11	FALSE
MW-8	04/06/12	18.3	FALSE
MW-8	10/05/12	ND<5 U	FALSE
MW-8	04/09/13	ND<2.5 U	FALSE
MW-8	10/11/13	14.2	FALSE
MW-8	04/16/14	ND<5 U	FALSE
MW-8	10/02/14	ND<5 U	FALSE

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MW-11	04/29/02	91	FALSE
MW-11	10/29/02	ND<5 U	FALSE
MW-11	03/25/03	14	FALSE
MW-11	09/29/03	11	FALSE
MW-11	03/30/04	21	FALSE
MW-11	09/27/04	ND<5 U	FALSE
MW-11	04/12/05	ND<5 U	FALSE
MW-11	09/26/05	12	FALSE
MW-11	03/23/06	40	FALSE
MW-11	09/26/06	10	FALSE
MW-11	03/27/07	8.8 J	FALSE
MW-11	09/27/07	57.6	FALSE
MW-11	03/27/08	ND<0.2 U	FALSE
MW-11	09/30/08	ND<5 U	FALSE
MW-11	03/26/09	ND<5 U	FALSE
MW-11	10/05/09	ND<5 U	FALSE
MW-11	04/06/10	10.2	FALSE
MW-11	10/08/10	ND<5 U	FALSE
MW-11	03/29/11	22.6	FALSE
MW-11	10/05/11	ND<5 U	FALSE
MW-11	04/06/12	ND<5 U	FALSE
MW-11	10/05/12	ND<5 U	FALSE
MW-11	04/09/13	ND<2.5 U	FALSE
MW-11	10/09/13	10.5	FALSE
MW-11	04/17/14	ND<5 U	FALSE
MW-11	10/01/14	ND<5 U	FALSE

MW-10	04/30/02	14	FALSE
MW-10	10/29/02	56	FALSE
MW-10	03/25/03	62	FALSE
MW-10	09/30/03	38	FALSE
MW-10	03/30/04	21	FALSE
MW-10	09/27/04	40	FALSE
MW-10	**04/12/05**	**370**	**TRUE**
MW-10	09/27/05	140	FALSE
MW-10	03/23/06	110	FALSE
MW-10	09/26/06	84	FALSE
MW-10	03/27/07	37	FALSE
MW-10	09/27/07	55	FALSE
MW-10	03/26/08	25.8	FALSE
MW-10	09/26/08	31.7	FALSE
MW-10	03/26/09	17	FALSE
MW-10	10/01/09	28.5	FALSE
MW-10	04/02/10	ND<5 U	FALSE
MW-10	10/07/10	ND<5 U	FALSE
MW-10	03/29/11	15.3	FALSE
MW-10	10/05/11	ND<5 U	FALSE
MW-10	04/04/12	13.5	FALSE
MW-10	10/03/12	10.9	FALSE
MW-10	04/11/13	24	FALSE
MW-10	10/09/13	27.9	FALSE
MW-10	04/11/14	11.1	FALSE
MW-10	10/01/14	ND<5 U	FALSE

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MW-12	10/28/02	ND<5 U	FALSE
MW-12	03/25/03	130	FALSE
MW-12	09/30/03	16	FALSE
MW-12	03/30/04	ND<5 U	FALSE
MW-12	09/27/04	26	FALSE
MW-12	04/11/05	53	FALSE
MW-12	09/27/05	ND<5 U	FALSE
MW-12	03/27/06	19	FALSE
MW-12	09/27/06	10	FALSE
MW-12	03/27/07	6.7 J	FALSE
MW-12	09/28/07	105	FALSE
MW-12	03/27/08	ND<0.2 U	FALSE
MW-12	09/30/08	ND<5 U	FALSE
MW-12	03/26/09	21.7	FALSE
MW-12	10/02/09	ND<5 U	FALSE
MW-12	04/06/10	ND<5 U	FALSE
MW-12	10/07/10	ND<5 U	FALSE
MW-12	03/29/11	10.1	FALSE
MW-12	10/06/11	ND<5 U	FALSE
MW-12	04/05/12	ND<5 U	FALSE
MW-12	10/05/12	ND<5 U	FALSE
MW-12	04/11/13	ND<5 U	FALSE
MW-12	10/10/13	16.3	FALSE
MW-12	04/11/14	ND<5 U	FALSE
MW-12	10/02/14	ND<5 U	FALSE
MW-13	09/27/05	ND<5 U	FALSE
MW-13	03/27/06	18	FALSE
MW-13	09/28/06	ND<5 U	FALSE
MW-13	03/27/07	19	FALSE
MW-13	09/28/07	24.7	FALSE
MW-13	03/27/08	23.6	FALSE
MW-13	09/29/08	ND<5 U	FALSE
MW-13	03/26/09	ND<5 U	FALSE
MW-13	10/02/09	ND<5 U	FALSE
MW-13	04/02/10	ND<5 U	FALSE
MW-13	10/07/10	ND<5 U	FALSE
MW-13	03/25/11	ND<5 U	FALSE
MW-13	10/06/11	ND<5 U	FALSE
MW-13	04/05/12	ND<5 U	FALSE
MW-13	10/04/12	ND<5 U	FALSE
MW-13	04/09/13	13.4	FALSE
MW-13	10/09/13	ND<5 U	FALSE
MW-13	04/17/14	12.4	FALSE
MW-13	10/01/14	ND<5 U	FALSE
MW-14	09/27/06	190	FALSE
MW-14	03/27/07	16	FALSE
MW-14	09/28/07	56.1	FALSE
MW-14	03/27/08	30.3	FALSE
MW-14	09/30/08	ND<5 U	FALSE
MW-14	03/26/09	ND<5 U	FALSE
MW-14	10/02/09	10.7	FALSE
MW-14	04/06/10	ND<5 U	FALSE

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MW-14	10/07/10	ND<5 U	FALSE
MW-14	03/29/11	35.4	FALSE
MW-14	10/06/11	ND<5 U	FALSE
MW-14	04/05/12	ND<5 U	FALSE
MW-14	10/05/12	ND<5 U	FALSE
MW-14	04/11/13	ND<5 U	FALSE
MW-14	10/11/13	ND<5 U	FALSE
MW-14	04/11/14	ND<5 U	FALSE
MW-14	10/02/14	ND<5 U	FALSE
MW-15S	10/10/13	ND<5 U	FALSE
MW-15S	04/11/14	ND<5 U	FALSE
MW-15S	10/02/14	ND<5 U	FALSE
MW-3R	07/29/14	ND<5 U	FALSE
MW-3R	10/01/14	ND<5 U	FALSE

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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) = 6
Maximum Background Concentration = 86800
Minimum Coverage = 60.7%
Average Coverage = 85.7143%

Location	Date	Value	Significant
MW-12D	03/29/11	99400	TRUE
MW-12D	10/06/11	76000	FALSE
MW-12D	04/05/12	125000	TRUE
MW-12D	10/10/13	4950	FALSE
MW-12D	04/11/14	99700	TRUE
MW-12D	10/02/14	164000	TRUE
MW-14D	03/29/11	129000	TRUE
MW-14D	10/06/11	123000	TRUE
MW-14D	04/05/12	119000	TRUE
MW-14D	10/11/13	124000	TRUE
MW-14D	04/11/14	119000	TRUE
MW-14D	10/02/14	126000	TRUE
MW-15D	10/10/13	161000	TRUE
MW-15D	04/11/14	191000	TRUE
MW-15D	10/02/14	177000	TRUE

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Non-Parametric Tolerance Interval

Parameter: Antimony

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

Total Percent Non-Detects = 97.5177%
Background measurements (n) = 30
Maximum Background Concentration = 5
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5D	04/13/98	ND<2.5 U	FALSE
MW-5D	11/11/98	ND<2.5 U	FALSE
MW-5D	04/26/99	ND<2.5 U	FALSE
MW-5D	11/02/99	ND<2.5 U	FALSE
MW-5D	04/03/00	ND<2.5 U	FALSE
MW-5D	11/06/00	ND<5 U	FALSE
MW-5D	04/30/01	ND<5 U	FALSE
MW-5D	10/22/01	ND<5 U	FALSE
MW-5D	04/29/02	ND<5 U	FALSE
MW-5D	10/28/02	ND<5 U	FALSE
MW-5D	03/24/03	ND<5 U	FALSE
MW-5D	09/29/03	ND<2.5 U	FALSE
MW-5D	03/29/04	ND<2.5 U	FALSE
MW-5D	09/27/04	ND<2.5 U	FALSE
MW-5D	**04/12/05**	**7.9**	**TRUE**
MW-5D	09/26/05	ND<2.5 U	FALSE
MW-5D	03/24/06	ND<2.5 U	FALSE
MW-5D	09/26/06	ND<2.5 U	FALSE
MW-5D	03/27/07	ND<3 U	FALSE
MW-5D	09/27/07	ND<2.5 U	FALSE
MW-5D	03/26/08	ND<1.3 U	FALSE
MW-5D	09/30/08	ND<2.5 U	FALSE
MW-5D	03/26/09	ND<2.5 U	FALSE
MW-5D	10/02/09	ND<2.5 U	FALSE
MW-5D	04/02/10	ND<2.5 U	FALSE
MW-5D	10/06/10	ND<2.5 U	FALSE
MW-5D	03/25/11	ND<2.5 U	FALSE
MW-5D	10/05/11	ND<2.5 U	FALSE
MW-5D	04/05/12	ND<2.5 U	FALSE
MW-5D	10/03/12	ND<2.5 U	FALSE
MW-5D	04/11/13	ND<1.3 U	FALSE
MW-5D	10/09/13	ND<2.5 U	FALSE
MW-5D	04/17/14	ND<2.5 U	FALSE
MW-5D	10/01/14	ND<2.5 U	FALSE
MW-2D	04/15/98	ND<2.5 U	FALSE
MW-2D	11/11/98	ND<2.5 U	FALSE
MW-2D	04/27/99	ND<2.5 U	FALSE
MW-2D	11/02/99	ND<2.5 U	FALSE
MW-2D	04/04/00	ND<2.5 U	FALSE
MW-2D	11/06/00	ND<5 U	FALSE
MW-2D	04/30/01	ND<5 U	FALSE
MW-2D	10/22/01	ND<5 U	FALSE

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MW-2D	04/29/02	ND<5 U	FALSE
MW-2D	10/28/02	ND<5 U	FALSE
MW-2D	03/24/03	ND<5 U	FALSE
MW-2D	**09/29/03**	**7.7**	**TRUE**
MW-2D	03/29/04	ND<2.5 U	FALSE
MW-2D	09/27/04	ND<2.5 U	FALSE
MW-2D	04/11/05	ND<2.5 U	FALSE
MW-2D	09/26/05	ND<2.5 U	FALSE
MW-2D	03/23/06	ND<2.5 U	FALSE
MW-2D	09/28/06	ND<2.5 U	FALSE
MW-2D	03/27/07	ND<3 U	FALSE
MW-2D	09/28/07	ND<2.5 U	FALSE
MW-2D	03/26/08	ND<1.3 U	FALSE
MW-2D	09/29/08	ND<2.5 U	FALSE
MW-2D	03/26/09	ND<2.5 U	FALSE
MW-2D	10/01/09	ND<2.5 U	FALSE
MW-2D	04/06/10	ND<2.5 U	FALSE
MW-2D	10/08/10	ND<2.5 U	FALSE
MW-2D	03/25/11	ND<2.5 U	FALSE
MW-2D	10/05/11	ND<2.5 U	FALSE
MW-2D	04/04/12	ND<2.5 U	FALSE
MW-2D	10/05/12	ND<2.5 U	FALSE
MW-2D	04/10/13	ND<1.3 U	FALSE
MW-2D	10/11/13	ND<2.5 U	FALSE
MW-2D	04/17/14	ND<2.5 U	FALSE
MW-2D	10/01/14	ND<2.5 U	FALSE

MW-4D	04/15/98	ND<2.5 U	FALSE
MW-4D	11/09/98	ND<2.5 U	FALSE
MW-4D	04/26/99	ND<2.5 U	FALSE
MW-4D	11/01/99	ND<2.5 U	FALSE
MW-4D	04/04/00	ND<2.5 U	FALSE
MW-4D	11/06/00	ND<5 U	FALSE
MW-4D	04/30/01	ND<5 U	FALSE
MW-4D	10/22/01	ND<5 U	FALSE
MW-4D	04/29/02	ND<5 U	FALSE
MW-4D	10/28/02	ND<5 U	FALSE
MW-4D	03/24/03	ND<5 U	FALSE
MW-4D	**09/29/03**	**5.5**	**TRUE**
MW-4D	03/29/04	ND<2.5 U	FALSE
MW-4D	09/27/04	ND<2.5 U	FALSE
MW-4D	04/11/05	ND<2.5 U	FALSE
MW-4D	09/26/05	ND<2.5 U	FALSE
MW-4D	03/24/06	ND<2.5 U	FALSE
MW-4D	09/27/06	ND<2.5 U	FALSE
MW-4D	03/27/07	ND<3 U	FALSE
MW-4D	09/28/07	ND<2.5 U	FALSE
MW-4D	03/26/08	ND<1.3 U	FALSE
MW-4D	09/29/08	ND<2.5 U	FALSE
MW-4D	03/26/09	ND<2.5 U	FALSE
MW-4D	10/02/09	ND<2.5 U	FALSE
MW-4D	04/06/10	ND<2.5 U	FALSE
MW-4D	10/07/10	ND<2.5 U	FALSE
MW-4D	03/29/11	ND<2.5 U	FALSE
MW-4D	10/05/11	ND<2.5 U	FALSE
MW-4D	04/05/12	ND<2.5 U	FALSE

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MW-4D	10/04/12	ND<2.5 U	FALSE
MW-4D	04/10/13	ND<1.3 U	FALSE
MW-4D	10/10/13	ND<2.5 U	FALSE
MW-4D	04/11/14	ND<2.5 U	FALSE
MW-4D	10/01/14	ND<2.5 U	FALSE

MW-8D	04/17/98	ND<2.5 U	FALSE
MW-8D	11/10/98	ND<2.5 U	FALSE
MW-8D	04/26/99	ND<2.5 U	FALSE
MW-8D	11/01/99	ND<2.5 U	FALSE
MW-8D	04/03/00	ND<2.5 U	FALSE
MW-8D	11/07/00	ND<5 U	FALSE
MW-8D	04/30/01	ND<5 U	FALSE
MW-8D	10/22/01	ND<5 U	FALSE
MW-8D	04/29/02	ND<5 U	FALSE
MW-8D	10/28/02	ND<5 U	FALSE
MW-8D	03/25/03	ND<5 U	FALSE
MW-8D	09/30/03	ND<2.5 U	FALSE
MW-8D	03/30/04	ND<2.5 U	FALSE
MW-8D	09/27/04	ND<2.5 U	FALSE
MW-8D	04/12/05	ND<2.5 U	FALSE
MW-8D	09/27/05	ND<2.5 U	FALSE
MW-8D	03/23/06	ND<2.5 U	FALSE
MW-8D	09/26/06	ND<2.5 U	FALSE
MW-8D	03/27/07	ND<3 U	FALSE
MW-8D	09/28/07	ND<2.5 U	FALSE
MW-8D	03/27/08	ND<1.3 U	FALSE
MW-8D	09/29/08	ND<2.5 U	FALSE
MW-8D	03/25/09	ND<2.5 U	FALSE
MW-8D	10/05/09	ND<2.5 U	FALSE
MW-8D	04/06/10	ND<2.5 U	FALSE
MW-8D	10/08/10	ND<2.5 U	FALSE
MW-8D	03/29/11	ND<2.5 U	FALSE
MW-8D	10/06/11	ND<2.5 U	FALSE
MW-8D	04/06/12	ND<2.5 U	FALSE
MW-8D	10/05/12	ND<2.5 U	FALSE
MW-8D	04/09/13	ND<1.3 U	FALSE
MW-8D	10/11/13	ND<2.5 U	FALSE
MW-8D	04/16/14	ND<2.5 U	FALSE
MW-8D	10/02/14	ND<2.5 U	FALSE

MW-11D	04/29/02	ND<5 U	FALSE
MW-11D	10/29/02	ND<5 U	FALSE
MW-11D	03/25/03	ND<5 U	FALSE
MW-11D	09/29/03	ND<2.5 U	FALSE
MW-11D	03/30/04	ND<2.5 U	FALSE
MW-11D	09/27/04	ND<2.5 U	FALSE
MW-11D	04/12/05	ND<2.5 U	FALSE
MW-11D	09/26/05	ND<2.5 U	FALSE
MW-11D	03/23/06	ND<2.5 U	FALSE
MW-11D	09/26/06	ND<2.5 U	FALSE
MW-11D	03/27/07	ND<3 U	FALSE
MW-11D	09/27/07	ND<2.5 U	FALSE
MW-11D	03/27/08	ND<1.3 U	FALSE
MW-11D	09/30/08	ND<2.5 U	FALSE

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MW-11D	03/26/09	ND<2.5 U	FALSE
MW-11D	10/05/09	ND<2.5 U	FALSE
MW-11D	04/06/10	ND<2.5 U	FALSE
MW-11D	10/08/10	ND<2.5 U	FALSE
MW-11D	03/29/11	ND<2.5 U	FALSE
MW-11D	10/05/11	ND<2.5 U	FALSE
MW-11D	04/06/12	ND<2.5 U	FALSE
MW-11D	10/05/12	ND<2.5 U	FALSE
MW-11D	04/09/13	ND<1.3 U	FALSE
MW-11D	10/09/13	ND<2.5 U	FALSE
MW-11D	04/17/14	ND<2.5 U	FALSE
MW-11D	10/01/14	ND<2.5 U	FALSE

MW-10D	**04/30/02**	**13**	**TRUE**
MW-10D	10/29/02	ND<5 U	FALSE
MW-10D	03/25/03	ND<5 U	FALSE
MW-10D	09/30/03	ND<2.5 U	FALSE
MW-10D	03/30/04	ND<2.5 U	FALSE
MW-10D	09/27/04	ND<2.5 U	FALSE
MW-10D	**04/12/05**	**5.8**	**TRUE**
MW-10D	09/27/05	ND<2.5 U	FALSE
MW-10D	03/23/06	ND<2.5 U	FALSE
MW-10D	09/27/06	ND<2.5 U	FALSE
MW-10D	03/27/07	ND<3 U	FALSE
MW-10D	09/27/07	ND<2.5 U	FALSE
MW-10D	03/26/08	ND<1.3 U	FALSE
MW-10D	09/26/08	ND<2.5 U	FALSE
MW-10D	03/26/09	ND<2.5 U	FALSE
MW-10D	10/01/09	ND<2.5 U	FALSE
MW-10D	04/02/10	ND<2.5 U	FALSE
MW-10D	10/07/10	ND<2.5 U	FALSE
MW-10D	03/29/11	ND<2.5 U	FALSE
MW-10D	10/05/11	ND<2.5 U	FALSE
MW-10D	04/04/12	ND<2.5 U	FALSE
MW-10D	10/03/12	ND<2.5 U	FALSE
MW-10D	04/11/13	ND<1.3 U	FALSE
MW-10D	10/09/13	ND<2.5 U	FALSE
MW-10D	04/11/14	ND<2.5 U	FALSE
MW-10D	10/01/14	ND<2.5 U	FALSE

MW-12D	10/28/02	ND<5 U	FALSE
MW-12D	03/25/03	ND<5 U	FALSE
MW-12D	09/30/03	ND<2.5 U	FALSE
MW-12D	03/30/04	ND<2.5 U	FALSE
MW-12D	09/27/04	ND<2.5 U	FALSE
MW-12D	04/11/05	ND<2.5 U	FALSE
MW-12D	09/27/05	ND<2.5 U	FALSE
MW-12D	03/27/06	ND<2.5 U	FALSE
MW-12D	09/27/06	ND<2.5 U	FALSE
MW-12D	03/27/07	ND<3 U	FALSE
MW-12D	09/28/07	ND<2.5 U	FALSE
MW-12D	03/27/08	ND<1.3 U	FALSE
MW-12D	09/30/08	ND<2.5 U	FALSE
MW-12D	03/26/09	ND<2.5 U	FALSE
MW-12D	10/02/09	ND<2.5 U	FALSE

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MW-12D	04/06/10	ND<2.5 U	FALSE
MW-12D	10/07/10	ND<2.5 U	FALSE
MW-12D	03/29/11	ND<2.5 U	FALSE
MW-12D	10/06/11	ND<2.5 U	FALSE
MW-12D	04/05/12	ND<2.5 U	FALSE
MW-12D	10/05/12	ND<2.5 U	FALSE
MW-12D	04/11/13	ND<2.5 U	FALSE
MW-12D	10/10/13	ND<2.5 U	FALSE
MW-12D	04/11/14	ND<2.5 U	FALSE
MW-12D	10/02/14	ND<2.5 U	FALSE
MW-13D	09/27/05	ND<2.5 U	FALSE
MW-13D	03/27/06	ND<2.5 U	FALSE
MW-13D	09/28/06	ND<2.5 U	FALSE
MW-13D	03/27/07	ND<3 U	FALSE
MW-13D	09/28/07	ND<2.5 U	FALSE
MW-13D	03/27/08	ND<1.3 U	FALSE
MW-13D	09/29/08	ND<2.5 U	FALSE
MW-13D	03/26/09	ND<2.5 U	FALSE
MW-13D	10/02/09	ND<2.5 U	FALSE
MW-13D	04/02/10	ND<2.5 U	FALSE
MW-13D	10/07/10	ND<2.5 U	FALSE
MW-13D	03/25/11	ND<2.5 U	FALSE
MW-13D	10/06/11	ND<2.5 U	FALSE
MW-13D	04/05/12	ND<2.5 U	FALSE
MW-13D	10/04/12	ND<2.5 U	FALSE
MW-13D	04/09/13	ND<1.3 U	FALSE
MW-13D	10/09/13	ND<2.5 U	FALSE
MW-13D	**04/17/14**	**6.4**	**TRUE**
MW-13D	**10/01/14**	**5.4**	**TRUE**
MW-14D	09/27/06	ND<2.5 U	FALSE
MW-14D	03/27/07	ND<3 U	FALSE
MW-14D	09/28/07	ND<2.5 U	FALSE
MW-14D	03/27/08	ND<1.3 U	FALSE
MW-14D	09/30/08	ND<2.5 U	FALSE
MW-14D	03/26/09	ND<2.5 U	FALSE
MW-14D	10/02/09	ND<2.5 U	FALSE
MW-14D	04/06/10	ND<2.5 U	FALSE
MW-14D	10/07/10	ND<2.5 U	FALSE
MW-14D	03/29/11	ND<2.5 U	FALSE
MW-14D	10/06/11	ND<2.5 U	FALSE
MW-14D	04/05/12	ND<2.5 U	FALSE
MW-14D	10/05/12	ND<2.5 U	FALSE
MW-14D	04/11/13	ND<2.5 U	FALSE
MW-14D	10/11/13	ND<2.5 U	FALSE
MW-14D	04/11/14	ND<2.5 U	FALSE
MW-14D	10/02/14	ND<2.5 U	FALSE
MW-15D	10/10/13	ND<2.5 U	FALSE
MW-15D	04/11/14	ND<2.5 U	FALSE
MW-15D	10/02/14	ND<2.5 U	FALSE

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Two-Sample Test of Proportions

Parameter: Antimony

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 30
Compliance measurements = 252
Comparison Level = 1

30 background measurements exceed 1
252 compliance measurements exceed 1

p background = 1 = 30 / 30
p compliance = 1 = 252 / 252
p total = 1 = 282 / 282

nPs = 252
mPb = 30
n(1-Ps) = 0 < 5.0
m(1-Pb = 0 < 5.0

Divide by zero error.

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Non-Parametric Tolerance Interval

Parameter: Barium

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

Total Percent Non-Detects = 2.48227%
Background measurements (n) = 30
Maximum Background Concentration = 1290
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5D	04/13/98	59	FALSE
MW-5D	11/11/98	49	FALSE
MW-5D	04/26/99	48	FALSE
MW-5D	11/02/99	46	FALSE
MW-5D	04/03/00	41	FALSE
MW-5D	11/06/00	94	FALSE
MW-5D	04/30/01	48	FALSE
MW-5D	10/22/01	62	FALSE
MW-5D	04/29/02	76	FALSE
MW-5D	10/28/02	52	FALSE
MW-5D	03/24/03	50	FALSE
MW-5D	09/29/03	53	FALSE
MW-5D	03/29/04	50	FALSE
MW-5D	09/27/04	55	FALSE
MW-5D	04/12/05	49	FALSE
MW-5D	09/26/05	45	FALSE
MW-5D	03/24/06	48	FALSE
MW-5D	09/26/06	48	FALSE
MW-5D	03/27/07	50 J	FALSE
MW-5D	09/27/07	51.7	FALSE
MW-5D	03/26/08	51.2	FALSE
MW-5D	09/30/08	45.6	FALSE
MW-5D	03/26/09	58.9	FALSE
MW-5D	10/02/09	58.1	FALSE
MW-5D	04/02/10	53.2	FALSE
MW-5D	10/06/10	50.1	FALSE
MW-5D	03/25/11	53.5	FALSE
MW-5D	10/05/11	61.3	FALSE
MW-5D	04/05/12	57.1	FALSE
MW-5D	10/03/12	59.2	FALSE
MW-5D	04/11/13	68.8	FALSE
MW-5D	10/09/13	63	FALSE
MW-5D	04/17/14	58.5	FALSE
MW-5D	10/01/14	61.8	FALSE
MW-2D	04/15/98	83	FALSE
MW-2D	11/11/98	117	FALSE
MW-2D	04/27/99	74	FALSE
MW-2D	11/02/99	80	FALSE
MW-2D	04/04/00	70	FALSE
MW-2D	11/06/00	95	FALSE
MW-2D	04/30/01	140	FALSE
MW-2D	10/22/01	77	FALSE

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MW-2D	04/29/02	230	FALSE
MW-2D	10/28/02	140	FALSE
MW-2D	03/24/03	77	FALSE
MW-2D	09/29/03	130	FALSE
MW-2D	03/29/04	100	FALSE
MW-2D	09/27/04	140	FALSE
MW-2D	04/11/05	81	FALSE
MW-2D	09/26/05	79	FALSE
MW-2D	03/23/06	84	FALSE
MW-2D	09/28/06	75	FALSE
MW-2D	03/27/07	77 J	FALSE
MW-2D	09/28/07	89.3	FALSE
MW-2D	03/26/08	77.2	FALSE
MW-2D	09/29/08	72	FALSE
MW-2D	03/26/09	74.7	FALSE
MW-2D	10/01/09	79.3	FALSE
MW-2D	04/06/10	87.8	FALSE
MW-2D	10/08/10	74.3	FALSE
MW-2D	03/25/11	79	FALSE
MW-2D	10/05/11	87.8	FALSE
MW-2D	04/04/12	82.1	FALSE
MW-2D	10/05/12	80.6	FALSE
MW-2D	04/10/13	82.3	FALSE
MW-2D	10/11/13	87	FALSE
MW-2D	04/17/14	84.1	FALSE
MW-2D	10/01/14	86.2	FALSE

MW-4D	04/15/98	42	FALSE
MW-4D	11/09/98	41	FALSE
MW-4D	04/26/99	31	FALSE
MW-4D	11/01/99	29	FALSE
MW-4D	04/04/00	30	FALSE
MW-4D	11/06/00	140	FALSE
MW-4D	04/30/01	77	FALSE
MW-4D	10/22/01	130	FALSE
MW-4D	04/29/02	90	FALSE
MW-4D	10/28/02	47	FALSE
MW-4D	03/24/03	45	FALSE
MW-4D	09/29/03	34	FALSE
MW-4D	03/29/04	62	FALSE
MW-4D	09/27/04	32	FALSE
MW-4D	04/11/05	32	FALSE
MW-4D	09/26/05	33	FALSE
MW-4D	03/24/06	32	FALSE
MW-4D	09/27/06	46	FALSE
MW-4D	03/27/07	30 J	FALSE
MW-4D	09/28/07	30.7	FALSE
MW-4D	03/26/08	31.9	FALSE
MW-4D	09/29/08	65	FALSE
MW-4D	03/26/09	48.2	FALSE
MW-4D	10/02/09	83.2	FALSE
MW-4D	04/06/10	34.9	FALSE
MW-4D	10/07/10	27.1	FALSE
MW-4D	03/29/11	31.5	FALSE
MW-4D	10/05/11	34.4	FALSE
MW-4D	04/05/12	33.3	FALSE

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MW-4D	10/04/12	28.8	FALSE
MW-4D	04/10/13	53.9	FALSE
MW-4D	10/10/13	29.9	FALSE
MW-4D	04/11/14	27	FALSE
MW-4D	10/01/14	27.5	FALSE

MW-8D	04/17/98	560	FALSE
MW-8D	11/10/98	58	FALSE
MW-8D	04/26/99	54	FALSE
MW-8D	11/01/99	50	FALSE
MW-8D	04/03/00	46	FALSE
MW-8D	11/07/00	54	FALSE
MW-8D	04/30/01	48	FALSE
MW-8D	10/22/01	66	FALSE
MW-8D	04/29/02	80	FALSE
MW-8D	10/28/02	56	FALSE
MW-8D	03/25/03	53	FALSE
MW-8D	09/30/03	52	FALSE
MW-8D	03/30/04	55	FALSE
MW-8D	09/27/04	58	FALSE
MW-8D	04/12/05	56	FALSE
MW-8D	09/27/05	57	FALSE
MW-8D	03/23/06	68	FALSE
MW-8D	09/26/06	67	FALSE
MW-8D	03/27/07	71 J	FALSE
MW-8D	09/28/07	88.2	FALSE
MW-8D	03/27/08	89.1	FALSE
MW-8D	09/29/08	76.1	FALSE
MW-8D	03/25/09	70.9	FALSE
MW-8D	10/05/09	84	FALSE
MW-8D	04/06/10	90.6	FALSE
MW-8D	10/08/10	88.5	FALSE
MW-8D	03/29/11	108	FALSE
MW-8D	10/06/11	123	FALSE
MW-8D	04/06/12	119	FALSE
MW-8D	10/05/12	121	FALSE
MW-8D	04/09/13	123	FALSE
MW-8D	10/11/13	140	FALSE
MW-8D	04/16/14	140	FALSE
MW-8D	10/02/14	148	FALSE

MW-11D	04/29/02	350	FALSE
MW-11D	10/29/02	ND<2.5 U	FALSE
MW-11D	03/25/03	65	FALSE
MW-11D	09/29/03	63	FALSE
MW-11D	03/30/04	17	FALSE
MW-11D	09/27/04	15	FALSE
MW-11D	04/12/05	13	FALSE
MW-11D	09/26/05	17	FALSE
MW-11D	03/23/06	16	FALSE
MW-11D	09/26/06	18	FALSE
MW-11D	03/27/07	18 J	FALSE
MW-11D	09/27/07	17.7	FALSE
MW-11D	03/27/08	15.6	FALSE
MW-11D	09/30/08	10.2	FALSE

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MW-11D	03/26/09	12.1	FALSE
MW-11D	10/05/09	14.5	FALSE
MW-11D	04/06/10	12.3	FALSE
MW-11D	10/08/10	14.7	FALSE
MW-11D	03/29/11	13	FALSE
MW-11D	10/05/11	15.6	FALSE
MW-11D	04/06/12	13.2	FALSE
MW-11D	10/05/12	15.6	FALSE
MW-11D	04/09/13	14.7	FALSE
MW-11D	10/09/13	20.1	FALSE
MW-11D	04/17/14	15	FALSE
MW-11D	10/01/14	14.8	FALSE

MW-10D	04/30/02	690	FALSE
MW-10D	10/29/02	120	FALSE
MW-10D	03/25/03	130	FALSE
MW-10D	09/30/03	12	FALSE
MW-10D	03/30/04	12	FALSE
MW-10D	09/27/04	17	FALSE
MW-10D	04/12/05	54	FALSE
MW-10D	09/27/05	160	FALSE
MW-10D	03/23/06	32	FALSE
MW-10D	09/27/06	18	FALSE
MW-10D	03/27/07	12 J	FALSE
MW-10D	09/27/07	30.9	FALSE
MW-10D	03/26/08	17.8	FALSE
MW-10D	09/26/08	12.2	FALSE
MW-10D	03/26/09	11	FALSE
MW-10D	10/01/09	19.7	FALSE
MW-10D	04/02/10	21.1	FALSE
MW-10D	10/07/10	14.6	FALSE
MW-10D	03/29/11	13.8	FALSE
MW-10D	10/05/11	23.2	FALSE
MW-10D	04/04/12	16.9	FALSE
MW-10D	10/03/12	15.2	FALSE
MW-10D	04/11/13	25.1	FALSE
MW-10D	10/09/13	23.2	FALSE
MW-10D	04/11/14	23.3	FALSE
MW-10D	10/01/14	14.2	FALSE

MW-12D	10/28/02	ND<2.5 U	FALSE
MW-12D	03/25/03	1000	FALSE
MW-12D	09/30/03	150	FALSE
MW-12D	03/30/04	68	FALSE
MW-12D	09/27/04	420	FALSE
MW-12D	04/11/05	370	FALSE
MW-12D	09/27/05	160	FALSE
MW-12D	03/27/06	140 I	FALSE
MW-12D	09/27/06	270	FALSE
MW-12D	03/27/07	46 J	FALSE
MW-12D	09/28/07	262	FALSE
MW-12D	03/27/08	76.6	FALSE
MW-12D	09/30/08	82.9	FALSE
MW-12D	03/26/09	43.5	FALSE
MW-12D	10/02/09	45.8	FALSE

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MW-12D	04/06/10	45.4	FALSE
MW-12D	10/07/10	47.5	FALSE
MW-12D	03/29/11	55.1	FALSE
MW-12D	10/06/11	63.5	FALSE
MW-12D	04/05/12	43.5	FALSE
MW-12D	10/05/12	61	FALSE
MW-12D	04/11/13	43.3	FALSE
MW-12D	10/10/13	53.2	FALSE
MW-12D	04/11/14	46.7	FALSE
MW-12D	10/02/14	92.8	FALSE
MW-13D	09/27/05	400	FALSE
MW-13D	03/27/06	460	FALSE
MW-13D	09/28/06	270	FALSE
MW-13D	03/27/07	220	FALSE
MW-13D	09/28/07	211	FALSE
MW-13D	03/27/08	225	FALSE
MW-13D	09/29/08	179	FALSE
MW-13D	03/26/09	198	FALSE
MW-13D	10/02/09	228	FALSE
MW-13D	04/02/10	279	FALSE
MW-13D	10/07/10	212	FALSE
MW-13D	03/25/11	215	FALSE
MW-13D	10/06/11	259	FALSE
MW-13D	04/05/12	248	FALSE
MW-13D	10/04/12	257	FALSE
MW-13D	04/09/13	260	FALSE
MW-13D	10/09/13	339	FALSE
MW-13D	04/17/14	297	FALSE
MW-13D	10/01/14	254	FALSE
MW-14D	09/27/06	14	FALSE
MW-14D	03/27/07	11 J	FALSE
MW-14D	09/28/07	12.1	FALSE
MW-14D	03/27/08	10.4	FALSE
MW-14D	09/30/08	7.9	FALSE
MW-14D	03/26/09	7.1	FALSE
MW-14D	10/02/09	6.6	FALSE
MW-14D	04/06/10	6.1	FALSE
MW-14D	10/07/10	5.1	FALSE
MW-14D	03/29/11	5.1	FALSE
MW-14D	10/06/11	6.2	FALSE
MW-14D	04/05/12	11.9	FALSE
MW-14D	10/05/12	ND<2.5 U	FALSE
MW-14D	04/11/13	ND<2.5 U	FALSE
MW-14D	10/11/13	ND<2.5 U	FALSE
MW-14D	04/11/14	ND<2.5 U	FALSE
MW-14D	10/02/14	ND<2.5 U	FALSE
MW-15D	10/10/13	117	FALSE
MW-15D	04/11/14	105	FALSE
MW-15D	10/02/14	129	FALSE

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Non-Parametric Tolerance Interval

Parameter: Cobalt

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

Total Percent Non-Detects = 81.9149%
Background measurements (n) = 30
Maximum Background Concentration = 126
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5D	04/13/98	ND<2.5 U	FALSE
MW-5D	11/11/98	ND<2.5 U	FALSE
MW-5D	04/26/99	ND<2.5 U	FALSE
MW-5D	11/02/99	ND<2.5 U	FALSE
MW-5D	04/03/00	ND<2.5 U	FALSE
MW-5D	11/06/00	ND<2.5 U	FALSE
MW-5D	04/30/01	ND<2.5 U	FALSE
MW-5D	10/22/01	ND<2.5 U	FALSE
MW-5D	04/29/02	ND<2.5 U	FALSE
MW-5D	10/28/02	ND<2.5 U	FALSE
MW-5D	03/24/03	ND<2.5 U	FALSE
MW-5D	09/29/03	ND<2.5 U	FALSE
MW-5D	03/29/04	ND<2.5 U	FALSE
MW-5D	09/27/04	ND<2.5 U	FALSE
MW-5D	04/12/05	ND<2.5 U	FALSE
MW-5D	09/26/05	ND<2.5 U	FALSE
MW-5D	03/24/06	ND<2.5 U	FALSE
MW-5D	09/26/06	ND<2.5 U	FALSE
MW-5D	03/27/07	ND<5 U	FALSE
MW-5D	09/27/07	ND<2.5 U	FALSE
MW-5D	03/26/08	ND<0.3 U	FALSE
MW-5D	09/30/08	6.6	FALSE
MW-5D	03/26/09	7.1	FALSE
MW-5D	10/02/09	ND<2.5 U	FALSE
MW-5D	04/02/10	ND<2.5 U	FALSE
MW-5D	10/06/10	ND<2.5 U	FALSE
MW-5D	03/25/11	ND<2.5 U	FALSE
MW-5D	10/05/11	ND<2.5 U	FALSE
MW-5D	04/05/12	ND<2.5 U	FALSE
MW-5D	10/03/12	ND<2.5 U	FALSE
MW-5D	04/11/13	ND<1 U	FALSE
MW-5D	10/09/13	ND<2.5 U	FALSE
MW-5D	04/17/14	ND<2.5 U	FALSE
MW-5D	10/01/14	ND<2.5 U	FALSE
MW-2D	04/15/98	ND<2.5 U	FALSE
MW-2D	11/11/98	ND<2.5 U	FALSE
MW-2D	04/27/99	ND<2.5 U	FALSE
MW-2D	11/02/99	ND<2.5 U	FALSE
MW-2D	04/04/00	ND<2.5 U	FALSE
MW-2D	11/06/00	ND<2.5 U	FALSE
MW-2D	04/30/01	ND<2.5 U	FALSE
MW-2D	10/22/01	ND<2.5 U	FALSE

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MW-2D	04/29/02	5.8	FALSE
MW-2D	10/28/02	ND<2.5 U	FALSE
MW-2D	03/24/03	ND<2.5 U	FALSE
MW-2D	09/29/03	ND<2.5 U	FALSE
MW-2D	03/29/04	ND<2.5 U	FALSE
MW-2D	09/27/04	ND<2.5 U	FALSE
MW-2D	04/11/05	ND<2.5 U	FALSE
MW-2D	09/26/05	ND<2.5 U	FALSE
MW-2D	03/23/06	ND<2.5 U	FALSE
MW-2D	09/28/06	ND<2.5 U	FALSE
MW-2D	03/27/07	ND<5 U	FALSE
MW-2D	09/28/07	4.2 J	FALSE
MW-2D	03/26/08	ND<0.3 U	FALSE
MW-2D	09/29/08	5	FALSE
MW-2D	03/26/09	ND<2.5 U	FALSE
MW-2D	10/01/09	ND<2.5 U	FALSE
MW-2D	04/06/10	ND<2.5 U	FALSE
MW-2D	10/08/10	ND<2.5 U	FALSE
MW-2D	03/25/11	ND<2.5 U	FALSE
MW-2D	10/05/11	ND<2.5 U	FALSE
MW-2D	04/04/12	ND<2.5 U	FALSE
MW-2D	10/05/12	ND<2.5 U	FALSE
MW-2D	04/10/13	ND<1 U	FALSE
MW-2D	10/11/13	ND<2.5 U	FALSE
MW-2D	04/17/14	ND<2.5 U	FALSE
MW-2D	10/01/14	ND<2.5 U	FALSE

MW-4D	04/15/98	ND<2.5 U	FALSE
MW-4D	11/09/98	ND<2.5 U	FALSE
MW-4D	04/26/99	ND<2.5 U	FALSE
MW-4D	11/01/99	ND<2.5 U	FALSE
MW-4D	04/04/00	ND<2.5 U	FALSE
MW-4D	11/06/00	ND<2.5 U	FALSE
MW-4D	04/30/01	ND<2.5 U	FALSE
MW-4D	10/22/01	9.3	FALSE
MW-4D	04/29/02	6.6	FALSE
MW-4D	10/28/02	ND<2.5 U	FALSE
MW-4D	03/24/03	ND<2.5 U	FALSE
MW-4D	09/29/03	ND<2.5 U	FALSE
MW-4D	03/29/04	ND<2.5 U	FALSE
MW-4D	09/27/04	ND<2.5 U	FALSE
MW-4D	04/11/05	ND<2.5 U	FALSE
MW-4D	09/26/05	ND<2.5 U	FALSE
MW-4D	03/24/06	ND<2.5 U	FALSE
MW-4D	09/27/06	ND<2.5 U	FALSE
MW-4D	03/27/07	0.64 J	FALSE
MW-4D	09/28/07	ND<2.5 U	FALSE
MW-4D	03/26/08	ND<0.3 U	FALSE
MW-4D	09/29/08	5.4	FALSE
MW-4D	03/26/09	ND<2.5 U	FALSE
MW-4D	10/02/09	ND<2.5 U	FALSE
MW-4D	04/06/10	ND<2.5 U	FALSE
MW-4D	10/07/10	ND<2.5 U	FALSE
MW-4D	03/29/11	ND<2.5 U	FALSE
MW-4D	10/05/11	ND<2.5 U	FALSE
MW-4D	04/05/12	ND<2.5 U	FALSE

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MW-4D	10/04/12	ND<2.5 U	FALSE
MW-4D	04/10/13	6.6	FALSE
MW-4D	10/10/13	ND<2.5 U	FALSE
MW-4D	04/11/14	ND<2.5 U	FALSE
MW-4D	10/01/14	ND<2.5 U	FALSE

MW-8D	04/17/98	ND<2.5 U	FALSE
MW-8D	11/10/98	ND<2.5 U	FALSE
MW-8D	04/26/99	ND<2.5 U	FALSE
MW-8D	11/01/99	ND<2.5 U	FALSE
MW-8D	04/03/00	ND<2.5 U	FALSE
MW-8D	11/07/00	ND<2.5 U	FALSE
MW-8D	04/30/01	ND<2.5 U	FALSE
MW-8D	10/22/01	ND<2.5 U	FALSE
MW-8D	04/29/02	ND<2.5 U	FALSE
MW-8D	10/28/02	ND<2.5 U	FALSE
MW-8D	03/25/03	ND<2.5 U	FALSE
MW-8D	09/30/03	ND<2.5 U	FALSE
MW-8D	03/30/04	ND<2.5 U	FALSE
MW-8D	09/27/04	ND<2.5 U	FALSE
MW-8D	04/12/05	ND<2.5 U	FALSE
MW-8D	09/27/05	ND<2.5 U	FALSE
MW-8D	03/23/06	ND<2.5 U	FALSE
MW-8D	09/26/06	ND<2.5 U	FALSE
MW-8D	03/27/07	ND<5 U	FALSE
MW-8D	09/28/07	3.5 J	FALSE
MW-8D	03/27/08	ND<0.3 U	FALSE
MW-8D	09/29/08	ND<2.5 U	FALSE
MW-8D	03/25/09	ND<2.5 U	FALSE
MW-8D	10/05/09	ND<2.5 U	FALSE
MW-8D	04/06/10	ND<2.5 U	FALSE
MW-8D	10/08/10	ND<2.5 U	FALSE
MW-8D	03/29/11	ND<2.5 U	FALSE
MW-8D	10/06/11	ND<2.5 U	FALSE
MW-8D	04/06/12	ND<2.5 U	FALSE
MW-8D	10/05/12	ND<2.5 U	FALSE
MW-8D	04/09/13	ND<1 U	FALSE
MW-8D	10/11/13	ND<2.5 U	FALSE
MW-8D	04/16/14	ND<2.5 U	FALSE
MW-8D	10/02/14	ND<2.5 U	FALSE

MW-11D	04/29/02	8.4	FALSE
MW-11D	10/29/02	ND<2.5 U	FALSE
MW-11D	03/25/03	ND<2.5 U	FALSE
MW-11D	09/29/03	ND<2.5 U	FALSE
MW-11D	03/30/04	ND<2.5 U	FALSE
MW-11D	09/27/04	ND<2.5 U	FALSE
MW-11D	04/12/05	ND<2.5 U	FALSE
MW-11D	09/26/05	ND<2.5 U	FALSE
MW-11D	03/23/06	ND<2.5 U	FALSE
MW-11D	09/26/06	ND<2.5 U	FALSE
MW-11D	03/27/07	ND<5 U	FALSE
MW-11D	09/27/07	ND<2.5 U	FALSE
MW-11D	03/27/08	ND<0.3 U	FALSE
MW-11D	09/30/08	ND<2.5 U	FALSE

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MW-11D	03/26/09	ND<2.5 U	FALSE
MW-11D	10/05/09	ND<2.5 U	FALSE
MW-11D	04/06/10	ND<2.5 U	FALSE
MW-11D	10/08/10	ND<2.5 U	FALSE
MW-11D	03/29/11	ND<2.5 U	FALSE
MW-11D	10/05/11	ND<2.5 U	FALSE
MW-11D	04/06/12	ND<2.5 U	FALSE
MW-11D	10/05/12	ND<2.5 U	FALSE
MW-11D	04/09/13	ND<1 U	FALSE
MW-11D	10/09/13	ND<2.5 U	FALSE
MW-11D	04/17/14	ND<2.5 U	FALSE
MW-11D	10/01/14	ND<2.5 U	FALSE

MW-10D	04/30/02	59	FALSE
MW-10D	10/29/02	8.4	FALSE
MW-10D	03/25/03	9	FALSE
MW-10D	09/30/03	ND<2.5 U	FALSE
MW-10D	03/30/04	ND<2.5 U	FALSE
MW-10D	09/27/04	ND<2.5 U	FALSE
MW-10D	04/12/05	5.9	FALSE
MW-10D	09/27/05	19	FALSE
MW-10D	03/23/06	ND<2.5 U	FALSE
MW-10D	09/27/06	ND<2.5 U	FALSE
MW-10D	03/27/07	ND<5 U	FALSE
MW-10D	09/27/07	3.6 J	FALSE
MW-10D	03/26/08	ND<0.3 U	FALSE
MW-10D	09/26/08	ND<2.5 U	FALSE
MW-10D	03/26/09	ND<2.5 U	FALSE
MW-10D	10/01/09	ND<2.5 U	FALSE
MW-10D	04/02/10	ND<2.5 U	FALSE
MW-10D	10/07/10	ND<2.5 U	FALSE
MW-10D	03/29/11	ND<2.5 U	FALSE
MW-10D	10/05/11	ND<2.5 U	FALSE
MW-10D	04/04/12	ND<2.5 U	FALSE
MW-10D	10/03/12	ND<2.5 U	FALSE
MW-10D	04/11/13	ND<1 U	FALSE
MW-10D	10/09/13	ND<2.5 U	FALSE
MW-10D	04/11/14	ND<2.5 U	FALSE
MW-10D	10/01/14	ND<2.5 U	FALSE

MW-12D	10/28/02	ND<2.5 U	FALSE
MW-12D	03/25/03	81	FALSE
MW-12D	09/30/03	ND<2.5 U	FALSE
MW-12D	03/30/04	ND<2.5 U	FALSE
MW-12D	09/27/04	22	FALSE
MW-12D	04/11/05	15	FALSE
MW-12D	09/27/05	ND<2.5 U	FALSE
MW-12D	03/27/06	ND<2.5 U	FALSE
MW-12D	09/27/06	7.8	FALSE
MW-12D	03/27/07	1.1 J	FALSE
MW-12D	09/28/07	28.8	FALSE
MW-12D	03/27/08	ND<0.3 U	FALSE
MW-12D	09/30/08	5.7	FALSE
MW-12D	03/26/09	ND<2.5 U	FALSE
MW-12D	10/02/09	ND<2.5 U	FALSE

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MW-12D	04/06/10	ND<2.5 U	FALSE
MW-12D	10/07/10	ND<2.5 U	FALSE
MW-12D	03/29/11	ND<2.5 U	FALSE
MW-12D	10/06/11	ND<2.5 U	FALSE
MW-12D	04/05/12	ND<2.5 U	FALSE
MW-12D	10/05/12	ND<2.5 U	FALSE
MW-12D	04/11/13	ND<2.5 U	FALSE
MW-12D	10/10/13	ND<2.5 U	FALSE
MW-12D	04/11/14	ND<2.5 U	FALSE
MW-12D	10/02/14	ND<2.5 U	FALSE
MW-13D	09/27/05	12	FALSE
MW-13D	03/27/06	17	FALSE
MW-13D	09/28/06	11	FALSE
MW-13D	03/27/07	ND<5 U	FALSE
MW-13D	09/28/07	8.6	FALSE
MW-13D	03/27/08	10	FALSE
MW-13D	09/29/08	15.2	FALSE
MW-13D	03/26/09	17.5	FALSE
MW-13D	10/02/09	16	FALSE
MW-13D	04/02/10	18.3	FALSE
MW-13D	10/07/10	17.8	FALSE
MW-13D	03/25/11	21.9	FALSE
MW-13D	10/06/11	22.7	FALSE
MW-13D	04/05/12	22.2	FALSE
MW-13D	10/04/12	20.8	FALSE
MW-13D	04/09/13	24.5	FALSE
MW-13D	10/09/13	28.2	FALSE
MW-13D	04/17/14	29.7	FALSE
MW-13D	10/01/14	23.2	FALSE
MW-14D	09/27/06	ND<2.5 U	FALSE
MW-14D	03/27/07	ND<5 U	FALSE
MW-14D	09/28/07	ND<2.5 U	FALSE
MW-14D	03/27/08	ND<0.3 U	FALSE
MW-14D	09/30/08	ND<2.5 U	FALSE
MW-14D	03/26/09	ND<2.5 U	FALSE
MW-14D	10/02/09	ND<2.5 U	FALSE
MW-14D	04/06/10	ND<2.5 U	FALSE
MW-14D	10/07/10	ND<2.5 U	FALSE
MW-14D	03/29/11	ND<2.5 U	FALSE
MW-14D	10/06/11	ND<2.5 U	FALSE
MW-14D	04/05/12	ND<2.5 U	FALSE
MW-14D	10/05/12	ND<2.5 U	FALSE
MW-14D	04/11/13	ND<2.5 U	FALSE
MW-14D	10/11/13	ND<2.5 U	FALSE
MW-14D	04/11/14	ND<2.5 U	FALSE
MW-14D	10/02/14	ND<2.5 U	FALSE
MW-15D	10/10/13	ND<2.5 U	FALSE
MW-15D	04/11/14	6.5	FALSE
MW-15D	10/02/14	ND<2.5 U	FALSE

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Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 30
Compliance measurements = 252
Comparison Level = 1

27 background measurements exceed 1
238 compliance measurements exceed 1

p background = 0.9 = 27 / 30
p compliance = 0.944444 = 238 / 252
p total = 0.939716 = 265 / 282

nPs = 238
mPb = 27
n(1-Ps) = 14
m(1-Pb = 3 < 5.0

Zp = 0.966842 = 0.0444444 / 0.0459687
Z critical = 1.64485 at 95% confidence level

0.966842 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

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Non-Parametric Tolerance Interval

Parameter: Specific Conductance

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 0%
Background measurements (n) = 27
Maximum Background Concentration = 323
Minimum Coverage = 89.5%
Average Coverage = 96.4286%

Location	Date	Value	Significant
MW-5D	04/13/98	122	FALSE
MW-5D	11/11/98	129	FALSE
MW-5D	04/26/99	121	FALSE
MW-5D	11/02/99	123	FALSE
MW-5D	04/03/00	128	FALSE
MW-5D	11/06/00	140	FALSE
MW-5D	04/29/02	153	FALSE
MW-5D	10/28/02	165	FALSE
MW-5D	03/24/03	125	FALSE
MW-5D	09/29/03	115	FALSE
MW-5D	03/29/04	118	FALSE
MW-5D	09/27/04	165	FALSE
MW-5D	04/12/05	120	FALSE
MW-5D	09/26/05	130	FALSE
MW-5D	03/24/06	109	FALSE
MW-5D	09/26/06	158	FALSE
MW-5D	04/16/07	166	FALSE
MW-5D	03/26/08	167	FALSE
MW-5D	09/30/08	179.8	FALSE
MW-5D	03/26/09	176	FALSE
MW-5D	10/02/09	183	FALSE
MW-5D	04/02/10	180	FALSE
MW-5D	10/06/10	193	FALSE
MW-5D	03/25/11	195	FALSE
MW-5D	10/05/11	187	FALSE
MW-5D	04/05/12	196	FALSE
MW-5D	10/03/12	202	FALSE
MW-5D	04/11/13	195	FALSE
MW-5D	10/09/13	203.9	FALSE
MW-5D	04/17/14	204	FALSE
MW-5D	10/01/14	194	FALSE
MW-4D	04/15/98	229	FALSE
MW-4D	11/09/98	220	FALSE
MW-4D	04/26/99	215	FALSE
MW-4D	11/01/99	224	FALSE
MW-4D	04/04/00	214	FALSE
MW-4D	11/06/00	195	FALSE
MW-4D	04/29/02	190	FALSE
MW-4D	10/28/02	123	FALSE
MW-4D	03/24/03	185	FALSE
MW-4D	09/29/03	210	FALSE
MW-4D	03/29/04	185	FALSE

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MW-4D	09/27/04	246	FALSE
MW-4D	04/11/05	185	FALSE
MW-4D	09/26/05	220	FALSE
MW-4D	03/24/06	148	FALSE
MW-4D	09/27/06	237	FALSE
MW-4D	04/16/07	262	FALSE
MW-4D	09/28/07	250	FALSE
MW-4D	03/26/08	242	FALSE
MW-4D	09/29/08	253.5	FALSE
MW-4D	03/26/09	247	FALSE
MW-4D	10/02/09	248	FALSE
MW-4D	04/06/10	254	FALSE
MW-4D	10/07/10	224	FALSE
MW-4D	03/29/11	271	FALSE
MW-4D	10/05/11	256	FALSE
MW-4D	04/05/12	259	FALSE
MW-4D	10/04/12	266	FALSE
MW-4D	04/10/13	254	FALSE
MW-4D	10/10/13	265	FALSE
MW-4D	04/11/14	267	FALSE
MW-4D	10/01/14	248	FALSE

MW-2D	04/15/98	170	FALSE
MW-2D	11/11/98	157	FALSE
MW-2D	04/27/99	161	FALSE
MW-2D	11/02/99	167	FALSE
MW-2D	04/04/00	164	FALSE
MW-2D	11/06/00	150	FALSE
MW-2D	04/29/02	196	FALSE
MW-2D	10/28/02	161	FALSE
MW-2D	03/24/03	159	FALSE
MW-2D	09/29/03	160	FALSE
MW-2D	09/27/04	159	FALSE
MW-2D	04/11/05	162	FALSE
MW-2D	09/26/05	180	FALSE
MW-2D	03/23/06	152	FALSE
MW-2D	09/28/06	226	FALSE
MW-2D	04/16/07	227	FALSE
MW-2D	09/28/07	217	FALSE
MW-2D	03/26/08	218	FALSE
MW-2D	09/29/08	267	FALSE
MW-2D	03/26/09	230	FALSE
MW-2D	10/01/09	221	FALSE
MW-2D	04/06/10	181	FALSE
MW-2D	10/08/10	239	FALSE
MW-2D	03/25/11	252	FALSE
MW-2D	10/05/11	230	FALSE
MW-2D	04/04/12	248	FALSE
MW-2D	10/05/12	249	FALSE
MW-2D	04/10/13	228	FALSE
MW-2D	10/11/13	252.4	FALSE
MW-2D	04/17/14	261	FALSE
MW-2D	10/01/14	240	FALSE

MW-8D	04/17/98	133	FALSE

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MW-8D	11/10/98	121	FALSE
MW-8D	04/26/99	125	FALSE
MW-8D	11/01/99	126	FALSE
MW-8D	04/03/00	122	FALSE
MW-8D	11/07/00	133	FALSE
MW-8D	04/29/02	138	FALSE
MW-8D	10/28/02	140	FALSE
MW-8D	03/25/03	137	FALSE
MW-8D	09/30/03	115	FALSE
MW-8D	03/30/04	110	FALSE
MW-8D	09/27/04	120	FALSE
MW-8D	04/12/05	120	FALSE
MW-8D	09/27/05	155	FALSE
MW-8D	03/23/06	121	FALSE
MW-8D	09/26/06	178	FALSE
MW-8D	04/16/07	201	FALSE
MW-8D	09/28/07	208	FALSE
MW-8D	03/27/08	212	FALSE
MW-8D	09/29/08	226	FALSE
MW-8D	03/25/09	217	FALSE
MW-8D	10/05/09	219	FALSE
MW-8D	04/06/10	226	FALSE
MW-8D	10/08/10	269	FALSE
MW-8D	10/06/11	301	FALSE
MW-8D	04/06/12	3.6	FALSE
MW-8D	**10/05/12**	**331**	**TRUE**
MW-8D	**04/09/13**	**334**	**TRUE**
MW-8D	**10/11/13**	**365.4**	**TRUE**
MW-8D	**04/16/14**	**404**	**TRUE**
MW-8D	**10/02/14**	**376**	**TRUE**

MW-11D	04/29/02	150	FALSE
MW-11D	10/29/02	200	FALSE
MW-11D	03/25/03	202	FALSE
MW-11D	09/30/03	165	FALSE
MW-11D	03/30/04	155	FALSE
MW-11D	09/27/04	270	FALSE
MW-11D	04/12/05	185	FALSE
MW-11D	09/26/05	215	FALSE
MW-11D	03/23/06	201	FALSE
MW-11D	09/26/06	267	FALSE
MW-11D	04/16/07	308	FALSE
MW-11D	03/27/08	280	FALSE
MW-11D	09/30/08	283.8	FALSE
MW-11D	03/26/09	275	FALSE
MW-11D	10/05/09	298	FALSE
MW-11D	04/06/10	292	FALSE
MW-11D	**10/08/10**	**336**	**TRUE**
MW-11D	**03/29/11**	**335**	**TRUE**
MW-11D	**10/05/11**	**346**	**TRUE**
MW-11D	**04/06/12**	**347**	**TRUE**
MW-11D	**10/05/12**	**382**	**TRUE**
MW-11D	**04/09/13**	**362**	**TRUE**
MW-11D	**10/09/13**	**403.1**	**TRUE**
MW-11D	**04/17/14**	**371**	**TRUE**
MW-11D	**10/01/14**	**370**	**TRUE**

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MW-10D	04/30/02	210	FALSE
MW-10D	10/29/02	194	FALSE
MW-10D	03/25/03	217	FALSE
MW-10D	09/30/03	105	FALSE
MW-10D	03/30/04	110	FALSE
MW-10D	09/27/04	125	FALSE
MW-10D	04/12/05	129	FALSE
MW-10D	09/27/05	130	FALSE
MW-10D	03/23/06	122	FALSE
MW-10D	09/27/06	188	FALSE
MW-10D	04/16/07	199	FALSE
MW-10D	03/26/08	184	FALSE
MW-10D	09/26/08	189.8	FALSE
MW-10D	03/26/09	196	FALSE
MW-10D	10/01/09	198	FALSE
MW-10D	04/02/10	216	FALSE
MW-10D	10/07/10	193	FALSE
MW-10D	03/29/11	246	FALSE
MW-10D	10/05/11	237	FALSE
MW-10D	04/04/12	258	FALSE
MW-10D	10/03/12	255	FALSE
MW-10D	04/11/13	264	FALSE
MW-10D	10/09/13	281.5	FALSE
MW-10D	04/11/14	293	FALSE
MW-10D	10/01/14	272	FALSE

MW-12D	10/28/02	222	FALSE
MW-12D	03/25/03	205	FALSE
MW-12D	**09/30/03**	**325**	**TRUE**
MW-12D	03/30/04	241	FALSE
MW-12D	09/27/04	185	FALSE
MW-12D	04/11/05	181	FALSE
MW-12D	09/27/05	230	FALSE
MW-12D	03/27/06	141	FALSE
MW-12D	09/27/06	183	FALSE
MW-12D	04/16/07	169	FALSE
MW-12D	**09/28/07**	**342**	**TRUE**
MW-12D	03/27/08	217	FALSE
MW-12D	**09/30/08**	**440.2**	**TRUE**
MW-12D	03/26/09	205	FALSE
MW-12D	10/02/09	190	FALSE
MW-12D	04/06/10	244	FALSE
MW-12D	10/07/10	252	FALSE
MW-12D	03/29/11	286	FALSE
MW-12D	10/06/11	310	FALSE
MW-12D	**04/05/12**	**326**	**TRUE**
MW-12D	**10/05/12**	**349**	**TRUE**
MW-12D	**04/11/13**	**351**	**TRUE**
MW-12D	**10/10/13**	**373.9**	**TRUE**
MW-12D	**04/11/14**	**385**	**TRUE**
MW-12D	**10/02/14**	**638**	**TRUE**

MW-13D	09/27/05	180	FALSE

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MW-13D	03/27/06	145	FALSE
MW-13D	09/28/06	226	FALSE
MW-13D	04/16/07	247	FALSE
MW-13D	09/28/07	212	FALSE
MW-13D	03/27/08	233	FALSE
MW-13D	09/29/08	237.5	FALSE
MW-13D	03/26/09	232	FALSE
MW-13D	10/02/09	259	FALSE
MW-13D	**04/02/10**	**371**	**TRUE**
MW-13D	**10/07/10**	**363**	**TRUE**
MW-13D	**03/25/11**	**345**	**TRUE**
MW-13D	**10/06/11**	**351**	**TRUE**
MW-13D	**04/05/12**	**357**	**TRUE**
MW-13D	**10/04/12**	**386**	**TRUE**
MW-13D	**04/09/13**	**374**	**TRUE**
MW-13D	**10/09/13**	**480.7**	**TRUE**
MW-13D	**04/17/14**	**460**	**TRUE**
MW-13D	**10/01/14**	**399**	**TRUE**

MW-14D	09/27/06	241	FALSE
MW-14D	04/16/07	278	FALSE
MW-14D	09/28/07	277	FALSE
MW-14D	03/27/08	262	FALSE
MW-14D	09/30/08	217.3	FALSE
MW-14D	03/26/09	274	FALSE
MW-14D	10/02/09	267	FALSE
MW-14D	04/06/10	269	FALSE
MW-14D	10/07/10	227	FALSE
MW-14D	03/29/11	290	FALSE
MW-14D	10/06/11	273	FALSE
MW-14D	04/05/12	281	FALSE
MW-14D	10/05/12	282	FALSE
MW-14D	04/11/13	279	FALSE
MW-14D	10/11/13	272	FALSE
MW-14D	04/11/14	292	FALSE
MW-14D	10/02/14	272	FALSE

MW-15D	**10/10/13**	**521**	**TRUE**
MW-15D	**04/11/14**	**562**	**TRUE**
MW-15D	**10/02/14**	**472**	**TRUE**

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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) = 9
Maximum Background Concentration = 645000
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-12D	10/02/09	1280	FALSE
MW-12D	**04/06/10**	**1.14e+006**	**TRUE**
MW-12D	03/29/11	4080	FALSE
MW-12D	10/06/11	500	FALSE
MW-12D	04/05/12	657	FALSE
MW-12D	10/10/13	483	FALSE
MW-12D	04/11/14	124	FALSE
MW-12D	10/02/14	273	FALSE
MW-14D	10/02/09	ND<25 U	FALSE
MW-14D	04/06/10	ND<25000 U	FALSE
MW-14D	03/29/11	59.3	FALSE
MW-14D	10/06/11	ND<25 U	FALSE
MW-14D	04/05/12	ND<25 U	FALSE
MW-14D	10/11/13	ND<25 U	FALSE
MW-14D	04/11/14	ND<25 U	FALSE
MW-14D	10/02/14	ND<25 U	FALSE
MW-15D	10/10/13	1260	FALSE
MW-15D	04/11/14	715	FALSE
MW-15D	10/02/14	810	FALSE

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Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 9
Compliance measurements = 19
Comparison Level = 300

6 background measurements exceed 300
10 compliance measurements exceed 300

p background = 0.666667 = 6 / 9
p compliance = 0.526316 = 10 / 19
p total = 0.571429 = 16 / 28

nPs = 10
mPb = 6
n(1-Ps) = 9
m(1-Pb = 3 < 5.0

Zp = -0.700877 = -0.140351 / 0.20025
Z critical = 1.64485 at 95% confidence level

-0.700877 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

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Non-Parametric Tolerance Interval

Parameter: Manganese

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

Total Percent Non-Detects = 39.2857%
Background measurements (n) = 9
Maximum Background Concentration = 11400
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-12D	10/02/09	23.5	FALSE
MW-12D	**04/06/10**	**13000**	**TRUE**
MW-12D	03/29/11	63.1	FALSE
MW-12D	10/06/11	8.8	FALSE
MW-12D	04/05/12	13.6	FALSE
MW-12D	10/10/13	6.4	FALSE
MW-12D	04/11/14	7.9	FALSE
MW-12D	10/02/14	151	FALSE
MW-14D	10/02/09	ND<2.5 U	FALSE
MW-14D	04/06/10	ND<2500 U	FALSE
MW-14D	03/29/11	ND<2.5 U	FALSE
MW-14D	10/06/11	ND<2.5 U	FALSE
MW-14D	04/05/12	ND<2.5 U	FALSE
MW-14D	10/11/13	ND<2.5 U	FALSE
MW-14D	04/11/14	ND<2.5 U	FALSE
MW-14D	10/02/14	ND<2.5 U	FALSE
MW-15D	10/10/13	400	FALSE
MW-15D	04/11/14	519	FALSE
MW-15D	10/02/14	394	FALSE

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Two-Sample Test of Proportions

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 9
Compliance measurements = 19
Comparison Level = 50

2 background measurements exceed 50
7 compliance measurements exceed 50

p background = 0.222222 = 2 / 9
p compliance = 0.368421 = 7 / 19
p total = 0.321429 = 9 / 28

nPs = 7
mPb = 2 < 5.0
n(1-Ps) = 12
m(1-Pb = 7

Zp = 0.773611 = 0.146199 / 0.188982
Z critical = 1.64485 at 95% confidence level

0.773611 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 50

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Non-Parametric Tolerance Interval

Parameter: Nickel

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

Total Percent Non-Detects = 63.8298%
Background measurements (n) = 30
Maximum Background Concentration = 212
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5D	04/13/98	8 I	FALSE
MW-5D	11/11/98	6 I	FALSE
MW-5D	04/26/99	ND<2.5 U	FALSE
MW-5D	11/02/99	ND<2.5 U	FALSE
MW-5D	04/03/00	ND<2.5 U	FALSE
MW-5D	11/06/00	7.1	FALSE
MW-5D	04/30/01	ND<2.5 U	FALSE
MW-5D	10/22/01	6	FALSE
MW-5D	04/29/02	9	FALSE
MW-5D	10/28/02	ND<2.5 U	FALSE
MW-5D	03/24/03	ND<2.5 U	FALSE
MW-5D	09/29/03	ND<2.5 U	FALSE
MW-5D	03/29/04	ND<2.5 U	FALSE
MW-5D	09/27/04	ND<2.5 U	FALSE
MW-5D	04/12/05	ND<2.5 U	FALSE
MW-5D	09/26/05	ND<2.5 U	FALSE
MW-5D	03/24/06	ND<2.5 U	FALSE
MW-5D	09/26/06	ND<2.5 U	FALSE
MW-5D	03/27/07	ND<25 U	FALSE
MW-5D	09/27/07	2.9 J	FALSE
MW-5D	03/26/08	ND<0.85 U	FALSE
MW-5D	09/30/08	ND<2.5 U	FALSE
MW-5D	03/26/09	ND<2.5 U	FALSE
MW-5D	10/02/09	ND<2.5 U	FALSE
MW-5D	04/02/10	ND<2.5 U	FALSE
MW-5D	10/06/10	ND<2.5 U	FALSE
MW-5D	03/25/11	ND<2.5 U	FALSE
MW-5D	10/05/11	ND<2.5 U	FALSE
MW-5D	04/05/12	ND<2.5 U	FALSE
MW-5D	10/03/12	ND<2.5 U	FALSE
MW-5D	04/11/13	ND<1.25 U	FALSE
MW-5D	10/09/13	ND<2.5 U	FALSE
MW-5D	04/17/14	ND<2.5 U	FALSE
MW-5D	10/01/14	ND<2.5 U	FALSE
MW-2D	04/15/98	ND<2.5 U	FALSE
MW-2D	11/11/98	8 I	FALSE
MW-2D	04/27/99	ND<2.5 U	FALSE
MW-2D	11/02/99	ND<2.5 U	FALSE
MW-2D	04/04/00	ND<2.5 U	FALSE
MW-2D	11/06/00	ND<2.5 U	FALSE
MW-2D	04/30/01	ND<2.5 U	FALSE
MW-2D	10/22/01	ND<2.5 U	FALSE

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MW-2D	04/29/02	11	FALSE
MW-2D	10/28/02	5.5	FALSE
MW-2D	03/24/03	ND<2.5 U	FALSE
MW-2D	09/29/03	7.2	FALSE
MW-2D	03/29/04	ND<2.5 U	FALSE
MW-2D	09/27/04	ND<2.5 U	FALSE
MW-2D	04/11/05	ND<2.5 U	FALSE
MW-2D	09/26/05	ND<2.5 U	FALSE
MW-2D	03/23/06	ND<2.5 U	FALSE
MW-2D	09/28/06	ND<2.5 U	FALSE
MW-2D	03/27/07	ND<25 U	FALSE
MW-2D	09/28/07	ND<2.5 U	FALSE
MW-2D	03/26/08	ND<0.85 U	FALSE
MW-2D	09/29/08	ND<2.5 U	FALSE
MW-2D	03/26/09	ND<2.5 U	FALSE
MW-2D	10/01/09	ND<2.5 U	FALSE
MW-2D	04/06/10	ND<2.5 U	FALSE
MW-2D	10/08/10	ND<2.5 U	FALSE
MW-2D	03/25/11	ND<2.5 U	FALSE
MW-2D	10/05/11	ND<2.5 U	FALSE
MW-2D	04/04/12	ND<2.5 U	FALSE
MW-2D	10/05/12	ND<2.5 U	FALSE
MW-2D	04/10/13	ND<1.25 U	FALSE
MW-2D	10/11/13	ND<2.5 U	FALSE
MW-2D	04/17/14	ND<2.5 U	FALSE
MW-2D	10/01/14	ND<2.5 U	FALSE

MW-4D	04/15/98	ND<2.5 U	FALSE
MW-4D	11/09/98	6 I	FALSE
MW-4D	04/26/99	ND<2.5 U	FALSE
MW-4D	11/01/99	5 I	FALSE
MW-4D	04/04/00	ND<2.5 U	FALSE
MW-4D	11/06/00	6.5	FALSE
MW-4D	04/30/01	ND<2.5 U	FALSE
MW-4D	10/22/01	24	FALSE
MW-4D	04/29/02	14	FALSE
MW-4D	10/28/02	ND<2.5 U	FALSE
MW-4D	03/24/03	ND<2.5 U	FALSE
MW-4D	09/29/03	ND<2.5 U	FALSE
MW-4D	03/29/04	7	FALSE
MW-4D	09/27/04	ND<2.5 U	FALSE
MW-4D	04/11/05	ND<2.5 U	FALSE
MW-4D	09/26/05	ND<2.5 U	FALSE
MW-4D	03/24/06	ND<2.5 U	FALSE
MW-4D	09/27/06	5.5	FALSE
MW-4D	03/27/07	ND<25 U	FALSE
MW-4D	09/28/07	ND<2.5 U	FALSE
MW-4D	03/26/08	ND<0.85 U	FALSE
MW-4D	09/29/08	8	FALSE
MW-4D	03/26/09	7.1	FALSE
MW-4D	10/02/09	13.2	FALSE
MW-4D	04/06/10	ND<2.5 U	FALSE
MW-4D	10/07/10	ND<2.5 U	FALSE
MW-4D	03/29/11	ND<2.5 U	FALSE
MW-4D	10/05/11	ND<2.5 U	FALSE
MW-4D	04/05/12	ND<2.5 U	FALSE

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MW-4D	10/04/12	ND<2.5 U	FALSE
MW-4D	04/10/13	ND<1.25 U	FALSE
MW-4D	10/10/13	ND<2.5 U	FALSE
MW-4D	04/11/14	ND<2.5 U	FALSE
MW-4D	10/01/14	ND<2.5 U	FALSE

MW-8D	04/17/98	ND<2.5 U	FALSE
MW-8D	11/10/98	ND<2.5 U	FALSE
MW-8D	04/26/99	ND<2.5 U	FALSE
MW-8D	11/01/99	ND<2.5 U	FALSE
MW-8D	04/03/00	5 I	FALSE
MW-8D	11/07/00	ND<2.5 U	FALSE
MW-8D	04/30/01	ND<2.5 U	FALSE
MW-8D	10/22/01	12	FALSE
MW-8D	04/29/02	7.7	FALSE
MW-8D	10/28/02	ND<2.5 U	FALSE
MW-8D	03/25/03	ND<2.5 U	FALSE
MW-8D	09/30/03	ND<2.5 U	FALSE
MW-8D	03/30/04	ND<2.5 U	FALSE
MW-8D	09/27/04	ND<2.5 U	FALSE
MW-8D	04/12/05	ND<2.5 U	FALSE
MW-8D	09/27/05	ND<2.5 U	FALSE
MW-8D	03/23/06	ND<2.5 U	FALSE
MW-8D	09/26/06	ND<2.5 U	FALSE
MW-8D	03/27/07	ND<25 U	FALSE
MW-8D	09/28/07	ND<2.5 U	FALSE
MW-8D	03/27/08	ND<0.85 U	FALSE
MW-8D	09/29/08	ND<2.5 U	FALSE
MW-8D	03/25/09	ND<2.5 U	FALSE
MW-8D	10/05/09	ND<2.5 U	FALSE
MW-8D	04/06/10	ND<2.5 U	FALSE
MW-8D	10/08/10	ND<2.5 U	FALSE
MW-8D	03/29/11	ND<2.5 U	FALSE
MW-8D	10/06/11	ND<2.5 U	FALSE
MW-8D	04/06/12	ND<2.5 U	FALSE
MW-8D	10/05/12	ND<2.5 U	FALSE
MW-8D	04/09/13	ND<1.25 U	FALSE
MW-8D	10/11/13	ND<2.5 U	FALSE
MW-8D	04/16/14	ND<2.5 U	FALSE
MW-8D	10/02/14	ND<2.5 U	FALSE

MW-11D	04/29/02	20	FALSE
MW-11D	10/29/02	ND<2.5 U	FALSE
MW-11D	03/25/03	13	FALSE
MW-11D	09/29/03	ND<2.5 U	FALSE
MW-11D	03/30/04	ND<2.5 U	FALSE
MW-11D	09/27/04	ND<2.5 U	FALSE
MW-11D	04/12/05	ND<2.5 U	FALSE
MW-11D	09/26/05	ND<2.5 U	FALSE
MW-11D	03/23/06	ND<2.5 U	FALSE
MW-11D	09/26/06	6.5	FALSE
MW-11D	03/27/07	ND<25 U	FALSE
MW-11D	09/27/07	ND<2.5 U	FALSE
MW-11D	03/27/08	ND<0.85 U	FALSE
MW-11D	09/30/08	ND<2.5 U	FALSE

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MW-11D	03/26/09	ND<2.5 U	FALSE
MW-11D	10/05/09	ND<2.5 U	FALSE
MW-11D	04/06/10	ND<2.5 U	FALSE
MW-11D	10/08/10	ND<2.5 U	FALSE
MW-11D	03/29/11	ND<2.5 U	FALSE
MW-11D	10/05/11	ND<2.5 U	FALSE
MW-11D	04/06/12	ND<2.5 U	FALSE
MW-11D	10/05/12	ND<2.5 U	FALSE
MW-11D	04/09/13	ND<1.25 U	FALSE
MW-11D	10/09/13	ND<2.5 U	FALSE
MW-11D	04/17/14	ND<2.5 U	FALSE
MW-11D	10/01/14	ND<2.5 U	FALSE

MW-10D	**04/30/02**	**240**	**TRUE**
MW-10D	10/29/02	48	FALSE
MW-10D	03/25/03	47	FALSE
MW-10D	09/30/03	10	FALSE
MW-10D	03/30/04	8.8	FALSE
MW-10D	09/27/04	12	FALSE
MW-10D	04/12/05	35	FALSE
MW-10D	09/27/05	63	FALSE
MW-10D	03/23/06	18	FALSE
MW-10D	09/27/06	9.8	FALSE
MW-10D	03/27/07	4.8 J	FALSE
MW-10D	09/27/07	15.2	FALSE
MW-10D	03/26/08	7.9	FALSE
MW-10D	09/26/08	5.5	FALSE
MW-10D	03/26/09	6	FALSE
MW-10D	10/01/09	9.5	FALSE
MW-10D	04/02/10	10.2	FALSE
MW-10D	10/07/10	5.3	FALSE
MW-10D	03/29/11	5.5	FALSE
MW-10D	10/05/11	7.4	FALSE
MW-10D	04/04/12	6.8	FALSE
MW-10D	10/03/12	6.9	FALSE
MW-10D	04/11/13	10	FALSE
MW-10D	10/09/13	11.3	FALSE
MW-10D	04/11/14	6.8	FALSE
MW-10D	10/01/14	6.9	FALSE

MW-12D	10/28/02	ND<2.5 U	FALSE
MW-12D	**03/25/03**	**230**	**TRUE**
MW-12D	09/30/03	15	FALSE
MW-12D	03/30/04	ND<2.5 U	FALSE
MW-12D	09/27/04	52	FALSE
MW-12D	04/11/05	41	FALSE
MW-12D	09/27/05	9.9	FALSE
MW-12D	03/27/06	7.2	FALSE
MW-12D	09/27/06	35	FALSE
MW-12D	03/27/07	ND<25 U	FALSE
MW-12D	09/28/07	32.5	FALSE
MW-12D	03/27/08	6.7	FALSE
MW-12D	09/30/08	9	FALSE
MW-12D	03/26/09	ND<2.5 U	FALSE
MW-12D	10/02/09	12.7	FALSE

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MW-12D	04/06/10	ND<2.5 U	FALSE
MW-12D	10/07/10	ND<2.5 U	FALSE
MW-12D	03/29/11	ND<2.5 U	FALSE
MW-12D	10/06/11	ND<2.5 U	FALSE
MW-12D	04/05/12	ND<2.5 U	FALSE
MW-12D	10/05/12	ND<2.5 U	FALSE
MW-12D	04/11/13	ND<2.5 U	FALSE
MW-12D	10/10/13	ND<2.5 U	FALSE
MW-12D	04/11/14	ND<2.5 U	FALSE
MW-12D	10/02/14	11.3	FALSE
MW-13D	09/27/05	58	FALSE
MW-13D	03/27/06	47	FALSE
MW-13D	09/28/06	38	FALSE
MW-13D	03/27/07	26 J	FALSE
MW-13D	09/28/07	24.3	FALSE
MW-13D	03/27/08	35.6	FALSE
MW-13D	09/29/08	23.1	FALSE
MW-13D	03/26/09	26.2	FALSE
MW-13D	10/02/09	29	FALSE
MW-13D	04/02/10	22.2	FALSE
MW-13D	10/07/10	15.3	FALSE
MW-13D	03/25/11	18.5	FALSE
MW-13D	10/06/11	23.2	FALSE
MW-13D	04/05/12	19.3	FALSE
MW-13D	10/04/12	17.7	FALSE
MW-13D	04/09/13	18.8	FALSE
MW-13D	10/09/13	22.4	FALSE
MW-13D	04/17/14	17.1	FALSE
MW-13D	10/01/14	16.8	FALSE
MW-14D	09/27/06	ND<2.5 U	FALSE
MW-14D	03/27/07	ND<25 U	FALSE
MW-14D	09/28/07	ND<2.5 U	FALSE
MW-14D	03/27/08	ND<0.85 U	FALSE
MW-14D	09/30/08	ND<2.5 U	FALSE
MW-14D	03/26/09	ND<2.5 U	FALSE
MW-14D	10/02/09	ND<2.5 U	FALSE
MW-14D	04/06/10	ND<2.5 U	FALSE
MW-14D	10/07/10	ND<2.5 U	FALSE
MW-14D	03/29/11	ND<2.5 U	FALSE
MW-14D	10/06/11	ND<2.5 U	FALSE
MW-14D	04/05/12	ND<2.5 U	FALSE
MW-14D	10/05/12	ND<2.5 U	FALSE
MW-14D	04/11/13	ND<2.5 U	FALSE
MW-14D	10/11/13	ND<2.5 U	FALSE
MW-14D	04/11/14	ND<2.5 U	FALSE
MW-14D	10/02/14	ND<2.5 U	FALSE
MW-15D	10/10/13	8.9	FALSE
MW-15D	04/11/14	5.2	FALSE
MW-15D	10/02/14	5.2	FALSE

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Non-Parametric Tolerance Interval

Parameter: pH

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

Total Percent Non-Detects = 0%
Background measurements (n) = 27
Maximum Background Concentration = 16.1
Minimum Coverage = 89.5%
Average Coverage = 96.4286%

Location	Date	Value	Significant
MW-5D	04/13/98	6.5	FALSE
MW-5D	11/11/98	6.41	FALSE
MW-5D	04/26/99	6.15	FALSE
MW-5D	11/02/99	6.31	FALSE
MW-5D	04/03/00	6.21	FALSE
MW-5D	11/06/00	7.5	FALSE
MW-5D	04/29/02	6	FALSE
MW-5D	10/28/02	5.8	FALSE
MW-5D	03/24/03	5.94	FALSE
MW-5D	09/29/03	5.66	FALSE
MW-5D	03/29/04	6.41	FALSE
MW-5D	09/27/04	7.2	FALSE
MW-5D	04/12/05	6.4	FALSE
MW-5D	09/26/05	6.49	FALSE
MW-5D	03/24/06	6.88	FALSE
MW-5D	09/26/06	7	FALSE
MW-5D	04/16/07	6.26	FALSE
MW-5D	03/26/08	6.44	FALSE
MW-5D	09/30/08	6.35	FALSE
MW-5D	03/26/09	6.2	FALSE
MW-5D	10/02/09	6.08	FALSE
MW-5D	04/02/10	6.13	FALSE
MW-5D	10/06/10	6.6	FALSE
MW-5D	03/25/11	6.21	FALSE
MW-5D	10/05/11	6.5	FALSE
MW-5D	04/05/12	6.2	FALSE
MW-5D	10/03/12	6.2	FALSE
MW-5D	04/11/13	6.4	FALSE
MW-5D	10/09/13	6.5	FALSE
MW-5D	04/17/14	6.2	FALSE
MW-5D	10/01/14	6.2	FALSE
MW-4D	04/15/98	6.35	FALSE
MW-4D	11/09/98	6.46	FALSE
MW-4D	04/26/99	6.26	FALSE
MW-4D	11/01/99	6.4	FALSE
MW-4D	04/04/00	6.21	FALSE
MW-4D	11/06/00	5.9	FALSE
MW-4D	04/29/02	6.1	FALSE
MW-4D	10/28/02	6.72	FALSE
MW-4D	03/24/03	6.5	FALSE
MW-4D	09/29/03	6.54	FALSE
MW-4D	03/29/04	6.33	FALSE

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MW-4D	09/27/04	6.51	FALSE
MW-4D	04/11/05	5.85	FALSE
MW-4D	09/26/05	6.81	FALSE
MW-4D	03/24/06	5.93	FALSE
MW-4D	09/27/06	6.78	FALSE
MW-4D	04/16/07	6.64	FALSE
MW-4D	09/28/07	7.11	FALSE
MW-4D	03/26/08	6.93	FALSE
MW-4D	09/29/08	6.55	FALSE
MW-4D	03/26/09	6.4	FALSE
MW-4D	10/02/09	6.18	FALSE
MW-4D	04/06/10	6.23	FALSE
MW-4D	10/07/10	6.35	FALSE
MW-4D	03/29/11	6.51	FALSE
MW-4D	10/05/11	6.4	FALSE
MW-4D	04/05/12	6.2	FALSE
MW-4D	10/04/12	6.6	FALSE
MW-4D	04/10/13	6.4	FALSE
MW-4D	10/10/13	6.5	FALSE
MW-4D	04/11/14	6.6	FALSE
MW-4D	10/01/14	6.4	FALSE

MW-2D	04/15/98	6.69	FALSE
MW-2D	11/11/98	6.85	FALSE
MW-2D	04/27/99	5.6	FALSE
MW-2D	11/02/99	6.58	FALSE
MW-2D	04/04/00	6.54	FALSE
MW-2D	11/06/00	6.4	FALSE
MW-2D	04/29/02	5.6	FALSE
MW-2D	10/28/02	6.9	FALSE
MW-2D	03/24/03	6.93	FALSE
MW-2D	09/29/03	6.88	FALSE
MW-2D	09/27/04	6.68	FALSE
MW-2D	04/11/05	6.14	FALSE
MW-2D	09/26/05	6.81	FALSE
MW-2D	03/23/06	7.24	FALSE
MW-2D	09/28/06	6.85	FALSE
MW-2D	04/16/07	6.68	FALSE
MW-2D	09/28/07	7.13	FALSE
MW-2D	03/26/08	6.91	FALSE
MW-2D	09/29/08	6.43	FALSE
MW-2D	03/26/09	6.7	FALSE
MW-2D	10/01/09	6.4	FALSE
MW-2D	04/06/10	6.09	FALSE
MW-2D	10/08/10	6.34	FALSE
MW-2D	03/25/11	6.4	FALSE
MW-2D	10/05/11	6.6	FALSE
MW-2D	04/04/12	6.8	FALSE
MW-2D	10/05/12	6.8	FALSE
MW-2D	04/10/13	6.7	FALSE
MW-2D	10/11/13	6.7	FALSE
MW-2D	04/17/14	6.7	FALSE
MW-2D	10/01/14	6.6	FALSE

MW-8D	04/17/98	6.9	FALSE

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MW-8D	11/10/98	6.48	FALSE
MW-8D	04/26/99	6.36	FALSE
MW-8D	11/01/99	6.08	FALSE
MW-8D	04/03/00	6.41	FALSE
MW-8D	11/07/00	7.3	FALSE
MW-8D	04/29/02	5.8	FALSE
MW-8D	10/28/02	5.1	FALSE
MW-8D	03/25/03	6.31	FALSE
MW-8D	09/30/03	6.48	FALSE
MW-8D	03/30/04	6.19	FALSE
MW-8D	09/27/04	6.74	FALSE
MW-8D	04/12/05	6.2	FALSE
MW-8D	09/27/05	6.78	FALSE
MW-8D	03/23/06	7.01	FALSE
MW-8D	09/26/06	6.84	FALSE
MW-8D	04/16/07	6.82	FALSE
MW-8D	09/28/07	6.86	FALSE
MW-8D	03/27/08	6.61	FALSE
MW-8D	09/29/08	6.4	FALSE
MW-8D	03/25/09	6.4	FALSE
MW-8D	10/05/09	6.65	FALSE
MW-8D	04/06/10	6.34	FALSE
MW-8D	10/08/10	6.27	FALSE
MW-8D	03/29/11	6.34	FALSE
MW-8D	10/06/11	5.7	FALSE
MW-8D	04/06/12	6.5	FALSE
MW-8D	10/05/12	6.5	FALSE
MW-8D	04/09/13	6.3	FALSE
MW-8D	10/11/13	6.4	FALSE
MW-8D	04/16/14	6.3	FALSE
MW-8D	10/02/14	6.4	FALSE

MW-11D	04/29/02	6.1	FALSE
MW-11D	10/29/02	6	FALSE
MW-11D	03/25/03	6.03	FALSE
MW-11D	09/30/03	6.37	FALSE
MW-11D	03/30/04	6.3	FALSE
MW-11D	09/27/04	6.83	FALSE
MW-11D	04/12/05	6.48	FALSE
MW-11D	09/26/05	6.89	FALSE
MW-11D	03/23/06	6.86	FALSE
MW-11D	09/26/06	6.29	FALSE
MW-11D	04/16/07	6.55	FALSE
MW-11D	03/27/08	7.12	FALSE
MW-11D	09/30/08	6.67	FALSE
MW-11D	03/26/09	6.2	FALSE
MW-11D	10/05/09	6.56	FALSE
MW-11D	04/06/10	6.53	FALSE
MW-11D	10/08/10	6.59	FALSE
MW-11D	03/29/11	6.59	FALSE
MW-11D	10/05/11	6.6	FALSE
MW-11D	04/06/12	6.6	FALSE
MW-11D	10/05/12	6.6	FALSE
MW-11D	04/09/13	6.4	FALSE
MW-11D	10/09/13	6.6	FALSE
MW-11D	04/17/14	6.7	FALSE

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MW-11D	10/01/14	6.5	FALSE

MW-10D	04/30/02	6.8	FALSE
MW-10D	10/29/02	5.45	FALSE
MW-10D	03/25/03	6.1	FALSE
MW-10D	09/30/03	5.75	FALSE
MW-10D	03/30/04	6.23	FALSE
MW-10D	09/27/04	6.62	FALSE
MW-10D	04/12/05	6.67	FALSE
MW-10D	09/27/05	6.5	FALSE
MW-10D	03/23/06	6.83	FALSE
MW-10D	09/27/06	6.77	FALSE
MW-10D	04/16/07	6.75	FALSE
MW-10D	03/26/08	6.56	FALSE
MW-10D	09/26/08	6.56	FALSE
MW-10D	03/26/09	6.8	FALSE
MW-10D	10/01/09	6.38	FALSE
MW-10D	04/02/10	6.12	FALSE
MW-10D	10/07/10	6.47	FALSE
MW-10D	03/29/11	6.5	FALSE
MW-10D	10/05/11	6.6	FALSE
MW-10D	04/04/12	6.6	FALSE
MW-10D	10/03/12	6.4	FALSE
MW-10D	04/11/13	6.7	FALSE
MW-10D	10/09/13	6.7	FALSE
MW-10D	04/11/14	6.6	FALSE
MW-10D	10/01/14	6.4	FALSE

MW-12D	10/28/02	6.34	FALSE
MW-12D	03/25/03	6.29	FALSE
MW-12D	09/30/03	5.86	FALSE
MW-12D	03/30/04	6.17	FALSE
MW-12D	09/27/04	6.14	FALSE
MW-12D	04/11/05	5.47	FALSE
MW-12D	09/27/05	6.01	FALSE
MW-12D	03/27/06	6.13	FALSE
MW-12D	09/27/06	6.09	FALSE
MW-12D	04/16/07	5.79	FALSE
MW-12D	09/28/07	6.33	FALSE
MW-12D	03/27/08	6.78	FALSE
MW-12D	09/30/08	6.13	FALSE
MW-12D	03/26/09	6.01	FALSE
MW-12D	10/02/09	5.86	FALSE
MW-12D	04/06/10	6.46	FALSE
MW-12D	10/07/10	5.84	FALSE
MW-12D	03/29/11	6.29	FALSE
MW-12D	10/06/11	6.1	FALSE
MW-12D	04/05/12	6.6	FALSE
MW-12D	10/05/12	6.2	FALSE
MW-12D	04/11/13	6.7	FALSE
MW-12D	10/10/13	6.5	FALSE
MW-12D	04/11/14	6.2	FALSE
MW-12D	10/02/14	6.4	FALSE

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MW-13D	09/27/05	6.02	FALSE
MW-13D	03/27/06	6.34	FALSE
MW-13D	09/28/06	6.32	FALSE
MW-13D	04/16/07	6.29	FALSE
MW-13D	09/28/07	6.96	FALSE
MW-13D	03/27/08	6.75	FALSE
MW-13D	09/29/08	6.15	FALSE
MW-13D	03/26/09	6.25	FALSE
MW-13D	10/02/09	6.08	FALSE
MW-13D	04/02/10	6.02	FALSE
MW-13D	10/07/10	6.04	FALSE
MW-13D	03/25/11	6.17	FALSE
MW-13D	10/06/11	6.2	FALSE
MW-13D	04/05/12	6	FALSE
MW-13D	10/04/12	6.3	FALSE
MW-13D	04/09/13	6.1	FALSE
MW-13D	10/09/13	6.4	FALSE
MW-13D	04/17/14	6.3	FALSE
MW-13D	10/01/14	6.3	FALSE
MW-14D	09/27/06	7.34	FALSE
MW-14D	04/16/07	7.13	FALSE
MW-14D	09/28/07	7.53	FALSE
MW-14D	03/27/08	7.56	FALSE
MW-14D	09/30/08	6.71	FALSE
MW-14D	03/26/09	6.88	FALSE
MW-14D	10/02/09	6.94	FALSE
MW-14D	04/06/10	6.97	FALSE
MW-14D	10/07/10	7.04	FALSE
MW-14D	03/29/11	6.88	FALSE
MW-14D	10/06/11	6.8	FALSE
MW-14D	04/05/12	6.9	FALSE
MW-14D	10/05/12	7.2	FALSE
MW-14D	04/11/13	7	FALSE
MW-14D	10/11/13	7	FALSE
MW-14D	04/11/14	7.2	FALSE
MW-14D	10/02/14	7.1	FALSE
MW-15D	10/10/13	6.3	FALSE
MW-15D	04/11/14	6.5	FALSE
MW-15D	10/02/14	6.4	FALSE

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Non-Parametric Tolerance Interval

Parameter: Sulfate

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

Total Percent Non-Detects = 3.33333%
Background measurements (n) = 9
Maximum Background Concentration = 47100
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-12D	10/02/09	28800	FALSE
MW-12D	04/06/10	18700	FALSE
MW-12D	10/07/10	42500	FALSE
MW-12D	03/29/11	24400	FALSE
MW-12D	10/06/11	45500	FALSE
MW-12D	04/05/12	25300	FALSE
MW-12D	**10/10/13**	**59900**	**TRUE**
MW-12D	**04/11/14**	**69100**	**TRUE**
MW-12D	**10/02/14**	**139000**	**TRUE**
MW-14D	10/02/09	16000	FALSE
MW-14D	04/06/10	14900	FALSE
MW-14D	10/07/10	14300	FALSE
MW-14D	03/29/11	16200	FALSE
MW-14D	10/06/11	13500	FALSE
MW-14D	04/05/12	13800	FALSE
MW-14D	10/11/13	15700	FALSE
MW-14D	04/11/14	17300	FALSE
MW-14D	10/02/14	16900	FALSE
MW-15D	**10/10/13**	**77300**	**TRUE**
MW-15D	**04/11/14**	**108000**	**TRUE**
MW-15D	**10/02/14**	**66300**	**TRUE**

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Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 9
Compliance measurements = 21
Comparison Level = 250000

0 background measurements exceed 250000
0 compliance measurements exceed 250000

p background = 0 = 0 / 9
p compliance = 0 = 0 / 21
p total = 0 = 0 / 30

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 21
m(1-Pb = 9

Divide by zero error.

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Non-Parametric Tolerance Interval

Parameter: Total Dissolved Solids

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

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

Location	Date	Value	Significant
MW-12D	03/29/11	253000	FALSE
MW-12D	10/06/11	204000	FALSE
MW-12D	04/05/12	186000	FALSE
MW-12D	10/10/13	248000	FALSE
MW-12D	04/11/14	256000	FALSE
MW-12D	**10/02/14**	**443000**	**TRUE**
MW-14D	03/29/11	201000	FALSE
MW-14D	10/06/11	185000	FALSE
MW-14D	04/05/12	162000	FALSE
MW-14D	10/11/13	194000	FALSE
MW-14D	04/11/14	201000	FALSE
MW-14D	10/02/14	188000	FALSE
MW-15D	10/10/13	365000	FALSE
MW-15D	04/11/14	374000	FALSE
MW-15D	10/02/14	324000	FALSE

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Two-Sample Test of Proportions

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 6
Compliance measurements = 15
Comparison Level = 500000

0 background measurements exceed 500000
0 compliance measurements exceed 500000

p background = 0 = 0 / 6
p compliance = 0 = 0 / 15
p total = 0 = 0 / 21

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 15
m(1-Pb = 6

Divide by zero error.

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Non-Parametric Tolerance Interval

Parameter: Zinc

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

Total Percent Non-Detects = 47.1631%
Background measurements (n) = 30
Maximum Background Concentration = 195
Minimum Coverage = 90.5%
Average Coverage = 96.7742%

Location	Date	Value	Significant
MW-5D	04/13/98	30 I	FALSE
MW-5D	11/11/98	96 I	FALSE
MW-5D	04/26/99	49 I	FALSE
MW-5D	11/02/99	70 I	FALSE
MW-5D	04/03/00	47 I	FALSE
MW-5D	11/06/00	28	FALSE
MW-5D	04/30/01	ND<5 U	FALSE
MW-5D	10/22/01	33	FALSE
MW-5D	04/29/02	52	FALSE
MW-5D	10/28/02	11	FALSE
MW-5D	03/24/03	11	FALSE
MW-5D	09/29/03	ND<5 U	FALSE
MW-5D	03/29/04	ND<5 U	FALSE
MW-5D	09/27/04	79	FALSE
MW-5D	04/12/05	32	FALSE
MW-5D	09/26/05	17	FALSE
MW-5D	03/24/06	14	FALSE
MW-5D	09/26/06	23	FALSE
MW-5D	03/27/07	15	FALSE
MW-5D	09/27/07	20.7	FALSE
MW-5D	03/26/08	22.4	FALSE
MW-5D	09/30/08	ND<5 U	FALSE
MW-5D	03/26/09	17.2	FALSE
MW-5D	10/02/09	10.3	FALSE
MW-5D	04/02/10	ND<5 U	FALSE
MW-5D	10/06/10	ND<5 U	FALSE
MW-5D	03/25/11	17.4	FALSE
MW-5D	10/05/11	13.7	FALSE
MW-5D	04/05/12	18.7	FALSE
MW-5D	10/03/12	11.3	FALSE
MW-5D	04/11/13	ND<2.5 U	FALSE
MW-5D	10/09/13	ND<5 U	FALSE
MW-5D	04/17/14	ND<5 U	FALSE
MW-5D	10/01/14	ND<5 U	FALSE
MW-2D	04/15/98	180	FALSE
MW-2D	11/11/98	28 I	FALSE
MW-2D	04/27/99	29 I	FALSE
MW-2D	11/02/99	20 I	FALSE
MW-2D	04/04/00	ND<12.5 U	FALSE
MW-2D	11/06/00	14	FALSE
MW-2D	04/30/01	37	FALSE
MW-2D	10/22/01	ND<5 U	FALSE

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MW-2D	04/29/02	33	FALSE
MW-2D	10/28/02	18	FALSE
MW-2D	03/24/03	ND<5 U	FALSE
MW-2D	09/29/03	24	FALSE
MW-2D	03/29/04	18	FALSE
MW-2D	09/27/04	16	FALSE
MW-2D	04/11/05	ND<5 U	FALSE
MW-2D	09/26/05	ND<5 U	FALSE
MW-2D	03/23/06	16	FALSE
MW-2D	09/28/06	ND<5 U	FALSE
MW-2D	03/27/07	6.6 J	FALSE
MW-2D	09/28/07	5.6 J	FALSE
MW-2D	03/26/08	ND<0.2 U	FALSE
MW-2D	09/29/08	ND<5 U	FALSE
MW-2D	03/26/09	ND<5 U	FALSE
MW-2D	10/01/09	16.1	FALSE
MW-2D	04/06/10	ND<5 U	FALSE
MW-2D	10/08/10	ND<5 U	FALSE
MW-2D	03/25/11	ND<5 U	FALSE
MW-2D	10/05/11	16.8	FALSE
MW-2D	04/04/12	ND<5 U	FALSE
MW-2D	10/05/12	ND<5 U	FALSE
MW-2D	04/10/13	ND<2.5 U	FALSE
MW-2D	10/11/13	ND<5 U	FALSE
MW-2D	04/17/14	ND<5 U	FALSE
MW-2D	10/01/14	ND<5 U	FALSE

MW-4D	04/15/98	110	FALSE
MW-4D	11/09/98	38 I	FALSE
MW-4D	04/26/99	140	FALSE
MW-4D	11/01/99	80 I	FALSE
MW-4D	04/04/00	ND<12.5 U	FALSE
MW-4D	11/06/00	18	FALSE
MW-4D	04/30/01	21	FALSE
MW-4D	10/22/01	92	FALSE
MW-4D	04/29/02	20	FALSE
MW-4D	10/28/02	ND<5 U	FALSE
MW-4D	03/24/03	ND<5 U	FALSE
MW-4D	09/29/03	12	FALSE
MW-4D	03/29/04	14	FALSE
MW-4D	09/27/04	ND<5 U	FALSE
MW-4D	04/11/05	18	FALSE
MW-4D	09/26/05	28	FALSE
MW-4D	03/24/06	ND<5 U	FALSE
MW-4D	09/27/06	11	FALSE
MW-4D	03/27/07	5.3 J	FALSE
MW-4D	09/28/07	37.9	FALSE
MW-4D	03/26/08	ND<0.2 U	FALSE
MW-4D	09/29/08	ND<5 U	FALSE
MW-4D	03/26/09	10.4	FALSE
MW-4D	10/02/09	11.9	FALSE
MW-4D	04/06/10	ND<5 U	FALSE
MW-4D	10/07/10	ND<5 U	FALSE
MW-4D	03/29/11	10.8	FALSE
MW-4D	10/05/11	ND<5 U	FALSE
MW-4D	04/05/12	ND<5 U	FALSE

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MW-4D	10/04/12	ND<5 U	FALSE
MW-4D	04/10/13	11.8	FALSE
MW-4D	10/10/13	ND<5 U	FALSE
MW-4D	04/11/14	ND<5 U	FALSE
MW-4D	10/01/14	ND<5 U	FALSE

MW-8D	04/17/98	60 I	FALSE
MW-8D	**11/10/98**	**248**	**TRUE**
MW-8D	04/26/99	102 I	FALSE
MW-8D	11/01/99	30 I	FALSE
MW-8D	04/03/00	42 I	FALSE
MW-8D	11/07/00	19	FALSE
MW-8D	04/30/01	ND<5 U	FALSE
MW-8D	10/22/01	69	FALSE
MW-8D	04/29/02	34	FALSE
MW-8D	10/28/02	32	FALSE
MW-8D	03/25/03	30	FALSE
MW-8D	09/30/03	ND<5 U	FALSE
MW-8D	03/30/04	ND<5 U	FALSE
MW-8D	09/27/04	ND<5 U	FALSE
MW-8D	04/12/05	11	FALSE
MW-8D	09/27/05	18	FALSE
MW-8D	03/23/06	19	FALSE
MW-8D	09/26/06	22	FALSE
MW-8D	03/27/07	27	FALSE
MW-8D	09/28/07	32.3	FALSE
MW-8D	03/27/08	ND<0.2 U	FALSE
MW-8D	09/29/08	ND<5 U	FALSE
MW-8D	03/25/09	ND<5 U	FALSE
MW-8D	10/05/09	ND<5 U	FALSE
MW-8D	04/06/10	ND<5 U	FALSE
MW-8D	10/08/10	10.3	FALSE
MW-8D	03/29/11	ND<5 U	FALSE
MW-8D	10/06/11	10.4	FALSE
MW-8D	04/06/12	29.8	FALSE
MW-8D	10/05/12	ND<5 U	FALSE
MW-8D	04/09/13	ND<2.5 U	FALSE
MW-8D	10/11/13	ND<5 U	FALSE
MW-8D	04/16/14	ND<5 U	FALSE
MW-8D	10/02/14	ND<5 U	FALSE

MW-11D	04/29/02	33	FALSE
MW-11D	10/29/02	ND<5 U	FALSE
MW-11D	03/25/03	16	FALSE
MW-11D	09/29/03	ND<5 U	FALSE
MW-11D	03/30/04	ND<5 U	FALSE
MW-11D	09/27/04	24	FALSE
MW-11D	04/12/05	ND<5 U	FALSE
MW-11D	09/26/05	12	FALSE
MW-11D	03/23/06	11	FALSE
MW-11D	09/26/06	ND<5 U	FALSE
MW-11D	03/27/07	21	FALSE
MW-11D	09/27/07	13.2	FALSE
MW-11D	03/27/08	28	FALSE
MW-11D	09/30/08	ND<5 U	FALSE

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MW-11D	03/26/09	32.8	FALSE
MW-11D	10/05/09	ND<5 U	FALSE
MW-11D	04/06/10	ND<5 U	FALSE
MW-11D	10/08/10	ND<5 U	FALSE
MW-11D	03/29/11	ND<5 U	FALSE
MW-11D	10/05/11	ND<5 U	FALSE
MW-11D	04/06/12	ND<5 U	FALSE
MW-11D	10/05/12	ND<5 U	FALSE
MW-11D	04/09/13	23.8	FALSE
MW-11D	10/09/13	ND<5 U	FALSE
MW-11D	04/17/14	ND<5 U	FALSE
MW-11D	10/01/14	ND<5 U	FALSE

MW-10D	**04/30/02**	**210**	**TRUE**
MW-10D	10/29/02	30	FALSE
MW-10D	03/25/03	40	FALSE
MW-10D	09/30/03	16	FALSE
MW-10D	03/30/04	ND<5 U	FALSE
MW-10D	09/27/04	ND<5 U	FALSE
MW-10D	04/12/05	20	FALSE
MW-10D	09/27/05	56	FALSE
MW-10D	03/23/06	22	FALSE
MW-10D	09/27/06	17	FALSE
MW-10D	03/27/07	6.9 J	FALSE
MW-10D	09/27/07	21.9	FALSE
MW-10D	03/26/08	11.2	FALSE
MW-10D	09/26/08	ND<5 U	FALSE
MW-10D	03/26/09	ND<5 U	FALSE
MW-10D	10/01/09	ND<5 U	FALSE
MW-10D	04/02/10	ND<5 U	FALSE
MW-10D	10/07/10	ND<5 U	FALSE
MW-10D	03/29/11	19.2	FALSE
MW-10D	10/05/11	ND<5 U	FALSE
MW-10D	04/04/12	ND<5 U	FALSE
MW-10D	10/03/12	ND<5 U	FALSE
MW-10D	04/11/13	16	FALSE
MW-10D	10/09/13	ND<5 U	FALSE
MW-10D	04/11/14	ND<5 U	FALSE
MW-10D	10/01/14	ND<5 U	FALSE

MW-12D	10/28/02	ND<5 U	FALSE
MW-12D	**03/25/03**	**320**	**TRUE**
MW-12D	09/30/03	20	FALSE
MW-12D	03/30/04	ND<5 U	FALSE
MW-12D	09/27/04	95	FALSE
MW-12D	04/11/05	79	FALSE
MW-12D	09/27/05	12	FALSE
MW-12D	03/27/06	20	FALSE
MW-12D	09/27/06	64	FALSE
MW-12D	03/27/07	7.8 J	FALSE
MW-12D	09/28/07	64.5	FALSE
MW-12D	03/27/08	10.1	FALSE
MW-12D	09/30/08	ND<5 U	FALSE
MW-12D	03/26/09	ND<5 U	FALSE
MW-12D	10/02/09	12.2	FALSE

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MW-12D	04/06/10	ND<5 U	FALSE
MW-12D	10/07/10	ND<5 U	FALSE
MW-12D	03/29/11	23.2	FALSE
MW-12D	10/06/11	ND<5 U	FALSE
MW-12D	04/05/12	ND<5 U	FALSE
MW-12D	10/05/12	ND<5 U	FALSE
MW-12D	04/11/13	ND<5 U	FALSE
MW-12D	10/10/13	ND<5 U	FALSE
MW-12D	04/11/14	ND<5 U	FALSE
MW-12D	10/02/14	15	FALSE
MW-13D	09/27/05	39	FALSE
MW-13D	03/27/06	33	FALSE
MW-13D	09/28/06	14	FALSE
MW-13D	03/27/07	26	FALSE
MW-13D	09/28/07	40.6	FALSE
MW-13D	03/27/08	16.4	FALSE
MW-13D	09/29/08	ND<5 U	FALSE
MW-13D	03/26/09	ND<5 U	FALSE
MW-13D	10/02/09	ND<5 U	FALSE
MW-13D	04/02/10	ND<5 U	FALSE
MW-13D	10/07/10	ND<5 U	FALSE
MW-13D	03/25/11	ND<5 U	FALSE
MW-13D	10/06/11	ND<5 U	FALSE
MW-13D	04/05/12	13	FALSE
MW-13D	10/04/12	ND<5 U	FALSE
MW-13D	04/09/13	ND<2.5 U	FALSE
MW-13D	10/09/13	ND<5 U	FALSE
MW-13D	04/17/14	ND<5 U	FALSE
MW-13D	10/01/14	11.6	FALSE
MW-14D	09/27/06	ND<5 U	FALSE
MW-14D	03/27/07	6.7 J	FALSE
MW-14D	09/28/07	23.2	FALSE
MW-14D	03/27/08	ND<0.2 U	FALSE
MW-14D	09/30/08	ND<5 U	FALSE
MW-14D	03/26/09	ND<5 U	FALSE
MW-14D	10/02/09	11.1	FALSE
MW-14D	04/06/10	ND<5 U	FALSE
MW-14D	10/07/10	ND<5 U	FALSE
MW-14D	03/29/11	ND<5 U	FALSE
MW-14D	10/06/11	ND<5 U	FALSE
MW-14D	04/05/12	ND<5 U	FALSE
MW-14D	10/05/12	ND<5 U	FALSE
MW-14D	04/11/13	ND<5 U	FALSE
MW-14D	10/11/13	ND<5 U	FALSE
MW-14D	04/11/14	11	FALSE
MW-14D	10/02/14	ND<5 U	FALSE
MW-15D	10/10/13	ND<5 U	FALSE
MW-15D	04/11/14	ND<5 U	FALSE
MW-15D	10/02/14	14.6	FALSE

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Figure 1. Facility Figure, New Buncombe County Landfill, Buncombe County

Table 2. October 2014 Groundwater Velocity Calcuations, New Buncombe County Landfill, Buncombe County, North Carolina.

MW--ID	Hydraulic Conductivity (feet/day)	Change in head (dh) (feet)	Distance Between W-ells (dl)(feet)	Hydraulic Gradient (dh/dl) (feet)	Porosity (n_e)	Velocity (feet/day) (V)	Comments
MW-1	0.117	9.8	1034.3	0.01	0.05	0.02	Between MW-1 and 1945 contour
MW-2	5.67	17.8	352.2	0.05	0.05	5.74	Between MW-2 and 1930 contour
MW-3R	1.84	18.2	323.6	0.06	0.05	2.07	Between MW-3R and 1935 contour
MW-4	1.42	15.1	193.3	0.08	0.05	2.22	Between MW-4 and 1945 contour
MW-5	2.75	13.1	229.3	0.06	0.05	3.14	Between MW-5 and 1955 contour
MW-6	0.414	15.5	286.3	0.05	0.05	0.45	Between MW-6 and 1945 contour
MW-7	0.201	25.1	140.6	0.18	0.05	0.72	Between MW-7 and 1955 contour
MW-8	0.0358	40.3	231.2	0.17	0.05	0.12	Between MW-8 and 1970 contour
MW-10	0.07	4.9	239.6	0.02	0.05	0.03	Between MW-10 and 1945 contour
MW-11	0.915	6.4	538.9	0.01	0.05	0.22	Between MW-11 and 1940 contour
MW-12	0.33	5.6	143.7	0.04	0.05	0.26	Between MW-12 and 1940 contour
MW-13	0.77	2.8	106.2	0.03	0.3	0.07	Between MW-13 and 1945 contour
MW-14	0.33	18.3	327.4	0.06	0.05	0.37	Between MW-14 and 1940 contour
MW-15S	---	10.9	143.7	0.08	0.05	---	Between MW-15S and 1940 contour
MW-1D	0.0327	7.0	858.2	0.01	0.05	0.005	Between MW-1D and 1946 contour
MW-2D	0.159	9.6	213.0	0.05	0.05	0.144	Between MW-2D and 1922 contour
MW-4D	0.833	10.2	179.6	0.06	0.05	0.942	Between MW-4D and 1940 contour
MW-5D	0.329	7.7	144.2	0.05	0.05	0.351	Between MW-5D and 1932 contour
MW-8D	3.35	2.5	294.6	0.01	0.05	0.564	Between MW-8D and 1934 contour
MW-10D	0.176	6.7	394.5	0.02	0.05	0.060	Between MW-10D and 1946 contour
MW-11D	1.35	5.9	415.6	0.01	0.05	0.384	Between MW-11D and 1938 contour
MW-12D	---	6.4	220.5	0.03	0.05	---	Between MW-12D and 1940 contour
MW-13D	0.28	19.2	192.9	0.10	0.05	0.558	Between MW-13D and 1942 contour
MW-14D	0.04	1.4	259.1	0.01	0.05	0.004	Between MW-14D and 1936 contour
MW-15D	---	10.6	248.3	0.04	0.05	---	Between MW--15D and 1936 contour

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

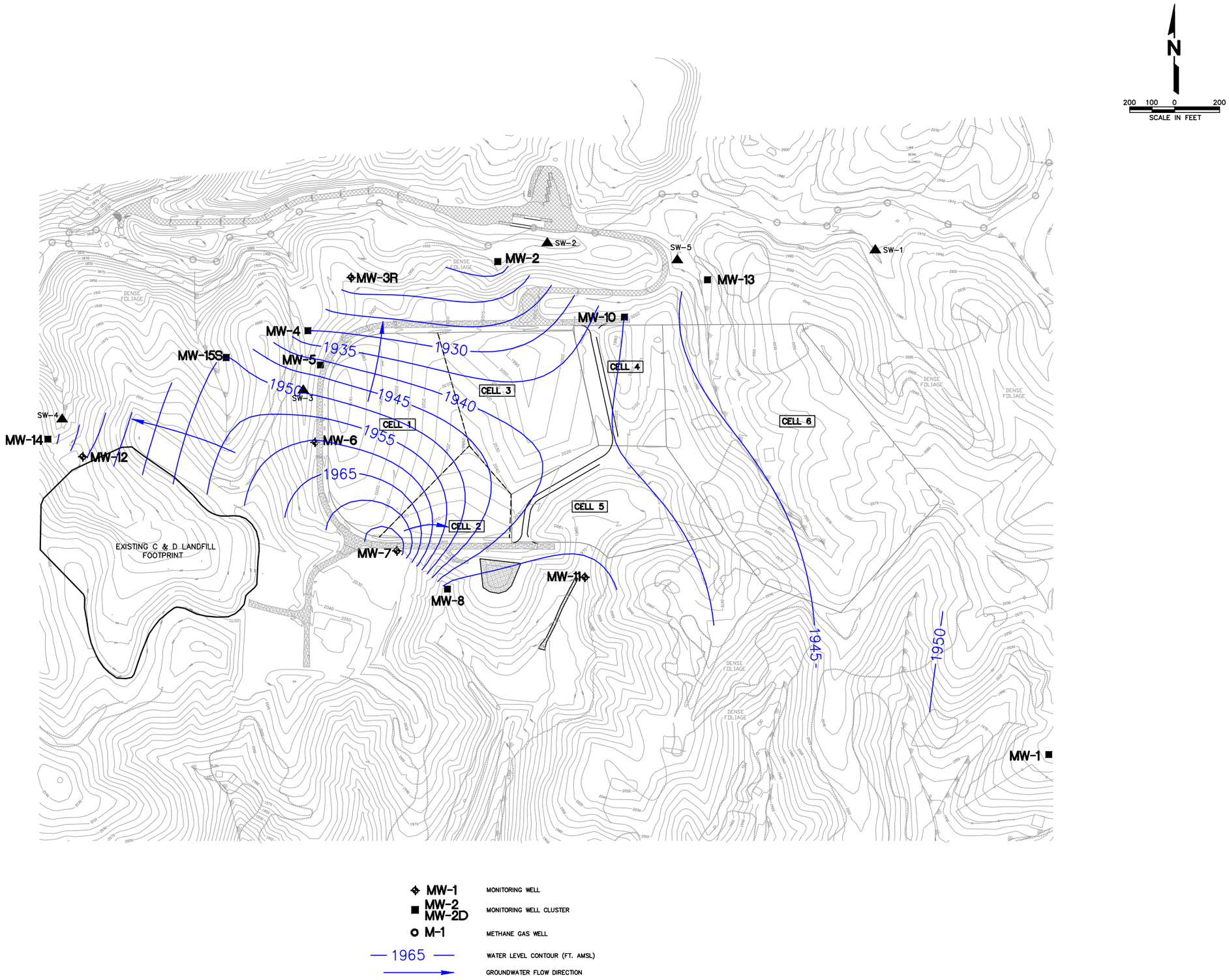

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Figure 2. October 2014 Groundwater Contour Map, Shallow Wells, New Buncombe County Landfill, Buncombe County

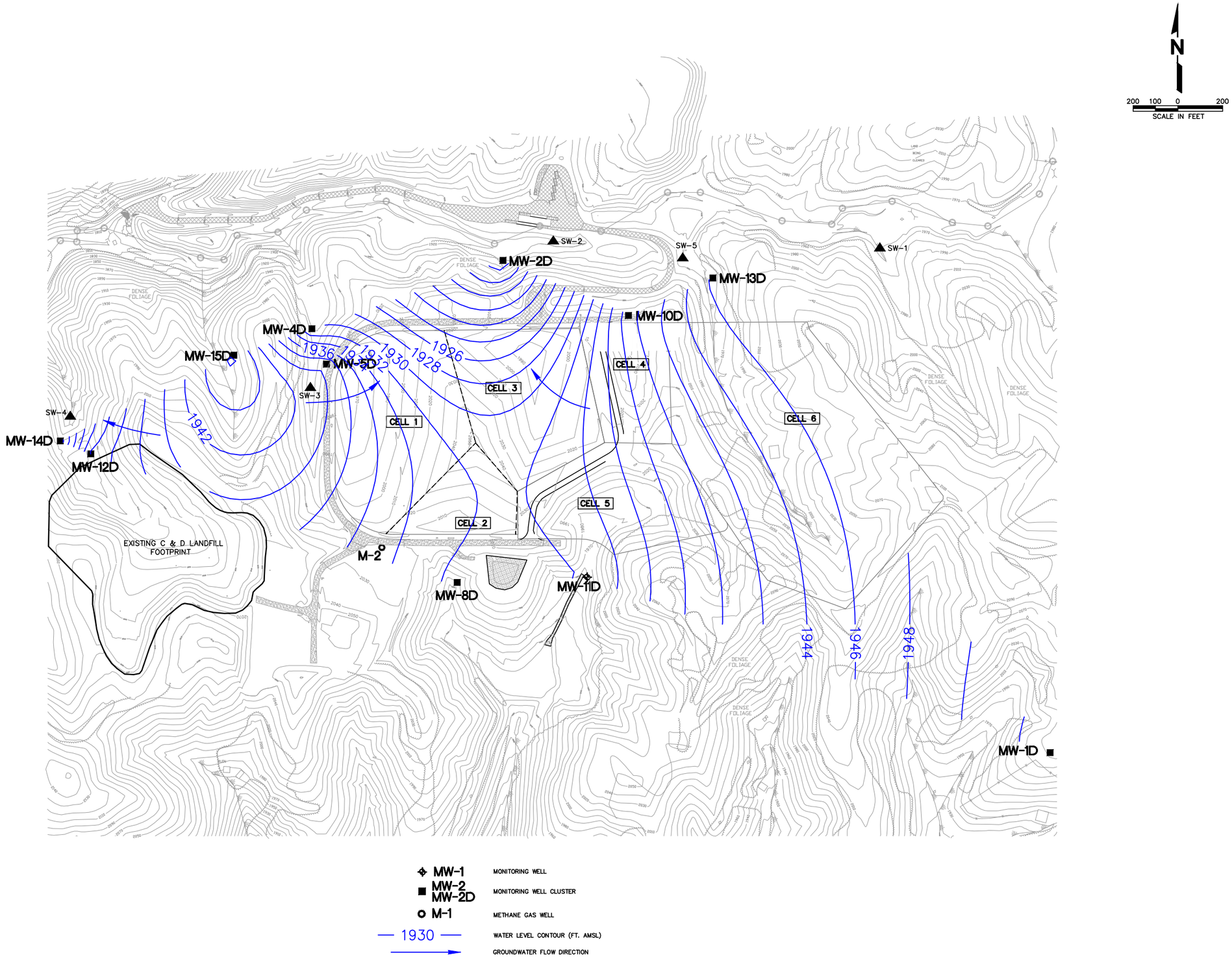

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Figure 3. October 2014 Groundwater Contour Map, Deep Wells, New Buncombe County Landfill, Buncombe County

Table 3. Well Construction Table, New Buncombe County Landfill, Buncombe County, North Carolina.

MW-ID	Installation Date	Well Diameter (in)	Total Well Depth (feet)	Depth to Top of Screen (feet)	Screened Interval (feet bgs)	Geology of Screened Interval	Top of Casing Elevation (AMSL)	Ground Elevation (AMSL)	Easting	Northing	October 2014 Depth to Water
MW-1	1990's	2	76	61	61.0-76.0	Saprolite/PWR	2021.22	2019.28	923481.5	737383.3	66.42
MW-1D	1990's	2	200	85	85.0-95.0	Bedrock	2021.57	2019.97	923468.7	737371	68.54
MW-2	1990's	2	20	5	5.0-20.0	Saprolite/PWR	1920.86	1918.54	921033.3	739569.6	8.70
MW-2D	1990's	2	55	45	45.0-55.0	Bedrock	1920.51	1918.63	921027.7	739565.7	8.15
MW-3R	07/28/14	2	55	45	45.0-55.0	PWR	1973.18	1975.67	920384.3	739499.1	56.39
MW-4	1990's	2	25	9	9.0-24.0	Saprolite/PWR	1944.35	1942.48	920192.1	739263	14.47
MW-4D	1990's	2	55	45	45.0-55.0	Bedrock	1944.64	1942.79	920177.3	739261	14.80
MW-5	1990's	2	50	35	35.0-50.0	Saprolite/PWR	1977.12	1975.39	920246.7	739111.5	35.22
MW-5D	1990's	2	81	71	71.0-81.0	Bedrock	1976.92	1975.31	920242.3	739103.6	37.22
MW-6	1990's	2	50	35	35.0-50.0	Saprolite/PWR	1987.34	1985.39	920223.6	738767.9	26.80
MW-7	1990's	2	61	42	42.0-57.0	Saprolite/PWR	2022.83	2020.72	920586.8	738286.3	42.74
MW-8	1990's	2	70	55	55.0-70.0	Saprolite/PWR	1962.06	1959.85	920801.7	738102	32.35
MW-8D	1990's	2	95	85	85.0-95.0	Bedrock	1962.47	1960.57	920812	738116.7	30.95
MW-10	03/06/02	2	73	58	58.0-73.0	Saprolite/PWR	2010.54	2007.5	921597	739324	70.45
MW-10D	03/06/02	2	117	102	102.0-117.0	Bedrock	2010.56	2007.5	921590.8	739324	71.23
MW-11	03/06/02	2	50	35	35.0-50.0	Bedrock	1966.71	1963.7	921422.1	738169.2	33.08
MW-11D	03/06/02	2	70	60	60.0-70.0	Bedrock	1966.15	1963.2	921406	738154	34.06
MW-12 (CD)	06/25/02	2	17	7	7.0-17.0	Saprolite/PWR/Bedrock	1947.39	1944.7	919192.4	738703.7	13.02
MW-12D (CD)	06/25/02	2	37	27	27.0-37.0	Bedrock	1947.10	1944.3	921966.6	739489.5	7.40
MW-13	06/24/12	2	16	6	6.0-16.0	Bedrock	1953.92	1951.3	921966.6	739489.5	6.15
MW-13D	06/23/05	2	44	39	39.0-44.0	Bedrock	1953.82	1951.4	919055.7	738761.6	30.99
MW-14 (CD)	04/05/06	2	49	39	39.0-49.0	Bedrock	1952.77	1949.8	919037.1	738782.5	31.11
MW-14D (CD)	04/06/06	2	88	78	78.0-88.0	Bedrock	1953.76	1950.7	919192.4	738703.7	12.51
MW-15S	06/07/12	2	26	16	16.0-26.0	Saprolite/PWR	1973.29	1970.21	919829.3	739143.4	22.43
MW-15D	06/07/12	2	43	33	33.0-43.0	Bedrock	1973.51	1970.25	919829.3	739143.4	26.92

Notes:
1. AMSL- Above Mean Sea Level TOC - Top of Casing
2. bgs = below ground surface
3. (CD) - Wells Monitor C&D Landfill

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

November 01, 2014

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

RE: Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between October 01, 2014 and October 21, 2014. 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,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

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CERTIFICATIONS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

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 Certification: FL NELAC Reciprocity
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
Maryland Certification: #346
Massachusetts Certification #: M-FL1264
Michigan Certification #: 9911
Mississippi Certification: FL NELAC Reciprocity
Missouri Certification #: 236
Montana Certification #: Cert 0074
Nebraska Certification: NE-OS-28-14
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 Certification: #96042001
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 Drive, 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 NEW LF MW'S
Pace Project No.: 92219622

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92219622001	**1107-MW2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622002	**1107-MW2D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622003	**1107-MW3R**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622004	**1107-MW4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622005	**1107-MW4D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622006	**1107-MW5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622007	**1107-MW5D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622008	**1107-MW6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622009	**1107-MW10**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622010	**1107-MW10D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622011	**1107-MW11**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622012	**1107-MW11D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622013	**1107-MW13**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622014	**1107-MW13D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622015	**1107-MW1**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	HVK	1	PASI-A
		EPA 8270	RES	117	PASI-C
		EPA 8260	GAW	69	PASI-C
		SM 4500-S2D	JTJ	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92219622016	**1107-MW1D**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	HVK	1	PASI-A
		EPA 8270	RES	117	PASI-C
		EPA 8260	GAW	69	PASI-C
		SM 4500-S2D	JTJ	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92219622017	**1107-MW7**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	6	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	HVK	1	PASI-A
		EPA 8270	RES	117	PASI-C
		EPA 8260	GAW	69	PASI-C
		SM 4500-S2D	JTJ	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92219622018	**1107-MW12**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622019	**1107-MW12D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622020	**1107-MW14**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622021	**1107-MW14D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622022	**1107-MW15S**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622023	**1107-MW15D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622024	**1107-MW8**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622025	**1107-MW8D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622026	**1107-SW4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92219622027	**1107-TRIP BLANK**	EPA 8260	GAW	52	PASI-C

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW2 **Lab ID: 92219622001** Collected: 10/01/14 09:50 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 09:50		
Field pH	**5.9**	Std. Units	0.10	1		10/01/14 09:50		
Field Temperature	**15.0**	deg C	0.50	1		10/01/14 09:50		
Static Water Level	**8.70**	feet		1		10/01/14 09:50		
Field Specific Conductance	**172**	umhos/cm	1.0	1		10/01/14 09:50		
Turbidity	**2.31**	NTU	1.0	1		10/01/14 09:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:27	7440-38-2	
Barium	**110**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:27	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:27	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:27	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:27	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:27	7440-62-2	
Zinc	**16.7**	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:27	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 00:08	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 00:08	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 00:08	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 00:08	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 00:08	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 00:08	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 00:08	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 00:08	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 00:08	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 00:08	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 00:08	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 00:08	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 00:08	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 00:08	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 00:08	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 00:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 00:08	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 00:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 00:08	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 00:08	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 00:08	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW2 **Lab ID: 92219622001** Collected: 10/01/14 09:50 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 00:08	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 00:08	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:08	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 00:08	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 00:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 00:08	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 00:08	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 00:08	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 00:08	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 00:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 00:08	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 00:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 00:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 00:08	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 00:08	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 00:08	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 00:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 00:08	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 00:08	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 00:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 00:08	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 00:08	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 00:08	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 00:08	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 00:08	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 00:08	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/08/14 00:08	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/08/14 00:08	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 00:08	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW2D **Lab ID: 92219622002** Collected: 10/01/14 09:55 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 09:55		
Field pH	**6.6**	Std. Units	0.10	1		10/01/14 09:55		
Field Temperature	**14.8**	deg C	0.50	1		10/01/14 09:55		
Static Water Level	**8.15**	feet		1		10/01/14 09:55		
Field Specific Conductance	**240**	umhos/cm	1.0	1		10/01/14 09:55		
Turbidity	**0.90**	NTU	1.0	1		10/01/14 09:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:36	7440-38-2	
Barium	**86.2**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:36	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:36	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:36	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:36	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:36	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:36	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 00:25	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 00:25	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 00:25	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 00:25	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 00:25	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 00:25	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 00:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 00:25	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 00:25	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 00:25	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 00:25	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 00:25	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 00:25	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 00:25	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 00:25	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 00:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 00:25	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 00:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 00:25	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 00:25	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 00:25	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW2D **Lab ID: 92219622002** Collected: 10/01/14 09:55 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 00:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 00:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 00:25	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 00:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 00:25	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 00:25	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 00:25	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 00:25	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 00:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 00:25	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 00:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 00:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 00:25	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 00:25	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 00:25	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 00:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 00:25	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 00:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 00:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 00:25	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 00:25	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 00:25	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 00:25	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 00:25	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 00:25	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/14 00:25	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		10/08/14 00:25	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/08/14 00:25	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW3R **Lab ID: 92219622003** Collected: 10/01/14 10:50 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 10:50		
Field pH	**6.3**	Std. Units	0.10	1		10/01/14 10:50		
Field Temperature	**14.4**	deg C	0.50	1		10/01/14 10:50		
Static Water Level	**56.39**	feet		1		10/01/14 10:50		
Field Specific Conductance	**191**	umhos/cm	1.0	1		10/01/14 10:50		
Turbidity	**9.48**	NTU	1.0	1		10/01/14 10:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:39	7440-38-2	
Barium	**159**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:39	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:39	7440-43-9	
Chromium	**9.6**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7439-92-1	
Nickel	**10.7**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:39	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:39	7440-28-0	
Vanadium	**12.1**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:39	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:39	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 00:41	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 00:41	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 00:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 00:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 00:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 00:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 00:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 00:41	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 00:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 00:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 00:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 00:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 00:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 00:41	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 00:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 00:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 00:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 00:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 00:41	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 00:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 00:41	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW3R **Lab ID: 92219622003** Collected: 10/01/14 10:50 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 00:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 00:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 00:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 00:41	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 00:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 00:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 00:41	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 00:41	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 00:41	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 00:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 00:41	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 00:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 00:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 00:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 00:41	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 00:41	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 00:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 00:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 00:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 00:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 00:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 00:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 00:41	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 00:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 00:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 00:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/14 00:41	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		10/08/14 00:41	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 00:41	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW4 **Lab ID: 92219622004** Collected: 10/01/14 11:05 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 11:05		
Field pH	**6.2**	Std. Units	0.10	1		10/01/14 11:05		
Field Temperature	**15.5**	deg C	0.50	1		10/01/14 11:05		
Static Water Level	**14.47**	feet		1		10/01/14 11:05		
Field Specific Conductance	**210**	umhos/cm	1.0	1		10/01/14 11:05		
Turbidity	**1.14**	NTU	1.0	1		10/01/14 11:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:42	7440-38-2	
Barium	**67.0**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:42	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:42	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:42	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:42	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:42	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:42	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 01:14	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 01:14	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 01:14	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 01:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 01:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 01:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 01:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 01:14	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 01:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 01:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 01:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 01:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 01:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 01:14	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 01:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 01:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 01:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 01:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 01:14	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 01:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 01:14	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW4 **Lab ID: 92219622004** Collected: 10/01/14 11:05 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 01:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 01:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 01:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 01:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 01:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 01:14	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 01:14	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 01:14	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 01:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 01:14	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 01:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 01:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 01:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 01:14	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 01:14	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 01:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 01:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 01:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 01:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 01:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 01:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 01:14	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 01:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 01:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 01:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		10/08/14 01:14	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		10/08/14 01:14	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		10/08/14 01:14	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW4D **Lab ID: 92219622005** Collected: 10/01/14 11:10 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 11:20		
Field pH	**6.4**	Std. Units	0.10	1		10/01/14 11:20		
Field Temperature	**15.1**	deg C	0.50	1		10/01/14 11:20		
Static Water Level	**14.80**	feet		1		10/01/14 11:20		
Field Specific Conductance	**248**	umhos/cm	1.0	1		10/01/14 11:20		
Turbidity	**1.70**	NTU	1.0	1		10/01/14 11:20		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:45	7440-38-2	
Barium	**27.5**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:45	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:45	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:45	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:45	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:45	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:45	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 01:30	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 01:30	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 01:30	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 01:30	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 01:30	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 01:30	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 01:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 01:30	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 01:30	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 01:30	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 01:30	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 01:30	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 01:30	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 01:30	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 01:30	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 01:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 01:30	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 01:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 01:30	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 01:30	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 01:30	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW4D **Lab ID: 92219622005** Collected: 10/01/14 11:10 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 01:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 01:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 01:30	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 01:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 01:30	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 01:30	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 01:30	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 01:30	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 01:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 01:30	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 01:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 01:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 01:30	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 01:30	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 01:30	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 01:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 01:30	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 01:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 01:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 01:30	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 01:30	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 01:30	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 01:30	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 01:30	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 01:30	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/08/14 01:30	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/08/14 01:30	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/08/14 01:30	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW5 **Lab ID: 92219622006** Collected: 10/01/14 11:30 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 11:30		
Field pH	**6.3**	Std. Units	0.10	1		10/01/14 11:30		
Field Temperature	**15.7**	deg C	0.50	1		10/01/14 11:30		
Static Water Level	**35.22**	feet		1		10/01/14 11:30		
Field Specific Conductance	**200**	umhos/cm	1.0	1		10/01/14 11:30		
Turbidity	**4.96**	NTU	1.0	1		10/01/14 11:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:48	7440-38-2	
Barium	**104**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:48	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:48	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:48	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:48	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 01:47	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 01:47	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 01:47	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 01:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 01:47	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 01:47	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 01:47	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 01:47	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 01:47	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 01:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 01:47	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 01:47	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 01:47	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 01:47	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 01:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 01:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 01:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 01:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 01:47	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 01:47	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 01:47	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW5 **Lab ID: 92219622006** Collected: 10/01/14 11:30 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 01:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 01:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 01:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 01:47	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 01:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 01:47	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 01:47	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 01:47	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 01:47	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 01:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 01:47	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 01:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 01:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 01:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 01:47	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 01:47	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 01:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 01:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 01:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 01:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 01:47	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 01:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 01:47	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 01:47	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 01:47	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 01:47	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		10/08/14 01:47	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/08/14 01:47	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 01:47	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW5D **Lab ID: 92219622007** Collected: 10/01/14 11:45 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 11:45		
Field pH	**6.2**	Std. Units	0.10	1		10/01/14 11:45		
Field Temperature	**15.5**	deg C	0.50	1		10/01/14 11:45		
Static Water Level	**37.22**	feet		1		10/01/14 11:45		
Field Specific Conductance	**194**	umhos/cm	1.0	1		10/01/14 11:45		
Turbidity	**3.30**	NTU	1.0	1		10/01/14 11:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:51	7440-38-2	
Barium	**61.8**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:51	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:51	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:51	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:51	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:51	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:51	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 02:04	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 02:04	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 02:04	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 02:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 02:04	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 02:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 02:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 02:04	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 02:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 02:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 02:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 02:04	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 02:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 02:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 02:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 02:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 02:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 02:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:04	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 02:04	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW5D **Lab ID: 92219622007** Collected: 10/01/14 11:45 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 02:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 02:04	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 02:04	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 02:04	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 02:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 02:04	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 02:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 02:04	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 02:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 02:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 02:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 02:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 02:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 02:04	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 02:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 02:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 02:04	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/14 02:04	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/08/14 02:04	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/08/14 02:04	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW6 **Lab ID: 92219622008** Collected: 10/01/14 11:56 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 11:55		
Field pH	**6.0**	Std. Units	0.10	1		10/01/14 11:55		
Field Temperature	**15.0**	deg C	0.50	1		10/01/14 11:55		
Static Water Level	**26.80**	feet		1		10/01/14 11:55		
Field Specific Conductance	**135**	umhos/cm	1.0	1		10/01/14 11:55		
Turbidity	**1.16**	NTU	1.0	1		10/01/14 11:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:54	7440-38-2	
Barium	**50.4**	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:54	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 17:54	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:54	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 17:54	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 17:54	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 17:54	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 02:20	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 02:20	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 02:20	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 02:20	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 02:20	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 02:20	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 02:20	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 02:20	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 02:20	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 02:20	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 02:20	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 02:20	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 02:20	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 02:20	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 02:20	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 02:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 02:20	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 02:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:20	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:20	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 02:20	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW6 **Lab ID: 92219622008** Collected: 10/01/14 11:56 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:20	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:20	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:20	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 02:20	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:20	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 02:20	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 02:20	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 02:20	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 02:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 02:20	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 02:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:20	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 02:20	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 02:20	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:20	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 02:20	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 02:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 02:20	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 02:20	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 02:20	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 02:20	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 02:20	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 02:20	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		10/08/14 02:20	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/14 02:20	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 02:20	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW10 **Lab ID: 92219622009** Collected: 10/01/14 12:20 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 12:20		
Field pH	**6.0**	Std. Units	0.10	1		10/01/14 12:20		
Field Temperature	**15.9**	deg C	0.50	1		10/01/14 12:20		
Static Water Level	**70.45**	feet		1		10/01/14 12:20		
Field Specific Conductance	**299**	umhos/cm	1.0	1		10/01/14 12:20		
Turbidity	**1.11**	NTU	1.0	1		10/01/14 12:20		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:07	7440-38-2	
Barium	**129**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:07	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:07	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:07	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 18:07	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:07	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:07	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 02:37	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 02:37	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 02:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 02:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 02:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 02:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 02:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 02:37	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 02:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 02:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 02:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 02:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 02:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 02:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 02:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 02:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 02:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 02:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 02:37	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW10 **Lab ID: 92219622009** Collected: 10/01/14 12:20 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 02:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 02:37	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 02:37	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 02:37	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 02:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 02:37	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 02:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 02:37	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 02:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 02:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 02:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 02:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 02:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 02:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 02:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 02:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 02:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		10/08/14 02:37	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/08/14 02:37	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/14 02:37	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW10D **Lab ID: 92219622010** Collected: 10/01/14 12:30 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 12:30		
Field pH	**6.4**	Std. Units	0.10	1		10/01/14 12:30		
Field Temperature	**15.0**	deg C	0.50	1		10/01/14 12:30		
Static Water Level	**71.23**	feet		1		10/01/14 12:30		
Field Specific Conductance	**272**	umhos/cm	1.0	1		10/01/14 12:30		
Turbidity	**2.54**	NTU	1.0	1		10/01/14 12:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:10	7440-38-2	
Barium	**14.2**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:10	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:10	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7439-92-1	
Nickel	**6.9**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:10	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 18:10	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:10	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:10	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 02:53	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 02:53	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 02:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 02:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 02:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 02:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 02:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 02:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 02:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 02:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 02:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 02:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 02:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 02:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 02:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 02:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 02:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 02:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 02:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 02:53	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW10D **Lab ID: 92219622010** Collected: 10/01/14 12:30 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 02:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 02:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 02:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 02:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 02:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 02:53	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 02:53	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 02:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 02:53	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 02:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 02:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 02:53	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 02:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 02:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 02:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 02:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 02:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 02:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 02:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 02:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 02:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 02:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		10/08/14 02:53	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/08/14 02:53	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/08/14 02:53	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW11 **Lab ID: 92219622011** Collected: 10/01/14 13:00 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 13:00		
Field pH	**6.6**	Std. Units	0.10	1		10/01/14 13:00		
Field Temperature	**16.4**	deg C	0.50	1		10/01/14 13:00		
Static Water Level	**33.08**	feet		1		10/01/14 13:00		
Field Specific Conductance	**374**	umhos/cm	1.0	1		10/01/14 13:00		
Turbidity	**1.52**	NTU	1.0	1		10/01/14 13:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:13	7440-38-2	
Barium	**88.7**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:13	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:13	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7439-92-1	
Nickel	**6.6**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:13	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 18:13	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:13	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:13	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 03:09	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 03:09	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 03:09	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 03:09	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 03:09	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 03:09	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 03:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 03:09	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 03:09	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 03:09	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 03:09	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 03:09	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 03:09	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 03:09	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 03:09	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 03:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 03:09	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 03:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:09	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:09	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 03:09	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW11 **Lab ID: 92219622011** Collected: 10/01/14 13:00 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 03:09	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:09	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 03:09	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 03:09	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 03:09	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 03:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 03:09	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 03:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:09	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 03:09	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 03:09	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:09	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 03:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 03:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 03:09	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 03:09	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 03:09	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 03:09	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 03:09	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 03:09	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/14 03:09	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		10/08/14 03:09	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/08/14 03:09	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW11D **Lab ID: 92219622012** Collected: 10/01/14 13:10 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 13:10		
Field pH	**6.5**	Std. Units	0.10	1		10/01/14 13:10		
Field Temperature	**15.3**	deg C	0.50	1		10/01/14 13:10		
Static Water Level	**34.06**	feet		1		10/01/14 13:10		
Field Specific Conductance	**370**	umhos/cm	1.0	1		10/01/14 13:10		
Turbidity	**1.02**	NTU	1.0	1		10/01/14 13:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:16	7440-38-2	
Barium	**14.8**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:16	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:16	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:16	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 18:16	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:16	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:16	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 03:26	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 03:26	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 03:26	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 03:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 03:26	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 03:26	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 03:26	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 03:26	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 03:26	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 03:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 03:26	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 03:26	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 03:26	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 03:26	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 03:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 03:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 03:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 03:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:26	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:26	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 03:26	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW11D **Lab ID: 92219622012** Collected: 10/01/14 13:10 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 03:26	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:26	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 03:26	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 03:26	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 03:26	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 03:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 03:26	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 03:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 03:26	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 03:26	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 03:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 03:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 03:26	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 03:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 03:26	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 03:26	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 03:26	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 03:26	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/14 03:26	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-130	1		10/08/14 03:26	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		10/08/14 03:26	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW13 **Lab ID: 92219622013** Collected: 10/01/14 10:25 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 10:25		
Field pH	**6.6**	Std. Units	0.10	1		10/01/14 10:25		
Field Temperature	**17.7**	deg C	0.50	1		10/01/14 10:25		
Static Water Level	**6.15**	feet		1		10/01/14 10:25		
Field Specific Conductance	**383**	umhos/cm	1.0	1		10/01/14 10:25		
Turbidity	**2.80**	NTU	1.0	1		10/01/14 10:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**7.4**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:19	7440-38-2	
Barium	**155**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:19	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:19	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-47-3	
Cobalt	**42.4**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:19	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 18:19	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:19	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:19	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 03:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 03:42	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 03:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 03:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 03:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 03:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 03:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 03:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 03:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 03:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 03:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 03:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 03:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 03:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 03:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 03:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 03:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 03:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:42	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 03:42	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW13 **Lab ID: 92219622013** Collected: 10/01/14 10:25 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 03:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 03:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 03:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 03:42	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 03:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 03:42	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 03:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 03:42	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 03:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 03:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 03:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 03:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 03:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 03:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 03:42	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 03:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 03:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		10/08/14 03:42	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/08/14 03:42	17060-07-0	
Toluene-d8 (S)	94	%	70-130	1		10/08/14 03:42	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW13D **Lab ID: 92219622014** Collected: 10/01/14 10:35 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/01/14 10:35		
Field pH	**6.3**	Std. Units	0.10	1		10/01/14 10:35		
Field Temperature	**17.3**	deg C	0.50	1		10/01/14 10:35		
Static Water Level	**7.40**	feet		1		10/01/14 10:35		
Field Specific Conductance	**399**	umhos/cm	1.0	1		10/01/14 10:35		
Turbidity	**1.74**	NTU	1.0	1		10/01/14 10:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**5.4**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:22	7440-38-2	
Barium	**254**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:22	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/02/14 22:00	10/06/14 18:22	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-47-3	
Cobalt	**23.2**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-48-4	
Copper	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-50-8	
Lead	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7439-92-1	
Nickel	**16.8**	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:22	7782-49-2	
Silver	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/02/14 22:00	10/06/14 18:22	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/02/14 22:00	10/06/14 18:22	7440-62-2	
Zinc	**11.6**	ug/L	10.0	1	10/02/14 22:00	10/06/14 18:22	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 03:59	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 03:59	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 03:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 03:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 03:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 03:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 03:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 03:59	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 03:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 03:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 03:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 03:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 03:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 03:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 03:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 03:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 03:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 03:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:59	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 03:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 03:59	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW13D **Lab ID: 92219622014** Collected: 10/01/14 10:35 Received: 10/01/14 16:45 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 03:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 03:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 03:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 03:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 03:59	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 03:59	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 03:59	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 03:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 03:59	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 03:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 03:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 03:59	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 03:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 03:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 03:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 03:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 03:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 03:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 03:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 03:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 03:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 03:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		10/08/14 03:59	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/08/14 03:59	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/08/14 03:59	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1 **Lab ID: 92219622015** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 09:55		
Field pH	**6.6**	Std. Units	0.10	1		10/02/14 09:55		
Field Temperature	**14.1**	deg C	0.50	1		10/02/14 09:55		
Static Water Level	**66.42**	feet		1		10/02/14 09:55		
Field Specific Conductance	**162**	umhos/cm	1.0	1		10/02/14 09:55		
Turbidity	**8.01**	NTU	1.0	1		10/02/14 09:55		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/03/14 16:00	10/06/14 17:17	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:17	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	10/03/14 16:00	10/06/14 17:17	72-43-5	
Toxaphene	ND	ug/L	0.20	1	10/03/14 16:00	10/06/14 17:17	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	60	%	20-130	1	10/03/14 16:00	10/06/14 17:17	877-09-8	
Decachlorobiphenyl (S)	50	%	20-130	1	10/03/14 16:00	10/06/14 17:17	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 21:46	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	43	%	10-132	1	10/03/14 10:30	10/06/14 21:46	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	10/07/14 08:00	10/08/14 05:22	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 05:22	88-85-7	
Pentachlorophenol	ND	ug/L	0.028	1	10/07/14 08:00	10/08/14 05:22	87-86-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1 **Lab ID: 92219622015** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-T	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 05:22	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 05:22	93-72-1	
Surrogates								
2,4-DCAA (S)	84	%	66-130	1	10/07/14 08:00	10/08/14 05:22	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:04	7440-38-2	
Barium	**124**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:04	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:04	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:04	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:04	7440-28-0	
Tin	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-31-5	
Vanadium	**5.9**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:04	7440-62-2	
Zinc	**14.4**	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:04	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/07/14 12:40	10/08/14 12:07	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	111-44-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1 **Lab ID: 92219622015** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 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							
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	218-01-9	
Diallate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 17:16	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 17:16	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/06/14 12:30	10/07/14 17:16	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	62-50-0	
Famphur	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	120-58-1	
Kepone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 17:16	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	56-49-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1 **Lab ID: 92219622015** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 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							
Methyl methanesulfonate	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 17:16	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16		
1-Naphthalenamine	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 17:16	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 17:16	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 17:16	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 17:16	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 17:16	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 17:16	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/06/14 12:30	10/07/14 17:16	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	85-01-8	
Phenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	106-50-3	
Phorate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	129-00-0	
Safrole	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 17:16	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 17:16	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	65	%	21-110	1	10/06/14 12:30	10/07/14 17:16	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1 **Lab ID: 92219622015** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 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							
Surrogates								
2-Fluorobiphenyl (S)	64	%	27-110	1	10/06/14 12:30	10/07/14 17:16	321-60-8	
Terphenyl-d14 (S)	76	%	31-107	1	10/06/14 12:30	10/07/14 17:16	1718-51-0	
Phenol-d6 (S)	22	%	10-110	1	10/06/14 12:30	10/07/14 17:16	13127-88-3	
2-Fluorophenol (S)	32	%	12-110	1	10/06/14 12:30	10/07/14 17:16	367-12-4	
2,4,6-Tribromophenol (S)	71	%	27-110	1	10/06/14 12:30	10/07/14 17:16	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 04:15	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/08/14 04:15	75-05-8	
Acrolein	ND	ug/L	10.0	1		10/08/14 04:15	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 04:15	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/08/14 04:15	107-05-1	
Benzene	ND	ug/L	1.0	1		10/08/14 04:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 04:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 04:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 04:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 04:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 04:15	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 04:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 04:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 04:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 04:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 04:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 04:15	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/08/14 04:15	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 04:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 04:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 04:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 04:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 04:15	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/08/14 04:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 04:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 04:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 04:15	100-41-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1 **Lab ID: 92219622015** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/08/14 04:15	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/08/14 04:15	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 04:15	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 04:15	74-88-4	
Isobutanol	ND	ug/L	100	1		10/08/14 04:15	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		10/08/14 04:15	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 04:15	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/08/14 04:15	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 04:15	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/08/14 04:15	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/08/14 04:15	107-12-0	
Styrene	ND	ug/L	1.0	1		10/08/14 04:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 04:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 04:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 04:15	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 04:15	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 04:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 04:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 04:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 04:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 04:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 04:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 04:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 04:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 04:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 04:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/14 04:15	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/08/14 04:15	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/08/14 04:15	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/09/14 16:30	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/12/14 15:04	57-12-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1D **Lab ID: 92219622016** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 10:15		
Field pH	**6.8**	Std. Units	0.10	1		10/02/14 10:15		
Field Temperature	**14.4**	deg C	0.50	1		10/02/14 10:15		
Static Water Level	**68.54**	feet		1		10/02/14 10:15		
Field Specific Conductance	**181**	umhos/cm	1.0	1		10/02/14 10:15		
Turbidity	**4.67**	NTU	1.0	1		10/02/14 10:15		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/03/14 16:00	10/06/14 17:35	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:35	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	10/03/14 16:00	10/06/14 17:35	72-43-5	
Toxaphene	ND	ug/L	0.20	1	10/03/14 16:00	10/06/14 17:35	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	53	%	20-130	1	10/03/14 16:00	10/06/14 17:35	877-09-8	
Decachlorobiphenyl (S)	52	%	20-130	1	10/03/14 16:00	10/06/14 17:35	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:07	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	46	%	10-132	1	10/03/14 10:30	10/06/14 22:07	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.94	1	10/07/14 08:00	10/08/14 05:52	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 05:52	88-85-7	
Pentachlorophenol	ND	ug/L	0.028	1	10/07/14 08:00	10/08/14 05:52	87-86-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1D **Lab ID: 92219622016** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-T	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 05:52	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 05:52	93-72-1	
Surrogates								
2,4-DCAA (S)	85	%	66-130	1	10/07/14 08:00	10/08/14 05:52	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:07	7440-38-2	
Barium	**32.2**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:07	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:07	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:07	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:07	7440-28-0	
Tin	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-31-5	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:07	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:07	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/07/14 12:40	10/08/14 12:10	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	111-44-4	

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

ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1D **Lab ID: 92219622016** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 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							
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	218-01-9	
Diallate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 15:32	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 15:32	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/06/14 12:30	10/07/14 15:32	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	62-50-0	
Famphur	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	120-58-1	
Kepone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 15:32	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	56-49-5	

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(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1D **Lab ID: 92219622016** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 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							
Methyl methanesulfonate	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 15:32	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32		
1-Naphthalenamine	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 15:32	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 15:32	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 15:32	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 15:32	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 15:32	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 15:32	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/06/14 12:30	10/07/14 15:32	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	85-01-8	
Phenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	106-50-3	
Phorate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	129-00-0	
Safrole	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 15:32	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 15:32	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	24	%	21-110	1	10/06/14 12:30	10/07/14 15:32	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1D **Lab ID: 92219622016** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 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							
Surrogates								
2-Fluorobiphenyl (S)	23	%	27-110	1	10/06/14 12:30	10/07/14 15:32	321-60-8	S0
Terphenyl-d14 (S)	46	%	31-107	1	10/06/14 12:30	10/07/14 15:32	1718-51-0	
Phenol-d6 (S)	8	%	10-110	1	10/06/14 12:30	10/07/14 15:32	13127-88-3	S0
2-Fluorophenol (S)	12	%	12-110	1	10/06/14 12:30	10/07/14 15:32	367-12-4	
2,4,6-Tribromophenol (S)	34	%	27-110	1	10/06/14 12:30	10/07/14 15:32	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 04:32	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/08/14 04:32	75-05-8	
Acrolein	ND	ug/L	10.0	1		10/08/14 04:32	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 04:32	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/08/14 04:32	107-05-1	
Benzene	ND	ug/L	1.0	1		10/08/14 04:32	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 04:32	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 04:32	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 04:32	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 04:32	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 04:32	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 04:32	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 04:32	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 04:32	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 04:32	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 04:32	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 04:32	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/08/14 04:32	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 04:32	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 04:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 04:32	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 04:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:32	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 04:32	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/08/14 04:32	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 04:32	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 04:32	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:32	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:32	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:32	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:32	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:32	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 04:32	100-41-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW1D **Lab ID: 92219622016** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/08/14 04:32	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/08/14 04:32	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 04:32	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 04:32	74-88-4	
Isobutanol	ND	ug/L	100	1		10/08/14 04:32	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		10/08/14 04:32	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 04:32	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/08/14 04:32	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 04:32	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/08/14 04:32	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/08/14 04:32	107-12-0	
Styrene	ND	ug/L	1.0	1		10/08/14 04:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 04:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 04:32	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 04:32	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 04:32	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 04:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 04:32	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 04:32	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 04:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 04:32	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 04:32	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 04:32	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 04:32	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 04:32	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 04:32	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		10/08/14 04:32	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		10/08/14 04:32	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/08/14 04:32	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/09/14 16:30	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/12/14 15:05	57-12-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW7 **Lab ID: 92219622017** Collected: 10/02/14 11:30 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 11:30		
Field pH	**6.4**	Std. Units	0.10	1		10/02/14 11:30		
Field Temperature	**17.2**	deg C	0.50	1		10/02/14 11:30		
Static Water Level	**42.74**	feet		1		10/02/14 11:30		
Field Specific Conductance	**719**	umhos/cm	1.0	1		10/02/14 11:30		
Turbidity	**4.99**	NTU	1.0	1		10/02/14 11:30		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	319-84-6	
beta-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	319-85-7	
delta-BHC	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	10/03/14 16:00	10/06/14 17:53	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	50-29-3	
Dieldrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	1031-07-8	
Endrin	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	10/03/14 16:00	10/06/14 17:53	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	10/03/14 16:00	10/06/14 17:53	72-43-5	
Toxaphene	ND	ug/L	0.20	1	10/03/14 16:00	10/06/14 17:53	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	50	%	20-130	1	10/03/14 16:00	10/06/14 17:53	877-09-8	
Decachlorobiphenyl (S)	59	%	20-130	1	10/03/14 16:00	10/06/14 17:53	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	10/03/14 10:30	10/06/14 22:27	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	55	%	10-132	1	10/03/14 10:30	10/06/14 22:27	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**10.3**	ug/L	1.9	2	10/07/14 08:00	10/08/14 19:15	94-75-7	
Dinoseb	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 06:22	88-85-7	
Pentachlorophenol	ND	ug/L	0.028	1	10/07/14 08:00	10/08/14 06:22	87-86-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW7 **Lab ID: 92219622017** Collected: 10/02/14 11:30 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4,5-T	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 06:22	93-76-5	
2,4,5-TP (Silvex)	ND	ug/L	0.19	1	10/07/14 08:00	10/08/14 06:22	93-72-1	
Surrogates								
2,4-DCAA (S)	99	%	66-130	1	10/07/14 08:00	10/08/14 06:22	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:11	7440-38-2	
Barium	**178**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:11	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:11	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7439-92-1	
Nickel	**10.4**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:11	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:11	7440-28-0	
Tin	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-31-5	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:11	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:11	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/07/14 12:40	10/08/14 12:12	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	208-96-8	
Acetophenone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	53-96-3	
4-Aminobiphenyl	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	92-67-1	
Anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	111-44-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW7 **Lab ID: 92219622017** Collected: 10/02/14 11:30 Received: 10/02/14 16:30 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							
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	108-60-1	
2-Chloronaphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	7005-72-3	
Chrysene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	218-01-9	
Diallate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	84-66-2	
Dimethoate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 16:05	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 16:05	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	122-39-4	
Disulfoton	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	10/06/14 12:30	10/07/14 16:05	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	62-50-0	
Famphur	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	52-85-7	
Fluoranthene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	206-44-0	
Fluorene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	193-39-5	
Isodrin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	465-73-6	
Isophorone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	78-59-1	
Isosafrole	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	120-58-1	
Kepone	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 16:05	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	56-49-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW7 **Lab ID: 92219622017** Collected: 10/02/14 11:30 Received: 10/02/14 16:30 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							
Methyl methanesulfonate	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 16:05	66-27-3	
2-Methylnaphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05		
1-Naphthalenamine	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 16:05	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 16:05	91-59-8	
Naphthalene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	10/06/14 12:30	10/07/14 16:05	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 16:05	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 16:05	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	10/06/14 12:30	10/07/14 16:05	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	10/06/14 12:30	10/07/14 16:05	87-86-5	
Phenacetin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	85-01-8	
Phenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	106-50-3	
Phorate	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	298-02-2	
Pronamide	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	23950-58-5	
Pyrene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	129-00-0	
Safrole	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	58-90-2	
Thionazin	ND	ug/L	20.0	1	10/06/14 12:30	10/07/14 16:05	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	10/06/14 12:30	10/07/14 16:05	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	65	%	21-110	1	10/06/14 12:30	10/07/14 16:05	4165-60-0	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW7 **Lab ID: 92219622017** Collected: 10/02/14 11:30 Received: 10/02/14 16:30 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							
Surrogates								
2-Fluorobiphenyl (S)	65	%	27-110	1	10/06/14 12:30	10/07/14 16:05	321-60-8	
Terphenyl-d14 (S)	78	%	31-107	1	10/06/14 12:30	10/07/14 16:05	1718-51-0	
Phenol-d6 (S)	21	%	10-110	1	10/06/14 12:30	10/07/14 16:05	13127-88-3	
2-Fluorophenol (S)	32	%	12-110	1	10/06/14 12:30	10/07/14 16:05	367-12-4	
2,4,6-Tribromophenol (S)	75	%	27-110	1	10/06/14 12:30	10/07/14 16:05	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 04:48	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		10/08/14 04:48	75-05-8	
Acrolein	ND	ug/L	10.0	1		10/08/14 04:48	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 04:48	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		10/08/14 04:48	107-05-1	
Benzene	ND	ug/L	1.0	1		10/08/14 04:48	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 04:48	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 04:48	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 04:48	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 04:48	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 04:48	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 04:48	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 04:48	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 04:48	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 04:48	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 04:48	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 04:48	74-87-3	
Chloroprene	ND	ug/L	5.0	1		10/08/14 04:48	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 04:48	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 04:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 04:48	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 04:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:48	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 04:48	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		10/08/14 04:48	75-71-8	
1,1-Dichloroethane	**1.8**	ug/L	1.0	1		10/08/14 04:48	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 04:48	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 04:48	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:48	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:48	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 04:48	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 04:48	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 04:48	100-41-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW7 **Lab ID: 92219622017** Collected: 10/02/14 11:30 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Ethyl methacrylate	ND	ug/L	1.0	1		10/08/14 04:48	97-63-2	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		10/08/14 04:48	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 04:48	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 04:48	74-88-4	
Isobutanol	ND	ug/L	100	1		10/08/14 04:48	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		10/08/14 04:48	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 04:48	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		10/08/14 04:48	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 04:48	108-10-1	
Naphthalene	ND	ug/L	1.0	1		10/08/14 04:48	91-20-3	
Propionitrile	ND	ug/L	20.0	1		10/08/14 04:48	107-12-0	
Styrene	ND	ug/L	1.0	1		10/08/14 04:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 04:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 04:48	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 04:48	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 04:48	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		10/08/14 04:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 04:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 04:48	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 04:48	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 04:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 04:48	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 04:48	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 04:48	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 04:48	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 04:48	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 04:48	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		10/08/14 04:48	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/08/14 04:48	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 04:48	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	mg/L	0.10	1		10/09/14 16:30	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	mg/L	0.0050	1		10/12/14 15:06	57-12-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW12 **Lab ID: 92219622018** Collected: 10/02/14 13:05 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:05		
Field pH	**6.2**	Std. Units	0.10	1		10/02/14 13:05		
Field Temperature	**17.7**	deg C	0.50	1		10/02/14 13:05		
Static Water Level	**13.02**	feet		1		10/02/14 13:05		
Field Specific Conductance	**1175**	umhos/cm	1.0	1		10/02/14 13:05		
Turbidity	**1.85**	NTU	1.0	1		10/02/14 13:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:14	7440-38-2	
Barium	**104**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:14	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:14	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7439-92-1	
Nickel	**26.0**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:14	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:14	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:14	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:14	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 05:05	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 05:05	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 05:05	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 05:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 05:05	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 05:05	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 05:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 05:05	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 05:05	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 05:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 05:05	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 05:05	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 05:05	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 05:05	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 05:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 05:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 05:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 05:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:05	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:05	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 05:05	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW12 **Lab ID: 92219622018** Collected: 10/02/14 13:05 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 05:05	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:05	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 05:05	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 05:05	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 05:05	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 05:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 05:05	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 05:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:05	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 05:05	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 05:05	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:05	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 05:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 05:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 05:05	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 05:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 05:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 05:05	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 05:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 05:05	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		10/08/14 05:05	460-00-4	
1,2-Dichloroethane-d4 (S)	96	%	70-130	1		10/08/14 05:05	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		10/08/14 05:05	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW12D **Lab ID: 92219622019** Collected: 10/02/14 13:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:15		
Field pH	**6.4**	Std. Units	0.10	1		10/02/14 13:15		
Field Temperature	**17.2**	deg C	0.50	1		10/02/14 13:15		
Static Water Level	**12.51**	feet		1		10/02/14 13:15		
Field Specific Conductance	**638**	umhos/cm	1.0	1		10/02/14 13:15		
Turbidity	**2.52**	NTU	1.0	1		10/02/14 13:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:17	7440-38-2	
Barium	**92.8**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:17	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:17	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7439-92-1	
Nickel	**11.3**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:17	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:17	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:17	7440-62-2	
Zinc	**15.0**	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:17	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 05:21	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 05:21	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 05:21	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 05:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 05:21	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 05:21	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 05:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 05:21	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 05:21	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 05:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 05:21	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 05:21	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 05:21	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 05:21	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 05:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 05:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 05:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 05:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:21	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:21	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 05:21	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW12D **Lab ID: 92219622019** Collected: 10/02/14 13:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 05:21	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:21	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 05:21	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 05:21	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 05:21	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 05:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 05:21	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 05:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 05:21	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 05:21	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:21	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 05:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 05:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 05:21	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 05:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 05:21	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 05:21	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 05:21	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 05:21	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/14 05:21	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/08/14 05:21	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/08/14 05:21	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW14 **Lab ID: 92219622020** Collected: 10/02/14 12:35 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 12:35		
Field pH	**6.5**	Std. Units	0.10	1		10/02/14 12:35		
Field Temperature	**15.0**	deg C	0.50	1		10/02/14 12:35		
Static Water Level	**31.11**	feet		1		10/02/14 12:35		
Field Specific Conductance	**211**	umhos/cm	1.0	1		10/02/14 12:35		
Turbidity	**12.9**	NTU	1.0	1		10/02/14 12:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:20	7440-38-2	
Barium	**56.9**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:20	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:20	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:20	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:20	7440-28-0	
Vanadium	**8.0**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:20	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:20	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 05:37	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 05:37	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 05:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 05:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 05:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 05:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 05:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 05:37	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 05:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 05:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 05:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 05:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 05:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 05:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 05:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 05:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 05:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 05:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 05:37	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW14 **Lab ID: 92219622020** Collected: 10/02/14 12:35 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 05:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 05:37	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 05:37	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 05:37	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 05:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 05:37	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 05:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 05:37	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 05:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 05:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 05:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 05:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 05:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 05:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 05:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 05:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 05:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		10/08/14 05:37	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		10/08/14 05:37	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 05:37	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW14D **Lab ID: 92219622021** Collected: 10/02/14 12:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 12:45		
Field pH	**7.1**	Std. Units	0.10	1		10/02/14 12:45		
Field Temperature	**13.9**	deg C	0.50	1		10/02/14 12:45		
Static Water Level	**30.99**	feet		1		10/02/14 12:45		
Field Specific Conductance	**272**	umhos/cm	1.0	1		10/02/14 12:45		
Turbidity	**1.35**	NTU	1.0	1		10/02/14 12:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:23	7440-38-2	
Barium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:23	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:23	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:23	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:23	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:23	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:23	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 05:54	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 05:54	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 05:54	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 05:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 05:54	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 05:54	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 05:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 05:54	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 05:54	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 05:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 05:54	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 05:54	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 05:54	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 05:54	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 05:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 05:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 05:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 05:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:54	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 05:54	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 05:54	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW14D **Lab ID: 92219622021** Collected: 10/02/14 12:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 05:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 05:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 05:54	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 05:54	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 05:54	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 05:54	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 05:54	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 05:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 05:54	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 05:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 05:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 05:54	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 05:54	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 05:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 05:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 05:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 05:54	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 05:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 05:54	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 05:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 05:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 05:54	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/08/14 05:54	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/08/14 05:54	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/08/14 05:54	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW15S **Lab ID: 92219622022** Collected: 10/02/14 13:35 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:35		
Field pH	**6.0**	Std. Units	0.10	1		10/02/14 13:35		
Field Temperature	**17.6**	deg C	0.50	1		10/02/14 13:35		
Static Water Level	**22.43**	feet		1		10/02/14 13:35		
Field Specific Conductance	**325**	umhos/cm	1.0	1		10/02/14 13:35		
Turbidity	**7.23**	NTU	1.0	1		10/02/14 13:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**5.7**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:36	7440-38-2	
Barium	**186**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:36	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:36	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-47-3	
Cobalt	**56.6**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7439-92-1	
Nickel	**9.4**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:36	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:36	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:36	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:36	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 06:10	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 06:10	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 06:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 06:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 06:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 06:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 06:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 06:10	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 06:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 06:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 06:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 06:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 06:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 06:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 06:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 06:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 06:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 06:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 06:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 06:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 06:10	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW15S **Lab ID: 92219622022** Collected: 10/02/14 13:35 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 06:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 06:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 06:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 06:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 06:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 06:10	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 06:10	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 06:10	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 06:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 06:10	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 06:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 06:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 06:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 06:10	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 06:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 06:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 06:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 06:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 06:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 06:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 06:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 06:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 06:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 06:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 06:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		10/08/14 06:10	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/08/14 06:10	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/08/14 06:10	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW15D **Lab ID: 92219622023** Collected: 10/02/14 13:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:45		
Field pH	**6.4**	Std. Units	0.10	1		10/02/14 13:45		
Field Temperature	**16.1**	deg C	0.50	1		10/02/14 13:45		
Static Water Level	**26.92**	feet		1		10/02/14 13:45		
Field Specific Conductance	**472**	umhos/cm	1.0	1		10/02/14 13:45		
Turbidity	**4.12**	NTU	1.0	1		10/02/14 13:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:39	7440-38-2	
Barium	**129**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:39	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:39	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7439-92-1	
Nickel	**5.2**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:39	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:39	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:39	7440-62-2	
Zinc	**14.6**	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:39	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 06:27	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 06:27	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 06:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 06:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 06:27	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 06:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 06:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 06:27	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 06:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 06:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 06:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 06:27	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 06:27	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 06:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 06:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 06:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 06:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 06:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 06:27	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 06:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 06:27	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW15D **Lab ID: 92219622023** Collected: 10/02/14 13:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 06:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 06:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 06:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 06:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 06:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 06:27	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 06:27	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 06:27	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 06:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 06:27	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 06:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 06:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 06:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 06:27	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 06:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 06:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 06:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 06:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 06:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 06:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 06:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 06:27	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 06:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 06:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 06:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		10/08/14 06:27	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/08/14 06:27	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		10/08/14 06:27	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW8 **Lab ID: 92219622024** Collected: 10/02/14 15:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 15:45		
Field pH	**6.5**	Std. Units	0.10	1		10/02/14 15:45		
Field Temperature	**16.8**	deg C	0.50	1		10/02/14 15:45		
Static Water Level	**32.35**	feet		1		10/02/14 15:45		
Field Specific Conductance	**309**	umhos/cm	1.0	1		10/02/14 15:45		
Turbidity	**3.36**	NTU	1.0	1		10/02/14 15:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:42	7440-38-2	
Barium	**108**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:42	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:42	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7439-92-1	
Nickel	**5.6**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:42	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:42	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:42	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:42	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 06:43	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 06:43	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 06:43	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 06:43	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 06:43	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 06:43	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 06:43	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 06:43	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 06:43	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 06:43	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 06:43	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 06:43	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 06:43	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 06:43	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 06:43	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 06:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 06:43	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 06:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 06:43	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 06:43	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 06:43	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW8 **Lab ID: 92219622024** Collected: 10/02/14 15:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 06:43	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 06:43	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:43	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 06:43	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 06:43	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 06:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 06:43	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 06:43	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 06:43	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 06:43	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 06:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 06:43	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 06:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 06:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 06:43	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 06:43	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 06:43	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 06:43	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 06:43	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 06:43	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 06:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 06:43	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 06:43	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 06:43	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 06:43	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 06:43	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 06:43	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/08/14 06:43	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/08/14 06:43	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/08/14 06:43	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW8D **Lab ID: 92219622025** Collected: 10/02/14 15:55 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 15:55		
Field pH	**6.4**	Std. Units	0.10	1		10/02/14 15:55		
Field Temperature	**15.0**	deg C	0.50	1		10/02/14 15:55		
Static Water Level	**30.95**	feet		1		10/02/14 15:55		
Field Specific Conductance	**376**	umhos/cm	1.0	1		10/02/14 15:55		
Turbidity	**1.20**	NTU	1.0	1		10/02/14 15:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:45	7440-38-2	
Barium	**148**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:45	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/03/14 16:20	10/07/14 18:45	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-48-4	
Copper	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-50-8	
Lead	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:45	7782-49-2	
Silver	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/03/14 16:20	10/07/14 18:45	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:45	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/03/14 16:20	10/07/14 18:45	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/08/14 07:00	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/08/14 07:00	107-13-1	
Benzene	ND	ug/L	1.0	1		10/08/14 07:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/08/14 07:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/08/14 07:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/08/14 07:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/08/14 07:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/08/14 07:00	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/08/14 07:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/08/14 07:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/08/14 07:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/08/14 07:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/08/14 07:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/08/14 07:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/08/14 07:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/08/14 07:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/08/14 07:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/08/14 07:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 07:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/08/14 07:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/08/14 07:00	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-MW8D **Lab ID: 92219622025** Collected: 10/02/14 15:55 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,1-Dichloroethane	ND	ug/L	1.0	1		10/08/14 07:00	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/08/14 07:00	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/08/14 07:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 07:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/08/14 07:00	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/08/14 07:00	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 07:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/08/14 07:00	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/08/14 07:00	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/08/14 07:00	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/08/14 07:00	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/08/14 07:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/08/14 07:00	108-10-1	
Styrene	ND	ug/L	1.0	1		10/08/14 07:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 07:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/08/14 07:00	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/08/14 07:00	127-18-4	
Toluene	ND	ug/L	1.0	1		10/08/14 07:00	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/08/14 07:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/08/14 07:00	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/08/14 07:00	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/08/14 07:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/08/14 07:00	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/08/14 07:00	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/08/14 07:00	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/08/14 07:00	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/08/14 07:00	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/08/14 07:00	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/08/14 07:00	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		10/08/14 07:00	17060-07-0	
Toluene-d8 (S)	96	%	70-130	1		10/08/14 07:00	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-SW4 **Lab ID: 92219622026** Collected: 10/21/14 15:40 Received: 10/21/14 16:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/21/14 15:40		
Field pH	**7.2**	Std. Units	0.10	1		10/21/14 15:40		
Field Temperature	**13.5**	deg C	0.50	1		10/21/14 15:40		
Field Specific Conductance	**262**	umhos/cm	1.0	1		10/21/14 15:40		
Turbidity	**6.0**	NTU	1.0	1		10/21/14 15:40		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/22/14 15:45	10/23/14 04:17	7440-38-2	
Barium	**127**	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/22/14 15:45	10/23/14 04:17	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/22/14 15:45	10/23/14 04:17	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-48-4	
Copper	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-50-8	
Lead	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/22/14 15:45	10/23/14 04:17	7782-49-2	
Silver	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/22/14 15:45	10/23/14 04:17	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/22/14 15:45	10/23/14 04:17	7440-62-2	
Zinc	**13.7**	ug/L	10.0	1	10/22/14 15:45	10/23/14 04:17	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/25/14 15:13	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/25/14 15:13	107-13-1	
Benzene	ND	ug/L	1.0	1		10/25/14 15:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/25/14 15:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/25/14 15:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/25/14 15:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/25/14 15:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/25/14 15:13	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/25/14 15:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/25/14 15:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/25/14 15:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/25/14 15:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/25/14 15:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/25/14 15:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/25/14 15:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/25/14 15:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/25/14 15:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/25/14 15:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/25/14 15:13	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/25/14 15:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/25/14 15:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/25/14 15:13	75-34-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-SW4 **Lab ID: 92219622026** Collected: 10/21/14 15:40 Received: 10/21/14 16:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/25/14 15:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/25/14 15:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/25/14 15:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/25/14 15:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/25/14 15:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/25/14 15:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/25/14 15:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/25/14 15:13	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/25/14 15:13	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/25/14 15:13	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/25/14 15:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/25/14 15:13	108-10-1	
Styrene	ND	ug/L	1.0	1		10/25/14 15:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/25/14 15:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/25/14 15:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/25/14 15:13	127-18-4	
Toluene	ND	ug/L	1.0	1		10/25/14 15:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/25/14 15:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/25/14 15:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/25/14 15:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/25/14 15:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/25/14 15:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/25/14 15:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/25/14 15:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/25/14 15:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/25/14 15:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/25/14 15:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/25/14 15:13	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/25/14 15:13	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/25/14 15:13	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-TRIP BLANK **Lab ID: 92219622027** Collected: 10/21/14 14:00 Received: 10/21/14 16:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/28/14 00:24	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/28/14 00:24	107-13-1	
Benzene	ND	ug/L	1.0	1		10/28/14 00:24	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/28/14 00:24	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/28/14 00:24	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/28/14 00:24	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/28/14 00:24	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/28/14 00:24	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/28/14 00:24	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/28/14 00:24	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/28/14 00:24	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/28/14 00:24	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/28/14 00:24	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/28/14 00:24	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/28/14 00:24	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/28/14 00:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/28/14 00:24	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/28/14 00:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/28/14 00:24	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/28/14 00:24	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/28/14 00:24	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/28/14 00:24	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/28/14 00:24	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/28/14 00:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/28/14 00:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/28/14 00:24	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/28/14 00:24	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/28/14 00:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/28/14 00:24	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/28/14 00:24	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/28/14 00:24	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/28/14 00:24	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/28/14 00:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/28/14 00:24	108-10-1	
Styrene	ND	ug/L	1.0	1		10/28/14 00:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/28/14 00:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/28/14 00:24	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/28/14 00:24	127-18-4	
Toluene	ND	ug/L	1.0	1		10/28/14 00:24	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/28/14 00:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/28/14 00:24	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/28/14 00:24	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/28/14 00:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/28/14 00:24	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/28/14 00:24	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/28/14 00:24	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/28/14 00:24	1330-20-7	

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ANALYTICAL RESULTS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Sample: 1107-TRIP BLANK **Lab ID: 92219622027** Collected: 10/21/14 14:00 Received: 10/21/14 16:20 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/L	2.0	1		10/28/14 00:24	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/28/14 00:24	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		10/28/14 00:24	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-130	1		10/28/14 00:24	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/28/14 00:24	2037-26-5	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MERP/7148 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1300811 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/08/14 11:27	

LABORATORY CONTROL SAMPLE: 1300812

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.4	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300813 1300814

Parameter	Units	92219925011 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	2.4	2.4	96	96	75-125	0	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MPRP/17035 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92219622001, 92219622002, 92219622003, 92219622004, 92219622005, 92219622006, 92219622007, 92219622008, 92219622009, 92219622010, 92219622011, 92219622012, 92219622013, 92219622014

METHOD BLANK: 1298889 Matrix: Water
Associated Lab Samples: 92219622001, 92219622002, 92219622003, 92219622004, 92219622005, 92219622006, 92219622007, 92219622008, 92219622009, 92219622010, 92219622011, 92219622012, 92219622013, 92219622014

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/06/14 17:11	
Arsenic	ug/L	ND	10.0	10/06/14 17:11	
Barium	ug/L	ND	5.0	10/06/14 17:11	
Beryllium	ug/L	ND	1.0	10/06/14 17:11	
Cadmium	ug/L	ND	1.0	10/06/14 17:11	
Chromium	ug/L	ND	5.0	10/06/14 17:11	
Cobalt	ug/L	ND	5.0	10/06/14 17:11	
Copper	ug/L	ND	5.0	10/06/14 17:11	
Lead	ug/L	ND	5.0	10/06/14 17:11	
Nickel	ug/L	ND	5.0	10/06/14 17:11	
Selenium	ug/L	ND	10.0	10/06/14 17:11	
Silver	ug/L	ND	5.0	10/06/14 17:11	
Thallium	ug/L	ND	5.4	10/06/14 17:11	
Vanadium	ug/L	ND	5.0	10/06/14 17:11	
Zinc	ug/L	ND	10.0	10/06/14 17:11	

LABORATORY CONTROL SAMPLE: 1298890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	496	99	80-120	
Arsenic	ug/L	500	493	99	80-120	
Barium	ug/L	500	495	99	80-120	
Beryllium	ug/L	500	488	98	80-120	
Cadmium	ug/L	500	495	99	80-120	
Chromium	ug/L	500	489	98	80-120	
Cobalt	ug/L	500	495	99	80-120	
Copper	ug/L	500	499	100	80-120	
Lead	ug/L	500	496	99	80-120	
Nickel	ug/L	500	497	99	80-120	
Selenium	ug/L	500	494	99	80-120	
Silver	ug/L	250	242	97	80-120	
Thallium	ug/L	500	489	98	80-120	
Vanadium	ug/L	500	491	98	80-120	
Zinc	ug/L	500	486	97	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1298891 1298892

Parameter	Units	92219622001 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	496	492	99	98	75-125	1	
Arsenic	ug/L	ND	500	500	496	484	99	97	75-125	3	
Barium	ug/L	110	500	500	600	594	98	97	75-125	1	
Beryllium	ug/L	ND	500	500	488	482	98	96	75-125	1	
Cadmium	ug/L	ND	500	500	492	484	98	97	75-125	2	
Chromium	ug/L	ND	500	500	491	483	97	96	75-125	2	
Cobalt	ug/L	ND	500	500	487	480	97	96	75-125	1	
Copper	ug/L	ND	500	500	507	501	101	100	75-125	1	
Lead	ug/L	ND	500	500	485	477	97	95	75-125	2	
Nickel	ug/L	ND	500	500	492	482	98	95	75-125	2	
Selenium	ug/L	ND	500	500	492	486	98	97	75-125	1	
Silver	ug/L	ND	250	250	242	239	97	96	75-125	1	
Thallium	ug/L	ND	500	500	480	469	96	94	75-125	2	
Vanadium	ug/L	ND	500	500	494	486	98	97	75-125	2	
Zinc	ug/L	16.7	500	500	492	482	95	93	75-125	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MPRP/17041 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92219622015, 92219622016, 92219622017, 92219622018, 92219622019, 92219622020, 92219622021, 92219622022, 92219622023, 92219622024, 92219622025

METHOD BLANK: 1299549 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017, 92219622018, 92219622019, 92219622020, 92219622021, 92219622022, 92219622023, 92219622024, 92219622025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/07/14 17:18	
Arsenic	ug/L	ND	10.0	10/07/14 17:18	
Barium	ug/L	ND	5.0	10/07/14 17:18	
Beryllium	ug/L	ND	1.0	10/07/14 17:18	
Cadmium	ug/L	ND	1.0	10/07/14 17:18	
Chromium	ug/L	ND	5.0	10/07/14 17:18	
Cobalt	ug/L	ND	5.0	10/07/14 17:18	
Copper	ug/L	ND	5.0	10/07/14 17:18	
Lead	ug/L	ND	5.0	10/07/14 17:18	
Nickel	ug/L	ND	5.0	10/07/14 17:18	
Selenium	ug/L	ND	10.0	10/07/14 17:18	
Silver	ug/L	ND	5.0	10/07/14 17:18	
Thallium	ug/L	ND	5.4	10/07/14 17:18	
Tin	ug/L	ND	5.0	10/07/14 17:18	
Vanadium	ug/L	ND	5.0	10/07/14 17:18	
Zinc	ug/L	ND	10.0	10/07/14 17:18	

LABORATORY CONTROL SAMPLE: 1299550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	509	102	80-120	
Arsenic	ug/L	500	492	98	80-120	
Barium	ug/L	500	485	97	80-120	
Beryllium	ug/L	500	489	98	80-120	
Cadmium	ug/L	500	497	99	80-120	
Chromium	ug/L	500	474	95	80-120	
Cobalt	ug/L	500	509	102	80-120	
Copper	ug/L	500	504	101	80-120	
Lead	ug/L	500	514	103	80-120	
Nickel	ug/L	500	497	99	80-120	
Selenium	ug/L	500	510	102	80-120	
Silver	ug/L	250	245	98	80-120	
Thallium	ug/L	500	491	98	80-120	
Tin	ug/L	500	509	102	80-120	
Vanadium	ug/L	500	494	99	80-120	
Zinc	ug/L	500	493	99	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1299551 1299552

Parameter	Units	92219821001 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	505	506	100	101	75-125	0	
Arsenic	ug/L	ND	500	500	489	492	98	98	75-125	1	
Barium	ug/L	149	500	500	632	635	97	97	75-125	0	
Beryllium	ug/L	ND	500	500	490	491	98	98	75-125	0	
Cadmium	ug/L	ND	500	500	490	492	98	98	75-125	0	
Chromium	ug/L	6.1	500	500	477	480	94	95	75-125	1	
Cobalt	ug/L	ND	500	500	499	499	100	99	75-125	0	
Copper	ug/L	ND	500	500	512	515	101	102	75-125	0	
Lead	ug/L	ND	500	500	492	493	98	99	75-125	0	
Nickel	ug/L	ND	500	500	488	490	97	97	75-125	0	
Selenium	ug/L	ND	500	500	496	503	99	100	75-125	1	
Silver	ug/L	ND	250	250	242	242	97	97	75-125	0	
Thallium	ug/L	ND	500	500	474	474	95	95	75-125	0	
Tin	ug/L	ND	500	500	498	500	99	100	75-125	0	
Vanadium	ug/L	11.2	500	500	505	506	99	99	75-125	0	
Zinc	ug/L	19.7	500	500	496	500	95	96	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MPRP/17180 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92219622026

METHOD BLANK: 1312704 | Matrix: Water
Associated Lab Samples: 92219622026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/23/14 02:47	
Arsenic	ug/L	ND	10.0	10/23/14 02:47	
Barium	ug/L	ND	5.0	10/23/14 02:47	
Beryllium	ug/L	ND	1.0	10/23/14 02:47	
Cadmium	ug/L	ND	1.0	10/23/14 02:47	
Chromium	ug/L	ND	5.0	10/23/14 02:47	
Cobalt	ug/L	ND	5.0	10/23/14 02:47	
Copper	ug/L	ND	5.0	10/23/14 02:47	
Lead	ug/L	ND	5.0	10/23/14 02:47	
Nickel	ug/L	ND	5.0	10/23/14 02:47	
Selenium	ug/L	ND	10.0	10/23/14 02:47	
Silver	ug/L	ND	5.0	10/23/14 02:47	
Thallium	ug/L	ND	5.4	10/23/14 02:47	
Vanadium	ug/L	ND	5.0	10/23/14 02:47	
Zinc	ug/L	ND	10.0	10/23/14 02:47	

LABORATORY CONTROL SAMPLE: 1312705

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	475	95	80-120	
Arsenic	ug/L	500	462	92	80-120	
Barium	ug/L	500	462	92	80-120	
Beryllium	ug/L	500	459	92	80-120	
Cadmium	ug/L	500	461	92	80-120	
Chromium	ug/L	500	451	90	80-120	
Cobalt	ug/L	500	463	93	80-120	
Copper	ug/L	500	472	94	80-120	
Lead	ug/L	500	464	93	80-120	
Nickel	ug/L	500	462	92	80-120	
Selenium	ug/L	500	463	93	80-120	
Silver	ug/L	250	231	92	80-120	
Thallium	ug/L	500	454	91	80-120	
Vanadium	ug/L	500	459	92	80-120	
Zinc	ug/L	500	450	90	80-120	

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(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1312706 1312707

Parameter	Units	92222155005 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	494	485	99	97	75-125	2	
Arsenic	ug/L	ND	500	500	480	465	96	93	75-125	3	
Barium	ug/L	33.9	500	500	502	489	94	91	75-125	3	
Beryllium	ug/L	ND	500	500	468	456	94	91	75-125	3	
Cadmium	ug/L	ND	500	500	472	463	94	93	75-125	2	
Chromium	ug/L	ND	500	500	453	444	91	89	75-125	2	
Cobalt	ug/L	ND	500	500	458	450	92	90	75-125	2	
Copper	ug/L	ND	500	500	476	470	95	94	75-125	1	
Lead	ug/L	ND	500	500	460	457	92	91	75-125	1	
Nickel	ug/L	ND	500	500	455	444	91	89	75-125	2	
Selenium	ug/L	ND	500	500	477	469	95	94	75-125	2	
Silver	ug/L	ND	250	250	235	231	94	92	75-125	2	
Thallium	ug/L	ND	500	500	446	439	89	88	75-125	2	
Vanadium	ug/L	ND	500	500	469	461	94	92	75-125	2	
Zinc	ug/L	ND	500	500	450	441	90	88	75-125	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MSV/28662 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92219622001, 92219622002, 92219622003, 92219622004, 92219622005, 92219622006, 92219622007, 92219622008, 92219622009, 92219622010, 92219622011, 92219622012, 92219622013, 92219622014, 92219622015, 92219622016, 92219622017, 92219622018, 92219622019, 92219622020

METHOD BLANK: 1301574 Matrix: Water
Associated Lab Samples: 92219622001, 92219622002, 92219622003, 92219622004, 92219622005, 92219622006, 92219622007, 92219622008, 92219622009, 92219622010, 92219622011, 92219622012, 92219622013, 92219622014, 92219622015, 92219622016, 92219622017, 92219622018, 92219622019, 92219622020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/07/14 23:36	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/07/14 23:36	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/07/14 23:36	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/07/14 23:36	
1,1-Dichloroethane	ug/L	ND	1.0	10/07/14 23:36	
1,1-Dichloroethene	ug/L	ND	1.0	10/07/14 23:36	
1,1-Dichloropropene	ug/L	ND	1.0	10/07/14 23:36	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/07/14 23:36	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	10/07/14 23:36	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/07/14 23:36	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/07/14 23:36	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/07/14 23:36	
1,2-Dichloroethane	ug/L	ND	1.0	10/07/14 23:36	
1,2-Dichloropropane	ug/L	ND	1.0	10/07/14 23:36	
1,3-Dichlorobenzene	ug/L	ND	1.0	10/07/14 23:36	
1,3-Dichloropropane	ug/L	ND	1.0	10/07/14 23:36	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/07/14 23:36	
2,2-Dichloropropane	ug/L	ND	1.0	10/07/14 23:36	
2-Butanone (MEK)	ug/L	ND	5.0	10/07/14 23:36	
2-Hexanone	ug/L	ND	5.0	10/07/14 23:36	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/07/14 23:36	
Acetone	ug/L	ND	25.0	10/07/14 23:36	
Acetonitrile	ug/L	ND	50.0	10/07/14 23:36	
Acrolein	ug/L	ND	10.0	10/07/14 23:36	
Acrylonitrile	ug/L	ND	10.0	10/07/14 23:36	
Allyl chloride	ug/L	ND	2.0	10/07/14 23:36	
Benzene	ug/L	ND	1.0	10/07/14 23:36	
Bromochloromethane	ug/L	ND	1.0	10/07/14 23:36	
Bromodichloromethane	ug/L	ND	1.0	10/07/14 23:36	
Bromoform	ug/L	ND	1.0	10/07/14 23:36	
Bromomethane	ug/L	ND	2.0	10/07/14 23:36	
Carbon disulfide	ug/L	ND	2.0	10/07/14 23:36	
Carbon tetrachloride	ug/L	ND	1.0	10/07/14 23:36	
Chlorobenzene	ug/L	ND	1.0	10/07/14 23:36	
Chloroethane	ug/L	ND	1.0	10/07/14 23:36	
Chloroform	ug/L	ND	1.0	10/07/14 23:36	
Chloromethane	ug/L	ND	1.0	10/07/14 23:36	
Chloroprene	ug/L	ND	5.0	10/07/14 23:36	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

METHOD BLANK: 1301574 Matrix: Water

Associated Lab Samples: 92219622001, 92219622002, 92219622003, 92219622004, 92219622005, 92219622006, 92219622007, 92219622008, 92219622009, 92219622010, 92219622011, 92219622012, 92219622013, 92219622014, 92219622015, 92219622016, 92219622017, 92219622018, 92219622019, 92219622020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/07/14 23:36	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/07/14 23:36	
Dibromochloromethane	ug/L	ND	1.0	10/07/14 23:36	
Dibromomethane	ug/L	ND	1.0	10/07/14 23:36	
Dichlorodifluoromethane	ug/L	ND	1.0	10/07/14 23:36	
Ethyl methacrylate	ug/L	ND	1.0	10/07/14 23:36	
Ethylbenzene	ug/L	ND	1.0	10/07/14 23:36	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	10/07/14 23:36	
Iodomethane	ug/L	ND	5.0	10/07/14 23:36	
Isobutanol	ug/L	ND	100	10/07/14 23:36	
m&p-Xylene	ug/L	ND	2.0	10/07/14 23:36	
Methacrylonitrile	ug/L	ND	10.0	10/07/14 23:36	
Methyl methacrylate	ug/L	ND	2.0	10/07/14 23:36	
Methylene Chloride	ug/L	ND	1.0	10/07/14 23:36	
Naphthalene	ug/L	ND	1.0	10/07/14 23:36	
o-Xylene	ug/L	ND	1.0	10/07/14 23:36	
Propionitrile	ug/L	ND	20.0	10/07/14 23:36	
Styrene	ug/L	ND	1.0	10/07/14 23:36	
Tetrachloroethene	ug/L	ND	1.0	10/07/14 23:36	
Toluene	ug/L	ND	1.0	10/07/14 23:36	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/07/14 23:36	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/07/14 23:36	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/07/14 23:36	
Trichloroethene	ug/L	ND	1.0	10/07/14 23:36	
Trichlorofluoromethane	ug/L	ND	1.0	10/07/14 23:36	
Vinyl acetate	ug/L	ND	2.0	10/07/14 23:36	
Vinyl chloride	ug/L	ND	1.0	10/07/14 23:36	
Xylene (Total)	ug/L	ND	2.0	10/07/14 23:36	
1,2-Dichloroethane-d4 (S)	%	105	70-130	10/07/14 23:36	
4-Bromofluorobenzene (S)	%	99	70-130	10/07/14 23:36	
Toluene-d8 (S)	%	99	70-130	10/07/14 23:36	

LABORATORY CONTROL SAMPLE: 1301575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	49.4	99	80-125	
1,1,1-Trichloroethane	ug/L	50	51.7	103	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	79-124	
1,1,2-Trichloroethane	ug/L	50	48.4	97	85-125	
1,1-Dichloroethane	ug/L	50	53.9	108	73-126	
1,1-Dichloroethene	ug/L	50	47.3	95	66-135	
1,1-Dichloropropene	ug/L	50	51.7	103	74-135	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1301575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	45.6	91	75-130	
1,2,4-Trichlorobenzene	ug/L	50	51.0	102	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	51.3	103	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	51.2	102	83-124	
1,2-Dichlorobenzene	ug/L	50	50.1	100	80-133	
1,2-Dichloroethane	ug/L	50	48.5	97	67-128	
1,2-Dichloropropane	ug/L	50	48.6	97	75-132	
1,3-Dichlorobenzene	ug/L	50	49.9	100	77-130	
1,3-Dichloropropane	ug/L	50	50.2	100	76-131	
1,4-Dichlorobenzene	ug/L	50	48.7	97	78-130	
2,2-Dichloropropane	ug/L	50	50.5	101	40-160	
2-Butanone (MEK)	ug/L	100	97.1	97	61-144	
2-Hexanone	ug/L	100	97.3	97	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.6	97	72-135	
Acetone	ug/L	100	90.6	91	48-146	
Acetonitrile	ug/L	500	522	104	62-150	
Acrolein	ug/L	250	199	80	24-160	
Acrylonitrile	ug/L	250	225	90	40-160	
Allyl chloride	ug/L	50	54.8	110	66-137	
Benzene	ug/L	50	49.2	98	80-125	
Bromochloromethane	ug/L	50	53.5	107	71-125	
Bromodichloromethane	ug/L	50	51.3	103	78-124	
Bromoform	ug/L	50	54.2	108	71-128	
Bromomethane	ug/L	50	45.4	91	40-160	
Carbon disulfide	ug/L	50	50.3	101	50-160	
Carbon tetrachloride	ug/L	50	49.2	98	69-131	
Chlorobenzene	ug/L	50	48.7	97	81-122	
Chloroethane	ug/L	50	50.4	101	39-148	
Chloroform	ug/L	50	50.2	100	73-127	
Chloromethane	ug/L	50	48.6	97	44-146	
Chloroprene	ug/L	50	49.0	98	75-145	
cis-1,2-Dichloroethene	ug/L	50	52.2	104	74-124	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	72-132	
Dibromochloromethane	ug/L	50	50.7	101	78-125	
Dibromomethane	ug/L	50	50.1	100	82-120	
Dichlorodifluoromethane	ug/L	50	44.6	89	34-157	
Ethyl methacrylate	ug/L	50	51.2	102	82-121	
Ethylbenzene	ug/L	50	48.1	96	79-121	
Hexachloro-1,3-butadiene	ug/L	50	53.3	107	72-131	
Iodomethane	ug/L	100	170	170	39-154	L0
Isobutanol	ug/L	1000	945	95	34-160	
m&p-Xylene	ug/L	100	92.8	93	81-124	
Methacrylonitrile	ug/L	500	517	103	74-134	
Methyl methacrylate	ug/L	50	49.8	100	84-124	
Methylene Chloride	ug/L	50	53.2	106	64-133	
Naphthalene	ug/L	50	51.6	103	73-133	
o-Xylene	ug/L	50	46.7	93	79-131	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1301575

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Propionitrile	ug/L	500	517	103	73-140	
Styrene	ug/L	50	48.6	97	84-126	
Tetrachloroethene	ug/L	50	47.7	95	78-122	
Toluene	ug/L	50	47.4	95	80-121	
trans-1,2-Dichloroethene	ug/L	50	52.9	106	71-127	
trans-1,3-Dichloropropene	ug/L	50	52.0	104	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	50.8	102	40-160	
Trichloroethene	ug/L	50	48.0	96	78-122	
Trichlorofluoromethane	ug/L	50	46.8	94	53-137	
Vinyl acetate	ug/L	100	97.7	98	40-160	
Vinyl chloride	ug/L	50	48.6	97	58-137	
Xylene (Total)	ug/L	150	140	93	81-126	
1,2-Dichloroethane-d4 (S)	%			104	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 1301577

Parameter	Units	92219622004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	19.6	98	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	23.1	116	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	19.2	96	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.9	104	70-130	
1,1-Dichloroethane	ug/L	ND	20	23.3	117	70-130	
1,1-Dichloroethene	ug/L	ND	20	22.8	114	70-166	
1,1-Dichloropropene	ug/L	ND	20	23.1	116	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	20.9	105	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.0	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	21.8	109	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	21.6	108	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.5	107	70-130	
1,2-Dichloroethane	ug/L	ND	20	22.7	113	70-130	
1,2-Dichloropropane	ug/L	ND	20	20.3	102	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	21.5	108	70-130	
1,3-Dichloropropane	ug/L	ND	20	21.4	107	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.2	106	70-130	
2,2-Dichloropropane	ug/L	ND	20	19.1	96	70-130	
2-Butanone (MEK)	ug/L	ND	40	37.9	95	70-130	
2-Hexanone	ug/L	ND	40	39.7	99	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40.2	101	70-130	
Acetone	ug/L	ND	40	40.8	102	70-130	
Acetonitrile	ug/L	ND	200	207	103	70-130	
Acrolein	ug/L	ND	100	72.0	72	70-130	
Acrylonitrile	ug/L	ND	100	102	102	70-130	
Allyl chloride	ug/L	ND	20	21.3	106	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE SAMPLE: 1301577

Parameter	Units	92219622004 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	21.9	109	70-148	
Bromochloromethane	ug/L	ND	20	23.4	117	70-130	
Bromodichloromethane	ug/L	ND	20	22.4	112	70-130	
Bromoform	ug/L	ND	20	21.3	106	70-130	
Bromomethane	ug/L	ND	20	18.1	90	70-130	
Carbon disulfide	ug/L	ND	20	22.1	110	70-130	
Carbon tetrachloride	ug/L	ND	20	24.2	121	70-130	
Chlorobenzene	ug/L	ND	20	20.7	103	70-146	
Chloroethane	ug/L	ND	20	21.3	107	70-130	
Chloroform	ug/L	ND	20	23.0	115	70-130	
Chloromethane	ug/L	ND	20	18.6	93	70-130	
Chloroprene	ug/L	ND	20	22.1	111	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	22.5	113	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.3	102	70-130	
Dibromochloromethane	ug/L	ND	20	21.5	107	70-130	
Dibromomethane	ug/L	ND	20	20.5	102	70-130	
Dichlorodifluoromethane	ug/L	ND	20	22.5	113	70-130	
Ethyl methacrylate	ug/L	ND	20	21.3	106	70-130	
Ethylbenzene	ug/L	ND	20	20.8	104	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.7	119	70-130	
Iodomethane	ug/L	ND	40	56.1	140	70-130	M0
Isobutanol	ug/L	ND	400	332	83	70-130	
m&p-Xylene	ug/L	ND	40	41.8	104	70-130	
Methacrylonitrile	ug/L	ND	200	209	104	70-130	
Methyl methacrylate	ug/L	ND	20	19.5	98	70-130	
Methylene Chloride	ug/L	ND	20	21.2	106	70-130	
Naphthalene	ug/L	ND	20	20.8	104	70-130	
o-Xylene	ug/L	ND	20	19.7	98	70-130	
Propionitrile	ug/L	ND	200	203	102	70-130	
Styrene	ug/L	ND	20	20.2	101	70-130	
Tetrachloroethene	ug/L	ND	20	20.3	102	70-130	
Toluene	ug/L	ND	20	20.9	105	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	24.0	120	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	20.5	102	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	18.9	94	70-130	
Trichloroethene	ug/L	ND	20	20.1	101	69-151	
Trichlorofluoromethane	ug/L	ND	20	26.4	132	70-130	M0
Vinyl acetate	ug/L	ND	40	30.0	75	70-130	
Vinyl chloride	ug/L	ND	20	21.3	107	70-130	
1,2-Dichloroethane-d4 (S)	%				104	70-130	
4-Bromofluorobenzene (S)	%				97	70-130	
Toluene-d8 (S)	%				100	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

SAMPLE DUPLICATE: 1301576

Parameter	Units	92219622003 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		
1,1-Dichloropropene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2,4-Trichlorobenzene	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	ND	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,3-Dichlorobenzene	ug/L	ND	ND		
1,3-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	ND	ND		
2,2-Dichloropropane	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		
Acetonitrile	ug/L	ND	ND		
Acrolein	ug/L	ND	ND		
Acrylonitrile	ug/L	ND	ND		
Allyl chloride	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		
Chloroprene	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		
Dichlorodifluoromethane	ug/L	ND	ND		
Ethyl methacrylate	ug/L	ND	ND		
Ethylbenzene	ug/L	ND	ND		
Hexachloro-1,3-butadiene	ug/L	ND	ND		
Iodomethane	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

SAMPLE DUPLICATE: 1301576

Parameter	Units	92219622003 Result	Dup Result	RPD	Qualifiers
Isobutanol	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methacrylonitrile	ug/L	ND	ND		
Methyl methacrylate	ug/L	ND	ND		
Methylene Chloride	ug/L	ND	ND		
Naphthalene	ug/L	ND	ND		
o-Xylene	ug/L	ND	ND		
Propionitrile	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)	%	100	104	3	
4-Bromofluorobenzene (S)	%	98	100	2	
Toluene-d8 (S)	%	97	97	0	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MSV/28663 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92219622021, 92219622022, 92219622023, 92219622024, 92219622025

METHOD BLANK: 1301645 Matrix: Water
Associated Lab Samples: 92219622021, 92219622022, 92219622023, 92219622024, 92219622025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/07/14 23:52	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/07/14 23:52	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/07/14 23:52	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/07/14 23:52	
1,1-Dichloroethane	ug/L	ND	1.0	10/07/14 23:52	
1,1-Dichloroethene	ug/L	ND	1.0	10/07/14 23:52	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/07/14 23:52	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/07/14 23:52	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/07/14 23:52	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/07/14 23:52	
1,2-Dichloroethane	ug/L	ND	1.0	10/07/14 23:52	
1,2-Dichloropropane	ug/L	ND	1.0	10/07/14 23:52	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/07/14 23:52	
2-Butanone (MEK)	ug/L	ND	5.0	10/07/14 23:52	
2-Hexanone	ug/L	ND	5.0	10/07/14 23:52	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/07/14 23:52	
Acetone	ug/L	ND	25.0	10/07/14 23:52	
Acrylonitrile	ug/L	ND	10.0	10/07/14 23:52	
Benzene	ug/L	ND	1.0	10/07/14 23:52	
Bromochloromethane	ug/L	ND	1.0	10/07/14 23:52	
Bromodichloromethane	ug/L	ND	1.0	10/07/14 23:52	
Bromoform	ug/L	ND	1.0	10/07/14 23:52	
Bromomethane	ug/L	ND	2.0	10/07/14 23:52	
Carbon disulfide	ug/L	ND	2.0	10/07/14 23:52	
Carbon tetrachloride	ug/L	ND	1.0	10/07/14 23:52	
Chlorobenzene	ug/L	ND	1.0	10/07/14 23:52	
Chloroethane	ug/L	ND	1.0	10/07/14 23:52	
Chloroform	ug/L	ND	1.0	10/07/14 23:52	
Chloromethane	ug/L	ND	1.0	10/07/14 23:52	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/07/14 23:52	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/07/14 23:52	
Dibromochloromethane	ug/L	ND	1.0	10/07/14 23:52	
Dibromomethane	ug/L	ND	1.0	10/07/14 23:52	
Ethylbenzene	ug/L	ND	1.0	10/07/14 23:52	
Iodomethane	ug/L	ND	5.0	10/07/14 23:52	
m&p-Xylene	ug/L	ND	2.0	10/07/14 23:52	
Methylene Chloride	ug/L	ND	1.0	10/07/14 23:52	
o-Xylene	ug/L	ND	1.0	10/07/14 23:52	
Styrene	ug/L	ND	1.0	10/07/14 23:52	
Tetrachloroethene	ug/L	ND	1.0	10/07/14 23:52	
Toluene	ug/L	ND	1.0	10/07/14 23:52	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

METHOD BLANK: 1301645 Matrix: Water
Associated Lab Samples: 92219622021, 92219622022, 92219622023, 92219622024, 92219622025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/07/14 23:52	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/07/14 23:52	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/07/14 23:52	
Trichloroethene	ug/L	ND	1.0	10/07/14 23:52	
Trichlorofluoromethane	ug/L	ND	1.0	10/07/14 23:52	
Vinyl acetate	ug/L	ND	2.0	10/07/14 23:52	
Vinyl chloride	ug/L	ND	1.0	10/07/14 23:52	
Xylene (Total)	ug/L	ND	2.0	10/07/14 23:52	
1,2-Dichloroethane-d4 (S)	%	110	70-130	10/07/14 23:52	
4-Bromofluorobenzene (S)	%	101	70-130	10/07/14 23:52	
Toluene-d8 (S)	%	98	70-130	10/07/14 23:52	

LABORATORY CONTROL SAMPLE: 1301646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.0	100	80-125	
1,1,1-Trichloroethane	ug/L	50	49.2	98	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.0	98	79-124	
1,1,2-Trichloroethane	ug/L	50	50.0	100	85-125	
1,1-Dichloroethane	ug/L	50	52.2	104	73-126	
1,1-Dichloroethene	ug/L	50	50.0	100	66-135	
1,2,3-Trichloropropane	ug/L	50	46.8	94	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.2	110	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	54.7	109	83-124	
1,2-Dichlorobenzene	ug/L	50	51.0	102	80-133	
1,2-Dichloroethane	ug/L	50	48.5	97	67-128	
1,2-Dichloropropane	ug/L	50	52.9	106	75-132	
1,4-Dichlorobenzene	ug/L	50	50.9	102	78-130	
2-Butanone (MEK)	ug/L	100	100	100	61-144	
2-Hexanone	ug/L	100	98.1	98	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	72-135	
Acetone	ug/L	100	91.8	92	48-146	
Acrylonitrile	ug/L	250	223	89	40-160	
Benzene	ug/L	50	51.9	104	80-125	
Bromochloromethane	ug/L	50	52.5	105	71-125	
Bromodichloromethane	ug/L	50	51.4	103	78-124	
Bromoform	ug/L	50	54.6	109	71-128	
Bromomethane	ug/L	50	45.4	91	40-160	
Carbon disulfide	ug/L	50	52.6	105	50-160	
Carbon tetrachloride	ug/L	50	50.1	100	69-131	
Chlorobenzene	ug/L	50	49.8	100	81-122	
Chloroethane	ug/L	50	50.5	101	39-148	
Chloroform	ug/L	50	50.5	101	73-127	
Chloromethane	ug/L	50	50.8	102	44-146	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1301646

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	51.9	104	74-124	
cis-1,3-Dichloropropene	ug/L	50	52.3	105	72-132	
Dibromochloromethane	ug/L	50	51.8	104	78-125	
Dibromomethane	ug/L	50	50.4	101	82-120	
Ethylbenzene	ug/L	50	48.2	96	79-121	
Iodomethane	ug/L	100	172	172	39-154	L0
m&p-Xylene	ug/L	100	94.3	94	81-124	
Methylene Chloride	ug/L	50	51.4	103	64-133	
o-Xylene	ug/L	50	47.8	96	79-131	
Styrene	ug/L	50	50.4	101	84-126	
Tetrachloroethene	ug/L	50	50.5	101	78-122	
Toluene	ug/L	50	49.9	100	80-121	
trans-1,2-Dichloroethene	ug/L	50	52.7	105	71-127	
trans-1,3-Dichloropropene	ug/L	50	53.7	107	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	53.1	106	40-160	
Trichloroethene	ug/L	50	50.8	102	78-122	
Trichlorofluoromethane	ug/L	50	49.2	98	53-137	
Vinyl acetate	ug/L	100	100	100	40-160	
Vinyl chloride	ug/L	50	45.7	91	58-137	
Xylene (Total)	ug/L	150	142	95	81-126	
1,2-Dichloroethane-d4 (S)	%			106	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 1301648

Parameter	Units	92219968002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20.2	101	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	25.0	125	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	18.9	94	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.1	101	70-130	
1,1-Dichloroethane	ug/L	ND	20	22.8	114	70-130	
1,1-Dichloroethene	ug/L	ND	20	22.9	115	70-166	
1,2,3-Trichloropropane	ug/L	ND	20	20.0	100	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.2	96	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.6	103	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.6	108	70-130	
1,2-Dichloroethane	ug/L	ND	20	21.7	109	70-130	
1,2-Dichloropropane	ug/L	ND	20	21.1	105	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.7	108	70-130	
2-Butanone (MEK)	ug/L	ND	40	34.1	85	70-130	
2-Hexanone	ug/L	ND	40	38.1	95	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	39.7	99	70-130	
Acetone	ug/L	ND	40	37.4	94	70-130	
Acrylonitrile	ug/L	ND	100	83.9	84	70-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE SAMPLE: 1301648

Parameter	Units	92219968002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	21.7	109	70-148	
Bromochloromethane	ug/L	ND	20	22.9	115	70-130	
Bromodichloromethane	ug/L	ND	20	23.1	115	70-130	
Bromoform	ug/L	ND	20	20.0	100	70-130	
Bromomethane	ug/L	ND	20	21.7	108	70-130	
Carbon disulfide	ug/L	ND	20	23.1	116	70-130	
Carbon tetrachloride	ug/L	ND	20	24.8	124	70-130	
Chlorobenzene	ug/L	ND	20	20.6	103	70-146	
Chloroethane	ug/L	ND	20	21.4	107	70-130	
Chloroform	ug/L	ND	20	21.1	106	70-130	
Chloromethane	ug/L	ND	20	18.2	91	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	22.6	113	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.1	100	70-130	
Dibromochloromethane	ug/L	ND	20	20.3	102	70-130	
Dibromomethane	ug/L	ND	20	20.3	102	70-130	
Ethylbenzene	ug/L	ND	20	20.9	104	70-130	
Iodomethane	ug/L	ND	40	67.8	170	70-130	M0
m&p-Xylene	ug/L	ND	40	41.3	103	70-130	
Methylene Chloride	ug/L	ND	20	21.1	106	70-130	
o-Xylene	ug/L	ND	20	20.8	104	70-130	
Styrene	ug/L	ND	20	20.3	102	70-130	
Tetrachloroethene	ug/L	ND	20	20.8	104	70-130	
Toluene	ug/L	ND	20	20.7	103	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	23.7	119	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	21.2	106	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	18.5	93	70-130	
Trichloroethene	ug/L	ND	20	20.8	104	69-151	
Trichlorofluoromethane	ug/L	ND	20	26.8	134	70-130	M0
Vinyl acetate	ug/L	ND	40	31.2	78	70-130	
Vinyl chloride	ug/L	ND	20	22.3	111	70-130	
1,2-Dichloroethane-d4 (S)	%				105	70-130	
4-Bromofluorobenzene (S)	%				96	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 1301647

Parameter	Units	92219968001 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-Dibromo-3-chloropropane	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

SAMPLE DUPLICATE: 1301647

Parameter	Units	92219968001 Result	Dup Result	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
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)	%	102	103	1	
4-Bromofluorobenzene (S)	%	100	97	3	
Toluene-d8 (S)	%	97	97	0	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MSV/28904 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92219622026

METHOD BLANK: 1315464 | Matrix: Water
Associated Lab Samples: 92219622026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/25/14 13:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/25/14 13:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/25/14 13:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/25/14 13:02	
1,1-Dichloroethane	ug/L	ND	1.0	10/25/14 13:02	
1,1-Dichloroethene	ug/L	ND	1.0	10/25/14 13:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/25/14 13:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/25/14 13:02	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/25/14 13:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/25/14 13:02	
1,2-Dichloroethane	ug/L	ND	1.0	10/25/14 13:02	
1,2-Dichloropropane	ug/L	ND	1.0	10/25/14 13:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/25/14 13:02	
2-Butanone (MEK)	ug/L	ND	5.0	10/25/14 13:02	
2-Hexanone	ug/L	ND	5.0	10/25/14 13:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/25/14 13:02	
Acetone	ug/L	ND	25.0	10/25/14 13:02	
Acrylonitrile	ug/L	ND	10.0	10/25/14 13:02	
Benzene	ug/L	ND	1.0	10/25/14 13:02	
Bromochloromethane	ug/L	ND	1.0	10/25/14 13:02	
Bromodichloromethane	ug/L	ND	1.0	10/25/14 13:02	
Bromoform	ug/L	ND	1.0	10/25/14 13:02	
Bromomethane	ug/L	ND	2.0	10/25/14 13:02	
Carbon disulfide	ug/L	ND	2.0	10/25/14 13:02	
Carbon tetrachloride	ug/L	ND	1.0	10/25/14 13:02	
Chlorobenzene	ug/L	ND	1.0	10/25/14 13:02	
Chloroethane	ug/L	ND	1.0	10/25/14 13:02	
Chloroform	ug/L	ND	1.0	10/25/14 13:02	
Chloromethane	ug/L	ND	1.0	10/25/14 13:02	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/25/14 13:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/25/14 13:02	
Dibromochloromethane	ug/L	ND	1.0	10/25/14 13:02	
Dibromomethane	ug/L	ND	1.0	10/25/14 13:02	
Ethylbenzene	ug/L	ND	1.0	10/25/14 13:02	
Iodomethane	ug/L	ND	5.0	10/25/14 13:02	
m&p-Xylene	ug/L	ND	2.0	10/25/14 13:02	
Methylene Chloride	ug/L	ND	1.0	10/25/14 13:02	
o-Xylene	ug/L	ND	1.0	10/25/14 13:02	
Styrene	ug/L	ND	1.0	10/25/14 13:02	
Tetrachloroethene	ug/L	ND	1.0	10/25/14 13:02	
Toluene	ug/L	ND	1.0	10/25/14 13:02	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

METHOD BLANK: 1315464 Matrix: Water
Associated Lab Samples: 92219622026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/25/14 13:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/25/14 13:02	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/25/14 13:02	
Trichloroethene	ug/L	ND	1.0	10/25/14 13:02	
Trichlorofluoromethane	ug/L	ND	1.0	10/25/14 13:02	
Vinyl acetate	ug/L	ND	2.0	10/25/14 13:02	
Vinyl chloride	ug/L	ND	1.0	10/25/14 13:02	
Xylene (Total)	ug/L	ND	2.0	10/25/14 13:02	
1,2-Dichloroethane-d4 (S)	%	96	70-130	10/25/14 13:02	
4-Bromofluorobenzene (S)	%	102	70-130	10/25/14 13:02	
Toluene-d8 (S)	%	97	70-130	10/25/14 13:02	

LABORATORY CONTROL SAMPLE: 1315465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.1	104	80-125	
1,1,1-Trichloroethane	ug/L	50	52.8	106	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.7	101	79-124	
1,1,2-Trichloroethane	ug/L	50	50.7	101	85-125	
1,1-Dichloroethane	ug/L	50	53.1	106	73-126	
1,1-Dichloroethene	ug/L	50	57.0	114	66-135	
1,2,3-Trichloropropane	ug/L	50	51.5	103	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.9	108	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	83-124	
1,2-Dichlorobenzene	ug/L	50	50.7	101	80-133	
1,2-Dichloroethane	ug/L	50	49.0	98	67-128	
1,2-Dichloropropane	ug/L	50	50.7	101	75-132	
1,4-Dichlorobenzene	ug/L	50	49.7	99	78-130	
2-Butanone (MEK)	ug/L	100	107	107	61-144	
2-Hexanone	ug/L	100	118	118	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	102	102	72-135	
Acetone	ug/L	100	98.8	99	48-146	
Acrylonitrile	ug/L	250	257	103	40-160	
Benzene	ug/L	50	49.6	99	80-125	
Bromochloromethane	ug/L	50	54.7	109	71-125	
Bromodichloromethane	ug/L	50	51.5	103	78-124	
Bromoform	ug/L	50	55.0	110	71-128	
Bromomethane	ug/L	50	42.4	85	40-160	
Carbon disulfide	ug/L	50	55.0	110	50-160	
Carbon tetrachloride	ug/L	50	53.5	107	69-131	
Chlorobenzene	ug/L	50	50.1	100	81-122	
Chloroethane	ug/L	50	33.0	66	39-148	
Chloroform	ug/L	50	51.4	103	73-127	
Chloromethane	ug/L	50	42.6	85	44-146	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1315465

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	52.1	104	74-124	
cis-1,3-Dichloropropene	ug/L	50	49.9	100	72-132	
Dibromochloromethane	ug/L	50	55.6	111	78-125	
Dibromomethane	ug/L	50	52.5	105	82-120	
Ethylbenzene	ug/L	50	48.6	97	79-121	
Iodomethane	ug/L	100	97.6	98	39-154	
m&p-Xylene	ug/L	100	108	108	81-124	
Methylene Chloride	ug/L	50	54.3	109	64-133	
o-Xylene	ug/L	50	48.0	96	79-131	
Styrene	ug/L	50	50.7	101	84-126	
Tetrachloroethene	ug/L	50	49.6	99	78-122	
Toluene	ug/L	50	48.7	97	80-121	
trans-1,2-Dichloroethene	ug/L	50	54.6	109	71-127	
trans-1,3-Dichloropropene	ug/L	50	50.2	100	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	46.3	93	40-160	
Trichloroethene	ug/L	50	49.1	98	78-122	
Trichlorofluoromethane	ug/L	50	41.2	82	53-137	
Vinyl acetate	ug/L	100	77.1	77	40-160	
Vinyl chloride	ug/L	50	48.6	97	58-137	
Xylene (Total)	ug/L	150	155	104	81-126	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 1315467

Parameter	Units	92222849011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	21.2	106	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	23.1	116	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.7	103	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	21.1	105	70-130	
1,1-Dichloroethane	ug/L	ND	20	22.7	114	70-130	
1,1-Dichloroethene	ug/L	ND	20	25.1	126	70-166	
1,2,3-Trichloropropane	ug/L	ND	20	21.2	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20.0	100	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	22.0	110	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.0	105	70-130	
1,2-Dichloroethane	ug/L	ND	20	20.4	102	70-130	
1,2-Dichloropropane	ug/L	ND	20	21.8	109	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.2	106	70-130	
2-Butanone (MEK)	ug/L	ND	40	39.0	98	70-130	
2-Hexanone	ug/L	ND	40	42.8	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	41.2	103	70-130	
Acetone	ug/L	ND	40	37.1	93	70-130	
Acrylonitrile	ug/L	ND	100	100	100	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE SAMPLE: 1315467

Parameter	Units	92222849011 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	23.2	116	70-148	
Bromochloromethane	ug/L	ND	20	23.6	118	70-130	
Bromodichloromethane	ug/L	ND	20	21.0	105	70-130	
Bromoform	ug/L	ND	20	20.4	102	70-130	
Bromomethane	ug/L	ND	20	13.3	66	70-130	M0
Carbon disulfide	ug/L	ND	20	25.7	128	70-130	
Carbon tetrachloride	ug/L	ND	20	24.6	123	70-130	
Chlorobenzene	ug/L	ND	20	22.0	110	70-146	
Chloroethane	ug/L	ND	20	18.7	93	70-130	
Chloroform	ug/L	ND	20	21.2	106	70-130	
Chloromethane	ug/L	ND	20	17.3	87	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	22.7	114	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.9	104	70-130	
Dibromochloromethane	ug/L	ND	20	21.3	107	70-130	
Dibromomethane	ug/L	ND	20	22.1	110	70-130	
Ethylbenzene	ug/L	ND	20	21.8	109	70-130	
Iodomethane	ug/L	ND	40	34.0	85	70-130	
m&p-Xylene	ug/L	ND	40	45.4	114	70-130	
Methylene Chloride	ug/L	ND	20	22.1	110	70-130	
o-Xylene	ug/L	ND	20	21.0	105	70-130	
Styrene	ug/L	ND	20	22.1	110	70-130	
Tetrachloroethene	ug/L	ND	20	22.3	112	70-130	
Toluene	ug/L	ND	20	22.0	110	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	24.1	119	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	21.0	105	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	18.5	93	70-130	
Trichloroethene	ug/L	ND	20	22.7	113	69-151	
Trichlorofluoromethane	ug/L	ND	20	22.3	111	70-130	
Vinyl acetate	ug/L	ND	40	27.1	68	70-130	M0
Vinyl chloride	ug/L	ND	20	21.4	106	70-130	
1,2-Dichloroethane-d4 (S)	%				97	70-130	
4-Bromofluorobenzene (S)	%				101	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 1315466

Parameter	Units	92222849005 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-Dibromo-3-chloropropane	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

SAMPLE DUPLICATE: 1315466

Parameter	Units	92222849005 Result	Dup Result	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
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)	%	99	97	2	
4-Bromofluorobenzene (S)	%	99	99	1	
Toluene-d8 (S)	%	97	98	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: MSV/28937
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92219622027

METHOD BLANK: 1315982
Matrix: Water
Associated Lab Samples: 92219622027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/27/14 23:02	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/27/14 23:02	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/27/14 23:02	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/27/14 23:02	
1,1-Dichloroethane	ug/L	ND	1.0	10/27/14 23:02	
1,1-Dichloroethene	ug/L	ND	1.0	10/27/14 23:02	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/27/14 23:02	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/27/14 23:02	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/27/14 23:02	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/27/14 23:02	
1,2-Dichloroethane	ug/L	ND	1.0	10/27/14 23:02	
1,2-Dichloropropane	ug/L	ND	1.0	10/27/14 23:02	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/27/14 23:02	
2-Butanone (MEK)	ug/L	ND	5.0	10/27/14 23:02	
2-Hexanone	ug/L	ND	5.0	10/27/14 23:02	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/27/14 23:02	
Acetone	ug/L	ND	25.0	10/27/14 23:02	
Acrylonitrile	ug/L	ND	10.0	10/27/14 23:02	
Benzene	ug/L	ND	1.0	10/27/14 23:02	
Bromochloromethane	ug/L	ND	1.0	10/27/14 23:02	
Bromodichloromethane	ug/L	ND	1.0	10/27/14 23:02	
Bromoform	ug/L	ND	1.0	10/27/14 23:02	
Bromomethane	ug/L	ND	2.0	10/27/14 23:02	
Carbon disulfide	ug/L	ND	2.0	10/27/14 23:02	
Carbon tetrachloride	ug/L	ND	1.0	10/27/14 23:02	
Chlorobenzene	ug/L	ND	1.0	10/27/14 23:02	
Chloroethane	ug/L	ND	1.0	10/27/14 23:02	
Chloroform	ug/L	ND	1.0	10/27/14 23:02	
Chloromethane	ug/L	ND	1.0	10/27/14 23:02	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/27/14 23:02	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/27/14 23:02	
Dibromochloromethane	ug/L	ND	1.0	10/27/14 23:02	
Dibromomethane	ug/L	ND	1.0	10/27/14 23:02	
Ethylbenzene	ug/L	ND	1.0	10/27/14 23:02	
Iodomethane	ug/L	ND	5.0	10/27/14 23:02	
m&p-Xylene	ug/L	ND	2.0	10/27/14 23:02	
Methylene Chloride	ug/L	ND	1.0	10/27/14 23:02	
o-Xylene	ug/L	ND	1.0	10/27/14 23:02	
Styrene	ug/L	ND	1.0	10/27/14 23:02	
Tetrachloroethene	ug/L	ND	1.0	10/27/14 23:02	
Toluene	ug/L	ND	1.0	10/27/14 23:02	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

METHOD BLANK: 1315982 Matrix: Water
Associated Lab Samples: 92219622027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/27/14 23:02	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/27/14 23:02	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/27/14 23:02	
Trichloroethene	ug/L	ND	1.0	10/27/14 23:02	
Trichlorofluoromethane	ug/L	ND	1.0	10/27/14 23:02	
Vinyl acetate	ug/L	ND	2.0	10/27/14 23:02	
Vinyl chloride	ug/L	ND	1.0	10/27/14 23:02	
Xylene (Total)	ug/L	ND	2.0	10/27/14 23:02	
1,2-Dichloroethane-d4 (S)	%	98	70-130	10/27/14 23:02	
4-Bromofluorobenzene (S)	%	104	70-130	10/27/14 23:02	
Toluene-d8 (S)	%	97	70-130	10/27/14 23:02	

LABORATORY CONTROL SAMPLE: 1315983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.8	98	80-125	
1,1,1-Trichloroethane	ug/L	50	50.8	102	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	79-124	
1,1,2-Trichloroethane	ug/L	50	49.2	98	85-125	
1,1-Dichloroethane	ug/L	50	48.2	96	73-126	
1,1-Dichloroethene	ug/L	50	48.8	98	66-135	
1,2,3-Trichloropropane	ug/L	50	50.4	101	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.4	97	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	83-124	
1,2-Dichlorobenzene	ug/L	50	48.8	98	80-133	
1,2-Dichloroethane	ug/L	50	45.5	91	67-128	
1,2-Dichloropropane	ug/L	50	48.2	96	75-132	
1,4-Dichlorobenzene	ug/L	50	48.0	96	78-130	
2-Butanone (MEK)	ug/L	100	91.5	91	61-144	
2-Hexanone	ug/L	100	99.7	100	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.3	88	72-135	
Acetone	ug/L	100	84.2	84	48-146	
Acrylonitrile	ug/L	250	230	92	40-160	
Benzene	ug/L	50	49.9	100	80-125	
Bromochloromethane	ug/L	50	56.6	113	71-125	
Bromodichloromethane	ug/L	50	44.3	89	78-124	
Bromoform	ug/L	50	47.0	94	71-128	
Bromomethane	ug/L	50	33.1	66	40-160	
Carbon disulfide	ug/L	50	52.3	105	50-160	
Carbon tetrachloride	ug/L	50	51.9	104	69-131	
Chlorobenzene	ug/L	50	48.4	97	81-122	
Chloroethane	ug/L	50	30.1	60	39-148	
Chloroform	ug/L	50	46.4	93	73-127	
Chloromethane	ug/L	50	33.8	68	44-146	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1315983

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	48.6	97	74-124	
cis-1,3-Dichloropropene	ug/L	50	50.1	100	72-132	
Dibromochloromethane	ug/L	50	47.0	94	78-125	
Dibromomethane	ug/L	50	53.3	107	82-120	
Ethylbenzene	ug/L	50	47.6	95	79-121	
Iodomethane	ug/L	100	89.2	89	39-154	
m&p-Xylene	ug/L	100	105	105	81-124	
Methylene Chloride	ug/L	50	49.2	98	64-133	
o-Xylene	ug/L	50	47.0	94	79-131	
Styrene	ug/L	50	49.6	99	84-126	
Tetrachloroethene	ug/L	50	49.2	98	78-122	
Toluene	ug/L	50	48.4	97	80-121	
trans-1,2-Dichloroethene	ug/L	50	49.9	100	71-127	
trans-1,3-Dichloropropene	ug/L	50	50.7	101	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	44.0	88	40-160	
Trichloroethene	ug/L	50	48.9	98	78-122	
Trichlorofluoromethane	ug/L	50	42.2	84	53-137	
Vinyl acetate	ug/L	100	68.6	69	40-160	
Vinyl chloride	ug/L	50	43.3	87	58-137	
Xylene (Total)	ug/L	150	152	102	81-126	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 1316057

Parameter	Units	92222561002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.33	20	20.0	100	70-130	
1,1,1-Trichloroethane	ug/L	<0.48	20	21.8	109	70-130	
1,1,2,2-Tetrachloroethane	ug/L	<0.40	20	19.7	98	70-130	
1,1,2-Trichloroethane	ug/L	<0.29	20	20.2	101	70-130	
1,1-Dichloroethane	ug/L	<0.32	20	20.6	103	70-130	
1,1-Dichloroethene	ug/L	<0.56	20	22.0	110	70-166	
1,2,3-Trichloropropane	ug/L	<0.41	20	20.4	102	70-130	
1,2-Dibromo-3-chloropropane	ug/L	<2.0	20	18.5	92	70-130	
1,2-Dibromoethane (EDB)	ug/L	<0.27	20	20.8	104	70-130	
1,2-Dichlorobenzene	ug/L	<0.30	20	21.1	104	70-130	
1,2-Dichloroethane	ug/L	<0.12	20	18.7	94	70-130	
1,2-Dichloropropane	ug/L	<0.27	20	19.9	100	70-130	
1,4-Dichlorobenzene	ug/L	4.3	20	25.3	105	70-130	
2-Butanone (MEK)	ug/L	<0.96	40	32.4	81	70-130	
2-Hexanone	ug/L	<0.46	40	36.7	92	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.33	40	37.0	93	70-130	
Acetone	ug/L	<10.0	40	33.2	83	70-130	
Acrylonitrile	ug/L	<1.9	100	93.3	93	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE SAMPLE: 1316057

Parameter	Units	92222561002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	0.67J	20	21.9	106	70-148	
Bromochloromethane	ug/L	<0.17	20	23.3	116	70-130	
Bromodichloromethane	ug/L	<0.18	20	19.6	98	70-130	
Bromoform	ug/L	<0.26	20	18.0	90	70-130	
Bromomethane	ug/L	<0.29	20	13.0	65	70-130	M0
Carbon disulfide	ug/L	<1.2	20	20.5	103	70-130	
Carbon tetrachloride	ug/L	<0.25	20	22.3	111	70-130	
Chlorobenzene	ug/L	3.4	20	24.0	103	70-146	
Chloroethane	ug/L	<0.54	20	14.4	72	70-130	
Chloroform	ug/L	<0.14	20	21.4	107	70-130	
Chloromethane	ug/L	<0.11	20	10.8	54	70-130	M0
cis-1,2-Dichloroethene	ug/L	3.3	20	24.0	103	70-130	
cis-1,3-Dichloropropene	ug/L	<0.13	20	18.6	93	70-130	
Dibromochloromethane	ug/L	<0.21	20	19.9	100	70-130	
Dibromomethane	ug/L	<0.21	20	21.6	108	70-130	
Ethylbenzene	ug/L	<0.30	20	20.6	103	70-130	
Iodomethane	ug/L	<0.32	40	31.9	80	70-130	
m&p-Xylene	ug/L	<0.66	40	42.8	107	70-130	
Methylene Chloride	ug/L	<0.97	20	18.8	94	70-130	
o-Xylene	ug/L	<0.23	20	19.7	99	70-130	
Styrene	ug/L	<0.26	20	18.7	93	70-130	
Tetrachloroethene	ug/L	<0.46	20	21.2	106	70-130	
Toluene	ug/L	<0.26	20	20.9	104	70-155	
trans-1,2-Dichloroethene	ug/L	<0.49	20	21.1	105	70-130	
trans-1,3-Dichloropropene	ug/L	<0.26	20	19.0	95	70-130	
trans-1,4-Dichloro-2-butene	ug/L	<1.0	20	16.1	80	70-130	
Trichloroethene	ug/L	<0.47	20	21.0	105	69-151	
Trichlorofluoromethane	ug/L	<0.20	20	20.3	102	70-130	
Vinyl acetate	ug/L	<0.35	40	18.0	45	70-130	M0
Vinyl chloride	ug/L	<0.62	20	14.9	72	70-130	
1,2-Dichloroethane-d4 (S)	%				95	70-130	
4-Bromofluorobenzene (S)	%				102	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 1316056

Parameter	Units	92222561001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.33	ND		
1,1,1-Trichloroethane	ug/L	<0.48	ND		
1,1,2,2-Tetrachloroethane	ug/L	<0.40	ND		
1,1,2-Trichloroethane	ug/L	<0.29	ND		
1,1-Dichloroethane	ug/L	1.4	1.5	2	
1,1-Dichloroethene	ug/L	<0.56	ND		
1,2,3-Trichloropropane	ug/L	<0.41	ND		
1,2-Dibromo-3-chloropropane	ug/L	<2.0	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

SAMPLE DUPLICATE: 1316056

Parameter	Units	92222561001 Result	Dup Result	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	<0.27	ND		
1,2-Dichlorobenzene	ug/L	0.47J	.49J		
1,2-Dichloroethane	ug/L	<0.12	ND		
1,2-Dichloropropane	ug/L	<0.27	ND		
1,4-Dichlorobenzene	ug/L	10.2	9.8	4	
2-Butanone (MEK)	ug/L	<0.96	ND		
2-Hexanone	ug/L	<0.46	ND		
4-Methyl-2-pentanone (MIBK)	ug/L	<0.33	ND		
Acetone	ug/L	<10.0	ND		
Acrylonitrile	ug/L	<1.9	ND		
Benzene	ug/L	1.2	1.2	2	
Bromochloromethane	ug/L	<0.17	ND		
Bromodichloromethane	ug/L	<0.18	ND		
Bromoform	ug/L	<0.26	ND		
Bromomethane	ug/L	<0.29	ND		
Carbon disulfide	ug/L	1.5J	1.4J		
Carbon tetrachloride	ug/L	<0.25	ND		
Chlorobenzene	ug/L	11.3	11.5	2	
Chloroethane	ug/L	<0.54	ND		
Chloroform	ug/L	<0.14	ND		
Chloromethane	ug/L	<0.11	ND		
cis-1,2-Dichloroethene	ug/L	3.3	3.4	3	
cis-1,3-Dichloropropene	ug/L	<0.13	ND		
Dibromochloromethane	ug/L	<0.21	ND		
Dibromomethane	ug/L	<0.21	ND		
Ethylbenzene	ug/L	<0.30	ND		
Iodomethane	ug/L	<0.32	ND		
m&p-Xylene	ug/L	<0.66	ND		
Methylene Chloride	ug/L	<0.97	ND		
o-Xylene	ug/L	<0.23	ND		
Styrene	ug/L	<0.26	ND		
Tetrachloroethene	ug/L	<0.46	ND		
Toluene	ug/L	<0.26	ND		
trans-1,2-Dichloroethene	ug/L	<0.49	ND		
trans-1,3-Dichloropropene	ug/L	<0.26	ND		
trans-1,4-Dichloro-2-butene	ug/L	<1.0	ND		
Trichloroethene	ug/L	<0.47	ND		
Trichlorofluoromethane	ug/L	<0.20	ND		
Vinyl acetate	ug/L	<0.35	ND		
Vinyl chloride	ug/L	<0.62	ND		
Xylene (Total)	ug/L	<0.66	ND		
1,2-Dichloroethane-d4 (S)	%	97	97	0	
4-Bromofluorobenzene (S)	%	102	102	0	
Toluene-d8 (S)	%	96	98	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: OEXT/30255 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1299542 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	10/06/14 16:25	
4,4'-DDE	ug/L	ND	0.050	10/06/14 16:25	
4,4'-DDT	ug/L	ND	0.050	10/06/14 16:25	
Aldrin	ug/L	ND	0.050	10/06/14 16:25	
alpha-BHC	ug/L	ND	0.050	10/06/14 16:25	
beta-BHC	ug/L	ND	0.050	10/06/14 16:25	
Chlordane (Technical)	ug/L	ND	0.20	10/06/14 16:25	
delta-BHC	ug/L	ND	0.050	10/06/14 16:25	
Dieldrin	ug/L	ND	0.050	10/06/14 16:25	
Endosulfan I	ug/L	ND	0.050	10/06/14 16:25	
Endosulfan II	ug/L	ND	0.050	10/06/14 16:25	
Endosulfan sulfate	ug/L	ND	0.050	10/06/14 16:25	
Endrin	ug/L	ND	0.050	10/06/14 16:25	
Endrin aldehyde	ug/L	ND	0.050	10/06/14 16:25	
gamma-BHC (Lindane)	ug/L	ND	0.050	10/06/14 16:25	
Heptachlor	ug/L	ND	0.050	10/06/14 16:25	
Heptachlor epoxide	ug/L	ND	0.050	10/06/14 16:25	
Methoxychlor	ug/L	ND	0.15	10/06/14 16:25	
Toxaphene	ug/L	ND	0.20	10/06/14 16:25	
Decachlorobiphenyl (S)	%	96	20-130	10/06/14 16:25	
Tetrachloro-m-xylene (S)	%	71	20-130	10/06/14 16:25	

LABORATORY CONTROL SAMPLE: 1299543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
4,4'-DDD	ug/L	.25	0.25	100	20-150	
4,4'-DDE	ug/L	.25	0.23	92	20-150	
4,4'-DDT	ug/L	.25	0.25	103	20-150	
Aldrin	ug/L	.25	0.18	73	20-150	
alpha-BHC	ug/L	.25	0.22	88	20-150	
beta-BHC	ug/L	.25	0.24	96	20-150	
delta-BHC	ug/L	.25	0.23	95	20-150	
Dieldrin	ug/L	.25	0.24	98	20-150	
Endosulfan I	ug/L	.25	0.22	89	20-150	
Endosulfan II	ug/L	.25	0.25	103	20-150	
Endosulfan sulfate	ug/L	.25	0.26	103	20-150	
Endrin	ug/L	.25	0.25	103	20-150	
Endrin aldehyde	ug/L	.25	0.20	82	20-150	
gamma-BHC (Lindane)	ug/L	.25	0.22	90	20-150	
Heptachlor	ug/L	.25	0.20	79	20-150	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1299543

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Heptachlor epoxide	ug/L	.25	0.23	93	20-150	
Methoxychlor	ug/L	.74	0.78	105	20-150	
Decachlorobiphenyl (S)	%			89	20-130	
Tetrachloro-m-xylene (S)	%			89	20-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: OEXT/30246 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1298998 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	10/06/14 16:37	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	10/06/14 16:37	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	10/06/14 16:37	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	10/06/14 16:37	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	10/06/14 16:37	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	10/06/14 16:37	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	10/06/14 16:37	
Decachlorobiphenyl (S)	%	98	10-132	10/06/14 16:37	

LABORATORY CONTROL SAMPLE & LCSD: 1298999 1299000

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	4.7	4.2	94	84	50-150	11	30	
PCB-1260 (Aroclor 1260)	ug/L	5	5.1	4.6	103	93	50-150	10	30	
Decachlorobiphenyl (S)	%				91	82	10-132			

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: OEXT/19161 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1021241 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	0.19	10/07/14 23:48	
2,4,5-TP (Silvex)	ug/L	ND	0.19	10/07/14 23:48	
2,4-D	ug/L	ND	0.94	10/07/14 23:48	
Dinoseb	ug/L	ND	0.19	10/07/14 23:48	
Pentachlorophenol	ug/L	ND	0.028	10/07/14 23:48	
2,4-DCAA (S)	%	90	66-130	10/07/14 23:48	

LABORATORY CONTROL SAMPLE: 1021242

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4,5-T	ug/L	1.2	0.94	79	46-137	
2,4,5-TP (Silvex)	ug/L	1.2	1.1	89	63-133	
2,4-D	ug/L	6	5.3	88	40-137	
Dinoseb	ug/L	1.2	0.73	61	10-177	
Pentachlorophenol	ug/L	.18	0.18	99	70-144	
2,4-DCAA (S)	%			82	66-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1021243 1021244

Parameter	Units	35157853049 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	0.040U	2.4	2.4	2.0	2.0	85	83	46-137	3	
2,4,5-TP (Silvex)	ug/L	0.047U	2.4	2.4	2.3	2.3	96	96	63-133	.1	
2,4-D	ug/L	0.21U	12	12	11.3	11.2	94	93	40-137	.9	
Dinoseb	ug/L	0.054U	2.4	2.4	1.5	1.7	64	69	10-177	8	
Pentachlorophenol	ug/L	0.016U	.36	.36	0.39	0.38	107	103	70-144	4	
2,4-DCAA (S)	%						90	89	66-130		

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: OEXT/30277 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1300182 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
1,2,4-Trichlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
1,2-Dichlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	10/07/14 12:51	
1,3-Dichlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
1,3-Dinitrobenzene	ug/L	ND	20.0	10/07/14 12:51	
1,4-Dichlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
1,4-Naphthoquinone	ug/L	ND	5.0	10/07/14 12:51	
1-Naphthalenamine	ug/L	ND	5.0	10/07/14 12:51	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	10/07/14 12:51	
2,4,5-Trichlorophenol	ug/L	ND	10.0	10/07/14 12:51	
2,4,6-Trichlorophenol	ug/L	ND	10.0	10/07/14 12:51	
2,4-Dichlorophenol	ug/L	ND	10.0	10/07/14 12:51	
2,4-Dimethylphenol	ug/L	ND	10.0	10/07/14 12:51	
2,4-Dinitrophenol	ug/L	ND	50.0	10/07/14 12:51	
2,4-Dinitrotoluene	ug/L	ND	10.0	10/07/14 12:51	
2,6-Dichlorophenol	ug/L	ND	10.0	10/07/14 12:51	
2,6-Dinitrotoluene	ug/L	ND	10.0	10/07/14 12:51	
2-Acetylaminofluorene	ug/L	ND	20.0	10/07/14 12:51	
2-Chloronaphthalene	ug/L	ND	10.0	10/07/14 12:51	
2-Chlorophenol	ug/L	ND	10.0	10/07/14 12:51	
2-Methylnaphthalene	ug/L	ND	10.0	10/07/14 12:51	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	10/07/14 12:51	
2-Naphthalenamine	ug/L	ND	5.0	10/07/14 12:51	
2-Nitroaniline	ug/L	ND	50.0	10/07/14 12:51	
2-Nitrophenol	ug/L	ND	10.0	10/07/14 12:51	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	10/07/14 12:51	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	10/07/14 12:51	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	10/07/14 12:51	
3-Methylcholanthrene	ug/L	ND	10.0	10/07/14 12:51	
3-Nitroaniline	ug/L	ND	50.0	10/07/14 12:51	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	10/07/14 12:51	
4-Aminobiphenyl	ug/L	ND	10.0	10/07/14 12:51	
4-Bromophenylphenyl ether	ug/L	ND	10.0	10/07/14 12:51	
4-Chloro-3-methylphenol	ug/L	ND	20.0	10/07/14 12:51	
4-Chloroaniline	ug/L	ND	20.0	10/07/14 12:51	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	10/07/14 12:51	
4-Nitroaniline	ug/L	ND	20.0	10/07/14 12:51	
4-Nitrophenol	ug/L	ND	50.0	10/07/14 12:51	
5-Nitro-o-toluidine	ug/L	ND	10.0	10/07/14 12:51	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	10/07/14 12:51	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

METHOD BLANK: 1300182 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	ND	10.0	10/07/14 12:51	
Acenaphthylene	ug/L	ND	10.0	10/07/14 12:51	
Acetophenone	ug/L	ND	10.0	10/07/14 12:51	
Anthracene	ug/L	ND	10.0	10/07/14 12:51	
Benzo(a)anthracene	ug/L	ND	10.0	10/07/14 12:51	
Benzo(a)pyrene	ug/L	ND	10.0	10/07/14 12:51	
Benzo(b)fluoranthene	ug/L	ND	10.0	10/07/14 12:51	
Benzo(g,h,i)perylene	ug/L	ND	10.0	10/07/14 12:51	
Benzo(k)fluoranthene	ug/L	ND	10.0	10/07/14 12:51	
Benzyl alcohol	ug/L	ND	20.0	10/07/14 12:51	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	10/07/14 12:51	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	10/07/14 12:51	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	10/07/14 12:51	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	10/07/14 12:51	
Butylbenzylphthalate	ug/L	ND	10.0	10/07/14 12:51	
Chlorobenzilate	ug/L	ND	10.0	10/07/14 12:51	
Chrysene	ug/L	ND	10.0	10/07/14 12:51	
Di-n-butylphthalate	ug/L	ND	10.0	10/07/14 12:51	
Di-n-octylphthalate	ug/L	ND	10.0	10/07/14 12:51	
Diallate	ug/L	ND	10.0	10/07/14 12:51	
Dibenz(a,h)anthracene	ug/L	ND	10.0	10/07/14 12:51	
Dibenzofuran	ug/L	ND	10.0	10/07/14 12:51	
Diethylphthalate	ug/L	ND	10.0	10/07/14 12:51	
Dimethoate	ug/L	ND	10.0	10/07/14 12:51	
Dimethylphthalate	ug/L	ND	10.0	10/07/14 12:51	
Diphenylamine	ug/L	ND	10.0	10/07/14 12:51	
Disulfoton	ug/L	ND	10.0	10/07/14 12:51	
Ethyl methanesulfonate	ug/L	ND	20.0	10/07/14 12:51	
Famphur	ug/L	ND	10.0	10/07/14 12:51	
Fluoranthene	ug/L	ND	10.0	10/07/14 12:51	
Fluorene	ug/L	ND	10.0	10/07/14 12:51	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	10/07/14 12:51	
Hexachlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
Hexachlorocyclopentadiene	ug/L	ND	10.0	10/07/14 12:51	
Hexachloroethane	ug/L	ND	10.0	10/07/14 12:51	
Hexachloropropene	ug/L	ND	10.0	10/07/14 12:51	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	10/07/14 12:51	
Isodrin	ug/L	ND	20.0	10/07/14 12:51	
Isophorone	ug/L	ND	10.0	10/07/14 12:51	
Isosafrole	ug/L	ND	10.0	10/07/14 12:51	
Kepone	ug/L	ND	10.0	10/07/14 12:51	
Methapyrilene	ug/L	ND	50.0	10/07/14 12:51	
Methyl methanesulfonate	ug/L	ND	5.0	10/07/14 12:51	
Methyl parathion	ug/L	ND	10.0	10/07/14 12:51	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	10/07/14 12:51	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

METHOD BLANK: 1300182 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	10/07/14 12:51	
N-Nitrosodiethylamine	ug/L	ND	20.0	10/07/14 12:51	
N-Nitrosodimethylamine	ug/L	ND	10.0	10/07/14 12:51	
N-Nitrosodiphenylamine	ug/L	ND	10.0	10/07/14 12:51	
N-Nitrosomethylethylamine	ug/L	ND	10.0	10/07/14 12:51	
N-Nitrosopiperidine	ug/L	ND	20.0	10/07/14 12:51	
N-Nitrosopyrrolidine	ug/L	ND	10.0	10/07/14 12:51	
Naphthalene	ug/L	ND	10.0	10/07/14 12:51	
Nitrobenzene	ug/L	ND	10.0	10/07/14 12:51	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	10/07/14 12:51	
O-Toluidine	ug/L	ND	10.0	10/07/14 12:51	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	10/07/14 12:51	
p-Phenylenediamine	ug/L	ND	10.0	10/07/14 12:51	
Parathion (Ethyl parathion)	ug/L	ND	10.0	10/07/14 12:51	
Pentachlorobenzene	ug/L	ND	10.0	10/07/14 12:51	
Pentachloronitrobenzene	ug/L	ND	20.0	10/07/14 12:51	
Pentachlorophenol	ug/L	ND	25.0	10/07/14 12:51	
Phenacetin	ug/L	ND	20.0	10/07/14 12:51	
Phenanthrene	ug/L	ND	10.0	10/07/14 12:51	
Phenol	ug/L	ND	10.0	10/07/14 12:51	
Phorate	ug/L	ND	10.0	10/07/14 12:51	
Pronamide	ug/L	ND	10.0	10/07/14 12:51	
Pyrene	ug/L	ND	10.0	10/07/14 12:51	
Safrole	ug/L	ND	10.0	10/07/14 12:51	
Thionazin	ug/L	ND	20.0	10/07/14 12:51	
2,4,6-Tribromophenol (S)	%	67	27-110	10/07/14 12:51	
2-Fluorobiphenyl (S)	%	71	27-110	10/07/14 12:51	
2-Fluorophenol (S)	%	37	12-110	10/07/14 12:51	
Nitrobenzene-d5 (S)	%	70	21-110	10/07/14 12:51	
Phenol-d6 (S)	%	26	10-110	10/07/14 12:51	
Terphenyl-d14 (S)	%	86	31-107	10/07/14 12:51	

LABORATORY CONTROL SAMPLE: 1300183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	34.4	69	16-129	
1,2,4-Trichlorobenzene	ug/L	50	28.1	56	31-120	
1,2-Dichlorobenzene	ug/L	50	36.2	72	38-120	
1,3,5-Trinitrobenzene	ug/L	50	53.5	107	55-125	
1,3-Dichlorobenzene	ug/L	50	33.5	67	30-122	
1,3-Dinitrobenzene	ug/L	50	49.5	99	30-122	
1,4-Dichlorobenzene	ug/L	50	35.7	71	37-120	
1,4-Naphthoquinone	ug/L	50	45.6	91	31-120	
1-Naphthalenamine	ug/L	50	38.2	76	37-126	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1300183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,3,4,6-Tetrachlorophenol	ug/L	50	87.7	175	54-276	
2,4,5-Trichlorophenol	ug/L	50	44.0	88	43-113	
2,4,6-Trichlorophenol	ug/L	50	39.6	79	42-120	
2,4-Dichlorophenol	ug/L	50	33.9	68	30-120	
2,4-Dimethylphenol	ug/L	50	36.5	73	29-111	
2,4-Dinitrophenol	ug/L	250	239	95	19-132	
2,4-Dinitrotoluene	ug/L	50	51.1	102	58-128	
2,6-Dichlorophenol	ug/L	50	45.2	90	54-128	
2,6-Dinitrotoluene	ug/L	50	50.3	101	54-129	
2-Acetylaminofluorene	ug/L	50	52.7	105	81-160	
2-Chloronaphthalene	ug/L	50	44.4	89	43-117	
2-Chlorophenol	ug/L	50	38.8	78	37-120	
2-Methylnaphthalene	ug/L	50	33.4	67	33-120	
2-Methylphenol(o-Cresol)	ug/L	50	37.9	76	31-120	
2-Naphthalenamine	ug/L	50	41.2	82	41-136	
2-Nitroaniline	ug/L	100	102	102	48-121	
2-Nitrophenol	ug/L	50	30.9	62	25-116	
3&4-Methylphenol(m&p Cresol)	ug/L	50	36.8	74	23-120	
3,3'-Dichlorobenzidine	ug/L	250	92.9	37	10-154	
3,3'-Dimethylbenzidine	ug/L	100	54.9	55	10-157	
3-Methylcholanthrene	ug/L	50	52.3	105	65-130	
3-Nitroaniline	ug/L	100	95.2	95	43-115	
4,6-Dinitro-2-methylphenol	ug/L	100	94.1	94	44-124	
4-Aminobiphenyl	ug/L	50	36.4	73	21-125	
4-Bromophenylphenyl ether	ug/L	50	43.2	86	34-113	
4-Chloro-3-methylphenol	ug/L	100	80.4	80	31-110	
4-Chloroaniline	ug/L	100	66.5	67	20-120	
4-Chlorophenylphenyl ether	ug/L	50	45.3	91	34-116	
4-Nitroaniline	ug/L	100	107	107	46-128	
4-Nitrophenol	ug/L	250	119	48	11-120	
5-Nitro-o-toluidine	ug/L	50	54.5	109	78-160	
7,12-Dimethylbenz(a)anthracene	ug/L	50	49.4	99	47-124	
Acenaphthene	ug/L	50	43.5	87	48-114	
Acenaphthylene	ug/L	50	43.6	87	48-112	
Acetophenone	ug/L	50	50.5	101	24-120	
Anthracene	ug/L	50	45.1	90	57-118	
Benzo(a)anthracene	ug/L	50	45.6	91	56-121	
Benzo(a)pyrene	ug/L	50	44.8	90	55-127	
Benzo(b)fluoranthene	ug/L	50	45.7	91	53-128	
Benzo(g,h,i)perylene	ug/L	50	42.6	85	54-125	
Benzo(k)fluoranthene	ug/L	50	47.0	94	51-123	
Benzyl alcohol	ug/L	100	85.4	85	27-120	
bis(2-Chloroethoxy)methane	ug/L	50	43.3	87	32-120	
bis(2-Chloroethyl) ether	ug/L	50	41.0	82	33-111	
bis(2-Chloroisopropyl) ether	ug/L	50	43.2	86	15-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	52.2	104	50-145	
Butylbenzylphthalate	ug/L	50	53.2	106	54-138	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1300183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzilate	ug/L	50	51.4	103	65-132	
Chrysene	ug/L	50	46.1	92	58-127	
Di-n-butylphthalate	ug/L	50	51.7	103	56-125	
Di-n-octylphthalate	ug/L	50	47.4	95	50-134	
Diallate	ug/L	50	50.4	101	47-123	
Dibenz(a,h)anthracene	ug/L	50	44.3	89	53-129	
Dibenzofuran	ug/L	50	48.4	97	45-120	
Diethylphthalate	ug/L	50	52.0	104	53-120	
Dimethoate	ug/L	50	49.2	98	57-139	
Dimethylphthalate	ug/L	50	48.4	97	55-116	
Diphenylamine	ug/L	50	45.0	90	42-120	
Disulfoton	ug/L	50	49.3	99	49-156	
Ethyl methanesulfonate	ug/L	50	49.9	100	43-120	
Famphur	ug/L	100	93.9	94	40-160	
Fluoranthene	ug/L	50	46.9	94	57-125	
Fluorene	ug/L	50	48.3	97	53-118	
Hexachloro-1,3-butadiene	ug/L	50	27.2	54	23-120	
Hexachlorobenzene	ug/L	50	40.3	81	49-116	
Hexachlorocyclopentadiene	ug/L	50	35.6	71	26-158	
Hexachloroethane	ug/L	50	40.8	82	30-114	
Hexachloropropene	ug/L	50	35.4	71	13-137	
Indeno(1,2,3-cd)pyrene	ug/L	50	35.2	70	55-128	
Isodrin	ug/L	50	53.5	107	68-129	
Isophorone	ug/L	50	35.0	70	31-118	
Isosafrole	ug/L	50	39.1	78	48-107	
Kepone	ug/L	100	93.1	93	10-124	
Methapyrilene	ug/L	50	38.8J	78	40-160	
Methyl methanesulfonate	ug/L	50	36.1	72	25-114	
Methyl parathion	ug/L	50	58.8	118	58-137	
N-Nitroso-di-n-butylamine	ug/L	50	43.9	88	36-115	
N-Nitroso-di-n-propylamine	ug/L	50	52.1	104	32-119	
N-Nitrosodiethylamine	ug/L	50	44.6	89	47-115	
N-Nitrosodimethylamine	ug/L	50	21.1	42	13-120	
N-Nitrosodiphenylamine	ug/L	50	45.0	90	43-120	
N-Nitrosomethylethylamine	ug/L	50	37.1	74	39-120	
N-Nitrosopiperidine	ug/L	50	41.8	84	43-113	
N-Nitrosopyrrolidine	ug/L	50	48.7	97	32-110	
Naphthalene	ug/L	50	30.4	61	32-120	
Nitrobenzene	ug/L	50	31.7	63	33-110	
O,O,O-Triethylphosphorothioate	ug/L	50	42.6	85	51-127	
O-Toluidine	ug/L	50	41.9	84	27-120	
P-Dimethylaminoazobenzene	ug/L	100	25.1	25	10-120	
p-Phenylenediamine	ug/L	50	73.7	147	72-143	L3
Parathion (Ethyl parathion)	ug/L	50	60.2	120	56-140	
Pentachlorobenzene	ug/L	50	42.9	86	30-137	
Pentachloronitrobenzene	ug/L	50	57.0	114	70-124	
Pentachlorophenol	ug/L	250	73.3	29	10-137	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

LABORATORY CONTROL SAMPLE: 1300183

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenacetin	ug/L	50	56.2	112	60-130	
Phenanthrene	ug/L	50	43.1	86	57-117	
Phenol	ug/L	50	22.3	45	10-120	
Phorate	ug/L	50	53.5	107	55-126	
Pronamide	ug/L	50	52.6	105	75-124	
Pyrene	ug/L	50	47.0	94	55-122	
Safrole	ug/L	50	43.3	87	41-120	
Thionazin	ug/L	50	59.1	118	63-137	
2,4,6-Tribromophenol (S)	%			84	27-110	
2-Fluorobiphenyl (S)	%			75	27-110	
2-Fluorophenol (S)	%			43	12-110	
Nitrobenzene-d5 (S)	%			61	21-110	
Phenol-d6 (S)	%			35	10-110	
Terphenyl-d14 (S)	%			94	31-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300184 1300185

Parameter	Units	92219622015 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	71.4	72.5	71	73	50-150	2	
1,2,4-Trichlorobenzene	ug/L	ND	100	100	54.8	56.8	55	57	10-110	3	
1,2-Dichlorobenzene	ug/L	ND	100	100	63.0	63.3	63	63	10-110	1	
1,3,5-Trinitrobenzene	ug/L	ND	100	100	104	97.4	104	97	50-150	7	
1,3-Dichlorobenzene	ug/L	ND	100	100	59.9	62.5	60	63	10-110	4	
1,3-Dinitrobenzene	ug/L	ND	100	100	92.3	88.5	92	88	50-150	4	
1,4-Dichlorobenzene	ug/L	ND	100	100	63.1	65.2	63	65	10-110	3	
1,4-Naphthoquinone	ug/L	ND	100	100	83.1	83.5	83	84	50-150	0	
1-Naphthalenamine	ug/L	ND	100	100	69.3	58.7	69	59	50-150	17	
2,3,4,6-Tetrachlorophenol	ug/L	ND	100	100	161	163	161	163	50-150	1	M1
2,4,5-Trichlorophenol	ug/L	ND	100	100	83.6	81.1	84	81	19-105	3	
2,4,6-Trichlorophenol	ug/L	ND	100	100	78.2	76.2	78	76	13-108	3	
2,4-Dichlorophenol	ug/L	ND	100	100	58.9	58.7	59	59	29-111	0	
2,4-Dimethylphenol	ug/L	ND	100	100	64.5	64.9	64	65	21-103	1	
2,4-Dinitrophenol	ug/L	ND	500	500	427	432	85	86	10-109	1	
2,4-Dinitrotoluene	ug/L	ND	100	100	93.0	88.5	93	88	27-104	5	
2,6-Dichlorophenol	ug/L	ND	100	100	78.1	79.1	78	79	50-150	1	
2,6-Dinitrotoluene	ug/L	ND	100	100	94.5	88.2	95	88	28-101	7	
2-Acetylaminofluorene	ug/L	ND	100	100	109	99.0	109	99	50-150	10	
2-Chloronaphthalene	ug/L	ND	100	100	87.9	85.8	88	86	14-102	2	
2-Chlorophenol	ug/L	ND	100	100	66.8	65.2	67	65	16-110	2	
2-Methylnaphthalene	ug/L	ND	100	100	57.5	57.7	58	58	13-110	0	
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	63.3	60.4	63	60	19-110	5	
2-Naphthalenamine	ug/L	ND	100	100	72.3	60.0	72	60	50-150	18	
2-Nitroaniline	ug/L	ND	200	200	192	183	96	92	26-103	5	
2-Nitrophenol	ug/L	ND	100	100	56.3	58.7	56	59	20-110	4	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300184 1300185

Parameter	Units	92219622015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
3&4-Methylphenol(m&p Cresol)	ug/L	ND	100	100	60.0	56.6	60	57	20-110	6	
3,3'-Dichlorobenzidine	ug/L	ND	500	500	192	175	38	35	25-112	9	
3,3'-Dimethylbenzidine	ug/L	ND	200	200	139	90.8	70	45	50-150	42	M1,R1
3-Methylcholanthrene	ug/L	ND	100	100	104	95.2	104	95	50-150	9	
3-Nitroaniline	ug/L	ND	200	200	178	164	89	82	29-110	8	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	181	176	91	88	10-117	3	
4-Aminobiphenyl	ug/L	ND	100	100	74.1	51.8	74	52	50-150	35	R1
4-Bromophenylphenyl ether	ug/L	ND	100	100	84.8	79.6	85	80	20-105	6	
4-Chloro-3-methylphenol	ug/L	ND	200	200	139	132	70	66	22-110	5	
4-Chloroaniline	ug/L	ND	200	200	112	99.9	56	50	20-100	11	
4-Chlorophenylphenyl ether	ug/L	ND	100	100	86.0	81.9	86	82	19-102	5	
4-Nitroaniline	ug/L	ND	200	200	198	186	99	93	29-110	6	
4-Nitrophenol	ug/L	ND	500	500	315	325	63	65	10-110	3	
5-Nitro-o-toluidine	ug/L	ND	100	100	99.0	94.2	99	94	50-150	5	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	100	100	94.9	89.9	94	89	50-150	5	
Acenaphthene	ug/L	ND	100	100	82.5	79.7	82	80	17-100	3	
Acenaphthylene	ug/L	ND	100	100	83.3	79.8	83	80	21-100	4	
Acetophenone	ug/L	ND	100	100	74.3	71.2	74	71	50-150	4	
Anthracene	ug/L	ND	100	100	88.8	83.1	89	83	24-109	7	
Benzo(a)anthracene	ug/L	ND	100	100	90.0	83.8	90	84	22-117	7	
Benzo(a)pyrene	ug/L	ND	100	100	87.6	82.3	88	82	23-104	6	
Benzo(b)fluoranthene	ug/L	ND	100	100	90.8	86.9	91	87	23-103	4	
Benzo(g,h,i)perylene	ug/L	ND	100	100	87.8	77.1	88	77	18-111	13	
Benzo(k)fluoranthene	ug/L	ND	100	100	88.8	83.1	89	83	22-113	7	
Benzyl alcohol	ug/L	ND	200	200	139	129	69	65	19-101	7	
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	77.0	76.9	77	77	22-110	0	
bis(2-Chloroethyl) ether	ug/L	ND	100	100	69.6	69.5	70	70	16-110	0	
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	71.2	68.7	71	69	14-110	4	
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	101	92.5	101	93	23-102	8	
Butylbenzylphthalate	ug/L	ND	100	100	102	92.7	102	93	25-110	10	
Chlorobenzilate	ug/L	ND	100	100	97.3	90.8	97	91	50-150	7	
Chrysene	ug/L	ND	100	100	90.9	84.5	91	84	23-115	7	
Di-n-butylphthalate	ug/L	ND	100	100	100	93.0	100	93	26-110	8	
Di-n-octylphthalate	ug/L	ND	100	100	92.9	84.3	93	84	22-110	10	
Diallate	ug/L	ND	100	100	100	94.1	100	94	50-150	6	
Dibenz(a,h)anthracene	ug/L	ND	100	100	90.6	80.1	91	80	21-112	12	
Dibenzofuran	ug/L	ND	100	100	92.5	87.4	92	87	19-102	6	
Diethylphthalate	ug/L	ND	100	100	95.0	89.9	95	90	29-110	5	
Dimethoate	ug/L	ND	100	100	99.5	92.5	99	92	50-150	7	
Dimethylphthalate	ug/L	ND	100	100	91.4	86.6	91	87	27-110	5	
Diphenylamine	ug/L	ND	100	100	89.5	84.3	89	84	50-150	6	
Disulfoton	ug/L	ND	100	100	98.2	89.7	98	90	50-150	9	
Ethyl methanesulfonate	ug/L	ND	100	100	79.2	75.0	79	75	50-150	5	
Famphur	ug/L	ND	200	200	161	168	81	84	50-150	4	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300184 1300185

Parameter	Units	92219622015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Fluoranthene	ug/L	ND	100	100	93.5	87.3	94	87	23-112	7	
Fluorene	ug/L	ND	100	100	90.7	86.2	91	86	22-104	5	
Hexachloro-1,3-butadiene	ug/L	ND	100	100	53.2	58.3	53	58	10-110	9	
Hexachlorobenzene	ug/L	ND	100	100	82.9	77.4	83	77	21-116	7	
Hexachlorocyclopentadiene	ug/L	ND	100	100	76.0	81.5	76	81	10-110	7	
Hexachloroethane	ug/L	ND	100	100	71.4	74.3	71	74	10-110	4	
Hexachloropropene	ug/L	ND	100	100	73.1	79.5	73	80	50-150	8	
Indeno(1,2,3-cd)pyrene	ug/L	ND	100	100	72.6	64.5	73	64	20-113	12	
Isodrin	ug/L	ND	100	100	103	99.1	103	99	50-150	4	
Isophorone	ug/L	ND	100	100	60.3	61.4	60	61	50-150	2	
Isosafrole	ug/L	ND	100	100	77.0	75.1	77	75	50-150	2	
Kepone	ug/L	ND	200	200	195	164	97	82	50-150	17	
Methapyrilene	ug/L	ND	100	100	112	64.8J	112	65	50-150		
Methyl methanesulfonate	ug/L	ND	100	100	70.3	69.2	70	69	50-150	2	
Methyl parathion	ug/L	ND	100	100	114	105	114	105	50-150	7	
N-Nitroso-di-n-butylamine	ug/L	ND	100	100	76.0	75.0	76	75	50-150	1	
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	73.1	70.1	73	70	21-105	4	
N-Nitrosodiethylamine	ug/L	ND	100	100	75.0	74.4	75	74	50-150	1	
N-Nitrosodimethylamine	ug/L	ND	100	100	50.0	53.7	50	54	10-110	7	
N-Nitrosodiphenylamine	ug/L	ND	100	100	89.5	84.3	89	84	23-107	6	
N-Nitrosomethylethylamine	ug/L	ND	100	100	69.7	70.2	70	70	50-150	1	
N-Nitrosopiperidine	ug/L	ND	100	100	70.6	72.7	71	73	50-150	3	
N-Nitrosopyrrolidine	ug/L	ND	100	100	68.4	63.6	68	64	50-150	7	
Naphthalene	ug/L	ND	100	100	55.8	58.0	56	58	10-110	4	
Nitrobenzene	ug/L	ND	100	100	60.6	61.7	61	62	20-110	2	
O,O,O-Triethylphosphorothioate	ug/L	ND	100	100	77.4	80.7	77	81	50-150	4	
O-Toluidine	ug/L	ND	100	100	62.7	55.5	63	55	50-150	12	
P-Dimethylaminoazobenzene	ug/L	ND	200	200	47.5	43.3	24	22	50-150	9	M1
p-Phenylenediamine	ug/L	ND	100	100	115	110	115	110	50-150	5	
Parathion (Ethyl parathion)	ug/L	ND	100	100	116	106	116	106	50-150	8	
Pentachlorobenzene	ug/L	ND	100	100	82.3	79.2	82	79	50-150	4	
Pentachloronitrobenzene	ug/L	ND	100	100	110	105	110	105	50-150	5	
Pentachlorophenol	ug/L	ND	500	500	147	160	29	32	10-118	8	
Phenacetin	ug/L	ND	100	100	112	105	112	105	50-150	6	
Phenanthrene	ug/L	ND	100	100	85.3	80.5	85	81	24-106	6	
Phenol	ug/L	ND	100	100	46.3	47.0	46	47	12-110	1	
Phorate	ug/L	ND	100	100	104	97.4	104	97	50-150	7	
Pronamide	ug/L	ND	100	100	102	95.3	102	95	50-150	7	
Pyrene	ug/L	ND	100	100	88.0	83.8	88	84	24-114	5	
Safrole	ug/L	ND	100	100	75.2	75.8	75	76	50-150	1	
Thionazin	ug/L	ND	100	100	109	103	109	103	50-150	6	
2,4,6-Tribromophenol (S)	%						84	81	27-110		
2-Fluorobiphenyl (S)	%						74	72	27-110		
2-Fluorophenol (S)	%						48	50	12-110		
Nitrobenzene-d5 (S)	%						57	59	21-110		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300184 1300185

Parameter	Units	92219622015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Phenol-d6 (S)	%						38	39	10-110		
Terphenyl-d14 (S)	%						87	81	31-107		

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: WET/33648 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1303487 Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	mg/L	ND	0.10	10/09/14 16:30	

LABORATORY CONTROL SAMPLE: 1303488

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	mg/L	.5	0.48	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1303489 1303490

Parameter	Units	92219622015 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	0.55	0.55	110	110	90-110	0	

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QUALITY CONTROL DATA

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

QC Batch: WETA/20515 | Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E | Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92219622015, 92219622016, 92219622017

METHOD BLANK: 1304937 | Matrix: Water
Associated Lab Samples: 92219622015, 92219622016, 92219622017

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	mg/L	ND	0.0050	10/12/14 14:40	

LABORATORY CONTROL SAMPLE: 1304938

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	mg/L	.1	0.11	114	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1304939 1304940

Parameter	Units	92219303002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	0.66	.1	.1	1.6	1.6	890	922	75-125	2	M6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1304941 1304942

Parameter	Units	92220452001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	mg/L	319	.1	.1	426	416	107500	97000	75-125	2	M6

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QUALIFIERS

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

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.

PQL - Practical Quantitation 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.

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

TNI - The NELAC Institute.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte
PASI-O	Pace Analytical Services - Ormond Beach

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
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.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.
R1	RPD value was outside control limits.
S0	Surrogate recovery outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92219622001	**1107-MW2**		FLD/		
92219622002	**1107-MW2D**		FLD/		
92219622003	**1107-MW3R**		FLD/		
92219622004	**1107-MW4**		FLD/		
92219622005	**1107-MW4D**		FLD/		
92219622006	**1107-MW5**		FLD/		
92219622007	**1107-MW5D**		FLD/		
92219622008	**1107-MW6**		FLD/		
92219622009	**1107-MW10**		FLD/		
92219622010	**1107-MW10D**		FLD/		
92219622011	**1107-MW11**		FLD/		
92219622012	**1107-MW11D**		FLD/		
92219622013	**1107-MW13**		FLD/		
92219622014	**1107-MW13D**		FLD/		
92219622015	**1107-MW1**		FLD/		
92219622016	**1107-MW1D**		FLD/		
92219622017	**1107-MW7**		FLD/		
92219622018	**1107-MW12**		FLD/		
92219622019	**1107-MW12D**		FLD/		
92219622020	**1107-MW14**		FLD/		
92219622021	**1107-MW14D**		FLD/		
92219622022	**1107-MW15S**		FLD/		
92219622023	**1107-MW15D**		FLD/		
92219622024	**1107-MW8**		FLD/		
92219622025	**1107-MW8D**		FLD/		
92219622026	**1107-SW4**		FLD/		
92219622015	**1107-MW1**	EPA 3510	OEXT/30255	EPA 8081	GCSV/19095
92219622016	**1107-MW1D**	EPA 3510	OEXT/30255	EPA 8081	GCSV/19095
92219622017	**1107-MW7**	EPA 3510	OEXT/30255	EPA 8081	GCSV/19095
92219622015	**1107-MW1**	EPA 3510	OEXT/30246	EPA 8082	GCSV/19098
92219622016	**1107-MW1D**	EPA 3510	OEXT/30246	EPA 8082	GCSV/19098
92219622017	**1107-MW7**	EPA 3510	OEXT/30246	EPA 8082	GCSV/19098
92219622015	**1107-MW1**	EPA 8151	OEXT/19161	EPA 8151	GCSV/12595
92219622016	**1107-MW1D**	EPA 8151	OEXT/19161	EPA 8151	GCSV/12595
92219622017	**1107-MW7**	EPA 8151	OEXT/19161	EPA 8151	GCSV/12595
92219622001	**1107-MW2**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622002	**1107-MW2D**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622003	**1107-MW3R**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622004	**1107-MW4**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622005	**1107-MW4D**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622006	**1107-MW5**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622007	**1107-MW5D**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622008	**1107-MW6**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622009	**1107-MW10**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622010	**1107-MW10D**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622011	**1107-MW11**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622012	**1107-MW11D**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92219622013	**1107-MW13**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622014	**1107-MW13D**	EPA 3010	MPRP/17035	EPA 6010	ICP/15357
92219622015	**1107-MW1**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622016	**1107-MW1D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622017	**1107-MW7**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622018	**1107-MW12**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622019	**1107-MW12D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622020	**1107-MW14**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622021	**1107-MW14D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622022	**1107-MW15S**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622023	**1107-MW15D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622024	**1107-MW8**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622025	**1107-MW8D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219622026	**1107-SW4**	EPA 3010	MPRP/17180	EPA 6010	ICP/15488
92219622015	**1107-MW1**	EPA 7470	MERP/7148	EPA 7470	MERC/6875
92219622016	**1107-MW1D**	EPA 7470	MERP/7148	EPA 7470	MERC/6875
92219622017	**1107-MW7**	EPA 7470	MERP/7148	EPA 7470	MERC/6875
92219622015	**1107-MW1**	EPA 3510	OEXT/30277	EPA 8270	MSSV/9740
92219622016	**1107-MW1D**	EPA 3510	OEXT/30277	EPA 8270	MSSV/9740
92219622017	**1107-MW7**	EPA 3510	OEXT/30277	EPA 8270	MSSV/9740
92219622001	**1107-MW2**	EPA 8260	MSV/28662		
92219622002	**1107-MW2D**	EPA 8260	MSV/28662		
92219622003	**1107-MW3R**	EPA 8260	MSV/28662		
92219622004	**1107-MW4**	EPA 8260	MSV/28662		
92219622005	**1107-MW4D**	EPA 8260	MSV/28662		
92219622006	**1107-MW5**	EPA 8260	MSV/28662		
92219622007	**1107-MW5D**	EPA 8260	MSV/28662		
92219622008	**1107-MW6**	EPA 8260	MSV/28662		
92219622009	**1107-MW10**	EPA 8260	MSV/28662		
92219622010	**1107-MW10D**	EPA 8260	MSV/28662		
92219622011	**1107-MW11**	EPA 8260	MSV/28662		
92219622012	**1107-MW11D**	EPA 8260	MSV/28662		
92219622013	**1107-MW13**	EPA 8260	MSV/28662		
92219622014	**1107-MW13D**	EPA 8260	MSV/28662		
92219622015	**1107-MW1**	EPA 8260	MSV/28662		
92219622016	**1107-MW1D**	EPA 8260	MSV/28662		
92219622017	**1107-MW7**	EPA 8260	MSV/28662		
92219622018	**1107-MW12**	EPA 8260	MSV/28662		
92219622019	**1107-MW12D**	EPA 8260	MSV/28662		
92219622020	**1107-MW14**	EPA 8260	MSV/28662		
92219622021	**1107-MW14D**	EPA 8260	MSV/28663		
92219622022	**1107-MW15S**	EPA 8260	MSV/28663		
92219622023	**1107-MW15D**	EPA 8260	MSV/28663		
92219622024	**1107-MW8**	EPA 8260	MSV/28663		
92219622025	**1107-MW8D**	EPA 8260	MSV/28663		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE NEW LF MW'S
Pace Project No.: 92219622

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92219622026	**1107-SW4**	EPA 8260	MSV/28904		
92219622027	**1107-TRIP BLANK**	EPA 8260	MSV/28937		
92219622015	**1107-MW1**	SM 4500-S2D	WET/33648		
92219622016	**1107-MW1D**	SM 4500-S2D	WET/33648		
92219622017	**1107-MW7**	SM 4500-S2D	WET/33648		
92219622015	**1107-MW1**	SM 4500-CN-E	WETA/20515		
92219622016	**1107-MW1D**	SM 4500-CN-E	WETA/20515		
92219622017	**1107-MW7**	SM 4500-CN-E	WETA/20515		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc Co

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 1.9 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: BDB 10/1/14

		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: WG		
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: JB Date: 10/1/14

SRF Review: JB Date: 10/2/14

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)

WO# : 92219622

92219622

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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

1808498

Section A Required Client Information:

Company: Buncombe Co/SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: 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	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	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	Amp Total	Amp Total Filtered H_2O	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					10-1-14	950		4			1	3					X	X	X	X	001
2	MW-2D					10-1	955		4			1	3					X	X	X	X	002
3	MW-3R					10-1	1050		4			1	3					X	X	X	X	003
4	MW-4					10-1	1105		4			1	3					X	X	X	X	004
5	MW-4D					10-1	1110		4			1	3					X	X	X	X	005
6	MW-5					10-1	1130		4			1	3					X	X	X	X	006
7	MW-5D					10-1	1145		4			1	3					X	X	X	X	007
8	MW-6					10-1	1155		4			1	3					X	X	X	X	008
9	MW-10					10-1	1220		4			1	3					X	X	X	X	009
10	MW-10D					10-1	1230		4			1	3					X	X		X	010
11	MW-11					10-1	1300		4			1	3					X	X	X	X	011
12	MW-11D					10-1	1310		4			1	3					X	X	X	X	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-1-14	1320	[signature]	10-1-14	1320				
	[signature]	10-1-14	1645	[signature]	10/1/14	1645	1.9	4	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SUYAMA

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-1-14

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

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

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc. Co

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_____

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

IR Gun #4 SN:140290365 Other:_____

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

Date and Initials of person examining contents: RDB 10/1/14

		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: WW		
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: JG **Date:** 10/1/14

SRF Review: JG **Date:** 10/2/14

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

92219622 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: 2 of

1808499

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burke Co / SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name:	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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	Composite Start TIME	Composite End/GRAB DATE	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): Full Strip Hg	VOC App IX	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92219622
1	MW-13					10-1-14	1025		4			1	3					X	X	X	X			013
2	MW-13D					10-1-14	1025		4			1	3					X	X	X	X			014
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)
		10-1-14	1320	[signature] Pace	10-1-14	1320				
	[signature] Pace	10-10-14	1640	[signature]	10/11/14	16:40	4.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark L. Swanson

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-1-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Buncombe SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 10/2/14

		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: WW 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: [signature] Date: 10/2/14

SRF Review: [signature] Date: 10/3/14

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

92219622 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: 3 of

1808497

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burc / SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: MW CF MW 13	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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, Sulfate, Hardness	Full Agr II	Agr I Vol	Agr I Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92219622
1	MW-1					10-2-14	955		14	8		1	3	1				X	X				015
2	MW-10					10-2	1015		14	8		1	3	1				X	X				16
3	MW-7					10-2	1130		14	8		1	3	1				X	X				17
4	MW-12					10-2	1305		4			1	3					X		X	X		18
5	MW-12D					10-2	1315		4			1	3					X		X	X		19
6	MW-14					10-2	1235		4			1	3					X		X	X		20
7	MW-14D					10-2	1245		4			1	3					X		X	X		21
8	MW-15S					10-2	1335		4			1	3					X		X	X		22
9	MW-15d					10-2	1345		4			1	3					X		X	X		23
10	MW-8					10-2-14	1545		4			1	3										24
11	MW-8D					10-2	1555		4			1	3										25
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-2-14	1350	[signature] Pace	10-2-14	1350				
	[signature] Pace	10-2-14	1630	[signature]	10/2/14	16:30	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MATT D. SWANSON

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-2-14

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

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

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.6 C

Corrected Cooler Temp.: 5.1 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 10/21/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: JG **Date:** 10/21/14

SRF Review: JG **Date:** 10/22/14

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

92219622

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

1787684

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

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	VOC Appx	Appx Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-4					10-21-14	1540		4			1	3					X	X	X		026
2	SW-7 DRY					10-21-14	1520		0										DRY			
3	TVL BLK					10-21-14	1500		2				2						X			027
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)
pH 7.2		10-21-14	1600	[signature]	10-21-14	1600				
TAL 13.5	[signature]	10-21-14	1620	[signature]	10/21/14	1620	5.1	Y	N	Y
SDIAM 262										
TURB 6.00										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK R. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-21-14

*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	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 Buncombe New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	955	MCJ	MW-1	66.42	6.6	14.1	162	8.01		CLEAR to CLOUDY NO ODOR
10-2	1015		MW-1D	68.54	6.8	14.4	181	4.67		CLEAR NO ODOR
10-1	950		MW-2	8.30	5.9	15.0	172	2.31		CLEAR NO ODOR
10-1	955		MW-2D	8.15	6.6	14.8	240	0.90		CLEAR NO ODOR
10-1	1050		MW-3R	~~59.07~~ 56.39	6.3	14.4	191	9.48		CLEAR NO ODOR
10-1	1105		MW-4	14.47	6.2	15.5	210	1.14		CLEAR NO ODOR
10-1	1120		MW-4D	14.80	6.4	15.1	242	1.70		CLEAR NO ODOR
10-1	1130		MW-5	35.22	6.3	15.7	200	4.96		CLEAR NO ODOR
10-1	1145		MW-5D	37.22	6.2	15.5	~~[illegible]~~ 194	3.30		CLEAR NO ODOR
10-1	1155		MW-6	26.80	6.0	15.0	135	1.16		CLEAR NO ODOR
10-2	1130		MW-7	42.74	6.4	17.2	719	4.99		CLEAR to CLOUDY ORG ODOR

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Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Burc CO New LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	1545	MPS	MW-8	32.35	6.15	16.8	309	3.36		CLEAR NO ODOR
10-2	1555		MW-8A	30.95	6.4	15.0	376	1.40		CLEAR NO ODOR
10-1	1300		MW-11	33.08	6.6	16.4	374	1.52		CLEAR NO ODOR
10-1	1310		MW-11D	34.06	6.5	15.3	370	1.02		CLEAR NO ODOR
10-2	1305		MW-12	13.02	6.2	17.7	1175	1.85		CLEAR TO CLOUDY NO ODOR
10-2	1315		MW-12A	12.51	6.4	17.2	638	2.52		CLEAR TO CLOUDY NO ODOR
10-1-14	1025		MW-13	6.85	6.6	17.7	383	2.80		CLEAR SLIGHT ODOR
10-1-14	1035		MW 13A	7.40	6.3	17.3	399	1.74		CLEAR SLIGHT ODOR
10-2-14	1235		MW-14	31.11	6.5	15.0	211	12.9		CLEAR TO CLOUDY NO ODOR
10-2	1245		MW-14A	30.99	7.1	13.9	272	1.35		CLEAR NO ODOR
10-2	1335		MW-15s	22.43	6.0	17.6	325	7.23		CLEAR TO CLOUDY NO ODOR
10-2	1345		MW-15d	26.92	6.4	16.1	472	4.12		CLEAR NO ODOR
10-1	1220		MW-10	70.45	6.0	15.9	299	1.11		CLEAR SLIGHT ODOR
10-1	1230		MW-10A	71.23	6.4	15.0	272	2.54		CLEAR NO ODOR

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WELL CONDITION SUMMARY

Site: Buncombe Co New LF **Personnel:** MPJ

Date: 10-9-14 **Page** 1 **of** 4

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	
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Grundfos Pump Disp TFE Bailer	
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
~~MW-2~~ MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-3R	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-4	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE Bailer	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co New LF **Personnel:** MB

Date: 10-9-14 **Page** 2 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-7	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	TFE BAILER	
MW-8	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	PUMP DISP TFE BAILER	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co Newle **Personnel:** MPS

Date: 10-9-14 **Page** 3 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	GRUNDFOS PUMP DISP TFE BAILER	
MW 11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW 11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	
MW-12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-12D	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

*Note ponding water, weep holes, or any other information

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WELL CONDITION SUMMARY

Site: Buncombe Co Landfill **Personnel:** MPJ

Date: 10-9-14 **Page** 4 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	CONCRETE PAD AT BASE ROCKS / ~~is~~ LOOSE ~~FROM GROUND~~ IS SLIGHTLY LOOSE FROM GROUND SLT
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	~~TT~~ GRUNDFOS PUMP DISP TFE BAILER	
MW-15S	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-15d	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
	☐ Damaged	☐ Damaged	☐ Inadequate	☐ 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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Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Buncombe New LF

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	955	MCJ	MW-1	66.42	6.6	14.1	162	8.01		CLEAR to CLOUDY NO ODOR
10-2	1015		MW-1D	68.54	6.8	14.4	181	4.67		CLEAR NO ODOR
10-1	950		MW-2	8.30	5.9	15.0	172	2.31		CLEAR NO ODOR
10-1	955		MW-2D	8.15	6.6	14.8	240	0.90		CLEAR NO ODOR
10-1	1050		MW-3R	~~59.07~~ 56.39	6.3	14.4	191	9.48		CLEAR NO ODOR
10-1	1105		MW-4	14.47	6.2	15.5	210	1.14		CLEAR NO ~~ODOR~~ ODOR
10-1	1120		MW-4D	14.80	6.4	15.1	248	1.70		CLEAR NO ODOR
10-1	1130		MW-5	35.22	6.3	15.7	200	4.96		CLEAR NO ODOR
10-1	1145		MW-5D	37.22	6.2	15.5	~~[illegible]~~ 194	3.30		CLEAR NO ODOR
10-1	1155		MW-6	26.80	6.0	15.0	135	1.16		CLEAR NO ODOR
10-2	1130		MW-7	42.74	6.4	17.2	719	4.99		CLEAR to CLOUDY ORG ODOR

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Report Form for Field Monitoring

Location Burc CO New LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	1545	MPS	MW-8	32.35	6.15	16.8	309	3.36		CLEAR NO ODOR
10-2	1555		MW-8A	30.95	6.4	15.0	376	1.40		CLEAR NO ODOR
10-1	1300		MW-11	33.08	6.6	16.4	374	1.52		CLEAR NO ODOR
10-1	1310		MW-11D	34.06	6.5	15.3	370	1.02		CLEAR NO ODOR
10-2	1305		MW-12	13.02	6.2	17.7	1175	1.85		CLEAR TO CLOUDY NO ODOR
10-2	1315		MW-12A	12.51	6.4	17.2	638	2.52		CLEAR TO CLOUDY NO ODOR
10-1-14	1025		MW-13	6.85	6.6	17.7	383	2.80		CLEAR SLIGHT ODOR
10-1-14	1035		MW 13A	7.40	6.3	17.3	399	1.74		CLEAR SLIGHT ODOR
10-2-14	1235		MW-14	31.11	6.5	15.0	211	12.9		CLEAR TO CLOUDY NO ODOR
10-2	1245		MW-14D	30.99	7.1	13.9	272	1.35		CLEAR NO ODOR
10-2	1335		MW-15S	22.43	6.0	17.6	325	7.23		CLEAR TO CLOUDY NO ODOR
10-2	1345		MW-15d	26.92	6.4	16.1	472	4.12		CLEAR NO ODOR
10-1	1220		MW-10	70.45	6.0	15.9	299	1.11		CLEAR SLIGHT ODOR
10-1	1230		MW-10A	71.23	6.4	15.0	272	2.54		CLEAR NO ODOR

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WELL CONDITION SUMMARY

Site: Buncombe Co NCW LF **Personnel:** MPJ

Date: 10-9-14 **Page** 1 **of** 4

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	
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	GRUNFOS PUMP DISP TFE BAILER	
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
~~MW-2~~ MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-3R	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-4	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

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

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WELL CONDITION SUMMARY

Site: Buncombe Co Newlf **Personnel:** MB

Date: 10-9-14 **Page** 2 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE DISP BAILER	
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-7	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No	TFE BAILER	
MW-8	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	PUMP DISP TFE BAILER	

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WELL CONDITION SUMMARY

Site: Buncombe Co Newle **Personnel:** MPS

Date: 10-9-14 **Page** 3 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
mw-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	GRUNDFOS PUMP DISP TFE BAILER	
MW 11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW 11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP TFE BAILER	
MW-12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-12D	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

*Note ponding water, weep holes, or any other [illegible]

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WELL CONDITION SUMMARY

Site: BURLCOMBE TO NEWLE **Personnel:** MPJ

Date: 10-9-14 **Page** 4 **of** 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	CONCRETE PAD AT BASE ROCKS IS SLIGHTLY LOOSE FROM GROUND ~~IS LOOSE FROM GROUND~~ SLT
MW-14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	~~TT~~ GRUNDFOS PUMP DISC TFE BAILER	
MW-15S	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-15d	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Damaged ☐ Damaged	☑ OK ☐ Inadequate ☐ Inadequate	☑ Yes ☐ No ☐ No	TFE BAILER	

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

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Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	955	MCJ	MW-1	66.42	6.6	14.1	162	8.01		CLEAR to CLOUDY NO ODOR
10-2	1015		MW-1D	68.54	6.8	14.4	181	4.67		CLEAR NO ODOR
10-1	950		MW-2	8.30	5.9	15.0	172	2.31		CLEAR NO ODOR
10-1	955		MW-2D	8.15	6.6	14.8	240	0.90		CLEAR NO ODOR
10-1	1050		MW-3R	~~59.07~~ 56.39	6.3	14.4	191	9.48		CLEAR NO ODOR
10-1	1105		MW-4	14.47	6.2	15.5	210	1.14		CLEAR NO ~~ODOR~~ ODOR
10-1	1120		MW-4D	14.80	6.4	15.1	248	1.70		CLEAR NO ODOR
10-1	1130		MW-5	35.22	6.3	15.7	200	4.96		CLEAR NO ODOR
10-1	1145		MW-5D	37.22	6.2	15.5	~~[illegible]~~ 194	3.30		CLEAR NO ODOR
10-1	1155		MW-6	26.80	6.0	15.0	135	1.16		CLEAR NO ODOR
10-2	1130		MW-7	42.74	6.4	17.2	719	4.99		CLEAR to CLOUDY ORG ODOR

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Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Burc CO New LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-2	1545	MPS	MW-8	32.35	6.15	16.8	309	3.36		CLEAR NO ODOR
10-2	1555		MW-8A	30.95	6.4	15.0	376	1.40		CLEAR NO ODOR
10-1	1300		MW-11	33.08	6.6	16.4	374	1.52		CLEAR NO ODOR
10-1	1310		MW-11D	34.06	6.5	15.3	370	1.02		CLEAR NO ODOR
10-2	1305		MW-12	13.02	6.2	17.7	1175	1.85		CLEAR TO CLOUDY NO ODOR
10-2	1315		MW-12A	12.51	6.4	17.2	638	2.52		CLEAR TO CLOUDY NO ODOR
10-1-14	1025		MW-13	6.85	6.6	17.7	383	2.80		CLEAR SLIGHT ODOR
10-1-14	1035		MW 13A	7.40	6.3	17.3	399	1.74		CLEAR SLIGHT ODOR
10-2-14	1235		MW-14	31.11	6.5	15.0	211	12.9		CLEAR TO CLOUDY NO ODOR
10-2	1245		MW-14A	30.99	7.1	13.9	272	1.35		CLEAR NO ODOR
10-2	1335		MW-15s	22.43	6.0	17.6	325	7.23		CLEAR TO CLOUDY NO ODOR
10-2	1345		MW-15d	26.92	6.4	16.1	472	4.12		CLEAR NO ODOR
10-1	1220		MW-10	70.45	6.0	15.9	299	1.11		CLEAR SLIGHT ODOR
10-1	1230		MW-10A	71.23	6.4	15.0	272	2.54		CLEAR NO ODOR

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc Co

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 1.9 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: BDB 10/1/14

		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: WG		
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: JB Date: 10/1/14

SRF Review: JB Date: 10/2/14

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)

WO# : 92219622

92219622

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

October 16, 2014

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

RE: Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory on October 02, 2014. 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,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

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CERTIFICATIONS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

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 C&D MW'S NEW LF
Pace Project No.: 92219821

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92219821001	**1107-MW1**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821002	**1107-MW1D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821003	**1107-MW12**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821004	**1107-MW12D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821005	**1107-MW14**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821006	**1107-MW14D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821007	**1107-MW15S**	EPA 6010	JMW	2	PASI-A

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SAMPLE ANALYTE COUNT

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A
92219821008	**1107-MW15D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	WRC	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	DMN	1	PASI-A

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW1 **Lab ID: 92219821001** Collected: 10/02/14 09:55 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 09:55		
Field pH	**6.6**	Std. Units	0.10	1		10/02/14 09:55		
Field Temperature	**14.1**	deg C	0.50	1		10/02/14 09:55		
Static Water Level	**66.42**	feet		1		10/02/14 09:55		
Field Specific Conductance	**162**	umhos/cm	1.0	1		10/02/14 09:55		
Oxygen, Dissolved	**7.6**	mg/L		1		10/02/14 09:55	7782-44-7	
Turbidity	**8.01**	NTU	1.0	1		10/02/14 09:55		
Odor	**NONE**			1		10/02/14 09:55		
Appearance	**CLOUDY**			1		10/02/14 09:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**3890**	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:24	7439-89-6	
Manganese	**45.6**	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:24	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:32	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**50.8**	mg/L	5.0	1		10/09/14 13:05		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**132**	mg/L	25.0	1		10/02/14 22:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**21.3**	mg/L	2.0	1		10/14/14 22:55	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5.6**	mg/L	1.0	1		10/15/14 18:06	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW1D **Lab ID: 92219821002** Collected: 10/02/14 10:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 10:15		
Field pH	**6.8**	Std. Units	0.10	1		10/02/14 10:15		
Field Temperature	**14.4**	deg C	0.50	1		10/02/14 10:15		
Static Water Level	**68.54**	feet		1		10/02/14 10:15		
Field Specific Conductance	**181**	umhos/cm	1.0	1		10/02/14 10:15		
Oxygen, Dissolved	**7.7**	mg/L		1		10/02/14 10:15	7782-44-7	
Turbidity	**4.67**	NTU	1.0	1		10/02/14 10:15		
Odor	**NONE**			1		10/02/14 10:15		
Appearance	**CLEAR**			1		10/02/14 10:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**120**	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:33	7439-89-6	
Manganese	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:33	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:34	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**60.2**	mg/L	5.0	1		10/09/14 13:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**142**	mg/L	25.0	1		10/02/14 22:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**22.8**	mg/L	2.0	1		10/14/14 23:08	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**2.0**	mg/L	1.0	1		10/15/14 18:08	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW12 **Lab ID: 92219821003** Collected: 10/02/14 13:05 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:05		
Field pH	**6.2**	Std. Units	0.10	1		10/02/14 13:05		
Field Temperature	**17.7**	deg C	0.50	1		10/02/14 13:05		
Static Water Level	**13.02**	feet		1		10/02/14 13:05		
Field Specific Conductance	**1175**	umhos/cm	1.0	1		10/02/14 13:05		
Oxygen, Dissolved	**1.55**	mg/L		1		10/02/14 13:05	7782-44-7	
Turbidity	**1.85**	NTU	1.0	1		10/02/14 13:05		
Odor	**NONE**			1		10/02/14 13:05		
Appearance	**CLOUDY**			1		10/02/14 13:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**402**	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:36	7439-89-6	
Manganese	**841**	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:36	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:37	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**250**	mg/L	5.0	1		10/09/14 13:47		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**846**	mg/L	25.0	1		10/02/14 22:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**322**	mg/L	20.0	10		10/14/14 23:22	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**69.8**	mg/L	3.0	3		10/15/14 18:14	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW12D **Lab ID: 92219821004** Collected: 10/02/14 13:15 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:15		
Field pH	**6.4**	Std. Units	0.10	1		10/02/14 13:15		
Field Temperature	**17.2**	deg C	0.50	1		10/02/14 13:15		
Static Water Level	**12.51**	feet		1		10/02/14 13:15		
Field Specific Conductance	**638**	umhos/cm	1.0	1		10/02/14 13:15		
Oxygen, Dissolved	**1.50**	mg/L		1		10/02/14 13:15	7782-44-7	
Turbidity	**2.52**	NTU	1.0	1		10/02/14 13:15		
Odor	**NONE**			1		10/02/14 13:15		
Appearance	**CLOUDY**			1		10/02/14 13:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**273**	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:39	7439-89-6	
Manganese	**151**	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:39	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:40	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**164**	mg/L	5.0	1		10/09/14 14:03		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**443**	mg/L	25.0	1		10/02/14 22:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**139**	mg/L	20.0	10		10/15/14 14:44	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**28.0**	mg/L	1.0	1		10/15/14 18:09	16887-00-6	

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Asheville, NC 28804
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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW14 **Lab ID: 92219821005** Collected: 10/02/14 12:35 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 12:35		
Field pH	**6.5**	Std. Units	0.10	1		10/02/14 12:35		
Field Temperature	**15.0**	deg C	0.50	1		10/02/14 12:35		
Static Water Level	**31.11**	feet		1		10/02/14 12:35		
Field Specific Conductance	**211**	umhos/cm	1.0	1		10/02/14 12:35		
Oxygen, Dissolved	**6.50**	mg/L		1		10/02/14 12:35	7782-44-7	
Turbidity	**12.9**	NTU	1.0	1		10/02/14 12:35		
Alkalinity, Total as CaCO3	**12.9**	mg/L	1.0	1		10/02/14 12:35		
Odor	**NONE**			1		10/02/14 12:35		
Appearance	**CLOUDY**			1		10/02/14 12:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**2300**	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:42	7439-89-6	
Manganese	**18.7**	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:42	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:50	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**70.9**	mg/L	5.0	1		10/09/14 14:16		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**197**	mg/L	25.0	1		10/02/14 22:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**27.7**	mg/L	2.0	1		10/14/14 23:49	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.5**	mg/L	1.0	1		10/15/14 18:10	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW14D **Lab ID: 92219821006** Collected: 10/02/14 12:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 12:45		
Field pH	**7.1**	Std. Units	0.10	1		10/02/14 12:45		
Field Temperature	**13.9**	deg C	0.50	1		10/02/14 12:45		
Static Water Level	**30.99**	feet		1		10/02/14 12:45		
Field Specific Conductance	**272**	umhos/cm	1.0	1		10/02/14 12:45		
Oxygen, Dissolved	**8.98**	mg/L		1		10/02/14 12:45	7782-44-7	
Turbidity	**1.35**	NTU	1.0	1		10/02/14 12:45		
Odor	**NONE**			1		10/02/14 12:45		
Appearance	**CLEAR**			1		10/02/14 12:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	ND	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:55	7439-89-6	
Manganese	ND	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:55	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:53	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**126**	mg/L	5.0	1		10/09/14 14:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**188**	mg/L	25.0	1		10/02/14 22:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**16.9**	mg/L	2.0	1		10/15/14 00:30	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**1.9**	mg/L	1.0	1		10/15/14 18:11	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW15S **Lab ID: 92219821007** Collected: 10/02/14 13:35 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:35		
Field pH	**6.0**	Std. Units	0.10	1		10/02/14 13:35		
Field Temperature	**17.6**	deg C	0.50	1		10/02/14 13:35		
Static Water Level	**22.43**	feet		1		10/02/14 13:35		
Field Specific Conductance	**325**	umhos/cm	1.0	1		10/02/14 13:35		
Oxygen, Dissolved	**2.81**	mg/L		1		10/02/14 13:35	7782-44-7	
Turbidity	**7.23**	NTU	1.0	1		10/02/14 13:35		
Odor	**NONE**			1		10/02/14 13:35		
Appearance	**CLOUDY**			1		10/02/14 13:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**2100**	ug/L	50.0	1	10/03/14 16:20	10/07/14 17:58	7439-89-6	
Manganese	**5690**	ug/L	5.0	1	10/03/14 16:20	10/07/14 17:58	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:56	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**119**	mg/L	5.0	1		10/09/14 14:39		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**193**	mg/L	25.0	1		10/02/14 22:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**31.0**	mg/L	2.0	1		10/15/14 00:43	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**10.7**	mg/L	1.0	1		10/15/14 18:13	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Sample: 1107-MW15D **Lab ID: 92219821008** Collected: 10/02/14 13:45 Received: 10/02/14 16:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/02/14 13:45		
Field pH	**6.4**	Std. Units	0.10	1		10/02/14 13:45		
Field Temperature	**16.1**	deg C	0.50	1		10/02/14 13:45		
Static Water Level	**26.92**	feet		1		10/02/14 13:45		
Field Specific Conductance	**472**	umhos/cm	1.0	1		10/02/14 13:45		
Oxygen, Dissolved	**2.68**	mg/L		1		10/02/14 13:45	7782-44-7	
Turbidity	**4.12**	NTU	1.0	1		10/02/14 13:45		
Odor	**NONE**			1		10/02/14 13:45		
Appearance	**CLEAR**			1		10/02/14 13:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**810**	ug/L	50.0	1	10/03/14 16:20	10/07/14 18:01	7439-89-6	
Manganese	**394**	ug/L	5.0	1	10/03/14 16:20	10/07/14 18:01	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	10/03/14 14:40	10/08/14 16:58	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**177**	mg/L	5.0	1		10/09/14 14:52		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**324**	mg/L	25.0	1		10/02/14 22:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**66.3**	mg/L	10.0	5		10/15/14 00:57	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**11.8**	mg/L	1.0	1		10/15/14 18:14	16887-00-6	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

QC Batch: MERP/7137 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

METHOD BLANK: 1299044 Matrix: Water
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	10/08/14 15:44	

LABORATORY CONTROL SAMPLE: 1299045

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.3	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1299046 1299047

Parameter	Units	92219369004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Mercury	ug/L	<0.10	2.5	2.5	0.97	0.87	39	35	75-125	11	M1

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

QC Batch: MPRP/17041 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

METHOD BLANK: 1299549 | Matrix: Water
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	10/07/14 17:18	
Manganese	ug/L	ND	5.0	10/07/14 17:18	

LABORATORY CONTROL SAMPLE: 1299550

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4840	97	80-120	
Manganese	ug/L	500	492	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1299551 1299552

Parameter	Units	92219821001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	3890	5000	5000	8690	8920	96	101	75-125	3	
Manganese	ug/L	45.6	500	500	534	540	98	99	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

QC Batch: WET/33639 Analysis Method: SM 2320B
QC Batch Method: SM 2320B Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

METHOD BLANK: 1303103 Matrix: Water
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	10/09/14 12:36	

LABORATORY CONTROL SAMPLE: 1303104

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.2	102	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1303105 1303106

Parameter	Units	92219821001 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	50.8	50	50	100	98.6	99	96	90-110	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

QC Batch: WET/33523 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

METHOD BLANK: 1298900 Matrix: Water
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	10/02/14 22:53	

LABORATORY CONTROL SAMPLE: 1298901

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	250	100	90-110	

SAMPLE DUPLICATE: 1298902

Parameter	Units	92219821001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	132	131	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

QC Batch: WETA/20545 — Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 — Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

METHOD BLANK: 1306791 — Matrix: Water
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	2.0	10/14/14 21:47	

LABORATORY CONTROL SAMPLE: 1306792

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: 1306793 — 1306794

Parameter	Units	92219722001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	507	20	20	493	488	-69	-94	90-110	1	M6

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1306795 — 1306796

Parameter	Units	92220109002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	30.5	20	20	48.0	48.4	87	90	90-110	1	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

QC Batch: WETA/20555 | Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E | Analysis Description: 4500 Chloride
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

METHOD BLANK: 1307841 | Matrix: Water
Associated Lab Samples: 92219821001, 92219821002, 92219821003, 92219821004, 92219821005, 92219821006, 92219821007, 92219821008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	10/15/14 18:04	

LABORATORY CONTROL SAMPLE: 1307842

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.2	106	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1307843 1307844

Parameter	Units	92219821001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	5.6	20	20	26.8	26.4	106	104	90-110	2	

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QUALIFIERS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

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.

PQL - Practical Quantitation 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.

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

TNI - The NELAC Institute.

LABORATORIES

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

ANALYTE QUALIFIERS

M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
M6	Matrix spike and Matrix spike duplicate recovery not evaluated against control limits due to sample dilution.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92219821001	**1107-MW1**		FLD/		
92219821002	**1107-MW1D**		FLD/		
92219821003	**1107-MW12**		FLD/		
92219821004	**1107-MW12D**		FLD/		
92219821005	**1107-MW14**		FLD/		
92219821006	**1107-MW14D**		FLD/		
92219821007	**1107-MW15S**		FLD/		
92219821008	**1107-MW15D**		FLD/		
92219821001	**1107-MW1**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821002	**1107-MW1D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821003	**1107-MW12**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821004	**1107-MW12D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821005	**1107-MW14**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821006	**1107-MW14D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821007	**1107-MW15S**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821008	**1107-MW15D**	EPA 3010	MPRP/17041	EPA 6010	ICP/15367
92219821001	**1107-MW1**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821002	**1107-MW1D**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821003	**1107-MW12**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821004	**1107-MW12D**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821005	**1107-MW14**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821006	**1107-MW14D**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821007	**1107-MW15S**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821008	**1107-MW15D**	EPA 7470	MERP/7137	EPA 7470	MERC/6867
92219821001	**1107-MW1**	SM 2320B	WET/33639		
92219821002	**1107-MW1D**	SM 2320B	WET/33639		
92219821003	**1107-MW12**	SM 2320B	WET/33639		
92219821004	**1107-MW12D**	SM 2320B	WET/33639		
92219821005	**1107-MW14**	SM 2320B	WET/33639		
92219821006	**1107-MW14D**	SM 2320B	WET/33639		
92219821007	**1107-MW15S**	SM 2320B	WET/33639		
92219821008	**1107-MW15D**	SM 2320B	WET/33639		
92219821001	**1107-MW1**	SM 2540C	WET/33523		
92219821002	**1107-MW1D**	SM 2540C	WET/33523		
92219821003	**1107-MW12**	SM 2540C	WET/33523		
92219821004	**1107-MW12D**	SM 2540C	WET/33523		
92219821005	**1107-MW14**	SM 2540C	WET/33523		
92219821006	**1107-MW14D**	SM 2540C	WET/33523		
92219821007	**1107-MW15S**	SM 2540C	WET/33523		
92219821008	**1107-MW15D**	SM 2540C	WET/33523		
92219821001	**1107-MW1**	EPA 300.0	WETA/20545		
92219821002	**1107-MW1D**	EPA 300.0	WETA/20545		
92219821003	**1107-MW12**	EPA 300.0	WETA/20545		
92219821004	**1107-MW12D**	EPA 300.0	WETA/20545		
92219821005	**1107-MW14**	EPA 300.0	WETA/20545		
92219821006	**1107-MW14D**	EPA 300.0	WETA/20545		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92219821

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92219821007	**1107-MW15S**	EPA 300.0	WETA/20545		
92219821008	**1107-MW15D**	EPA 300.0	WETA/20545		
92219821001	**1107-MW1**	SM 4500-Cl-E	WETA/20555		
92219821002	**1107-MW1D**	SM 4500-Cl-E	WETA/20555		
92219821003	**1107-MW12**	SM 4500-Cl-E	WETA/20555		
92219821004	**1107-MW12D**	SM 4500-Cl-E	WETA/20555		
92219821005	**1107-MW14**	SM 4500-Cl-E	WETA/20555		
92219821006	**1107-MW14D**	SM 4500-Cl-E	WETA/20555		
92219821007	**1107-MW15S**	SM 4500-Cl-E	WETA/20555		
92219821008	**1107-MW15D**	SM 4500-Cl-E	WETA/20555		

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Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Buncombe

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KDB 10/2/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: JJ Date: 10/2/14

SRF Review: JJ Date: 10/3/14

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# : 92219821

92219821

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1808496

Section A Required Client Information:

Company: Buncombe SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: CAD 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

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	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)	Fe + Dissolved	TDS	Alk Cl	SOC	Meth 11	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					10-2-14	955		4	3		1							X	X	X	X	X		92219821
2	MW-1D					10-2	1015		4	3		1							X	X	X	X	X		2
3	MW-12					10-2	1305		4	3		1							X	X	X	X	X		3
4	MW-12D					10-2	1315		4	3		1							X	X	X	X	X		4
5	MW-14					10-2	1235		4	3		1							X	X	X	X	X		5
6	MW-14D					10-2	1245		4	3		1							X	X	X	X	X		6
7	MW 15S					10-2	1335		4	3		1							X	X	X	X	X		7
8	MW-15d					10-2	1345		4	3		1							X	X	X	X	X		8
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-2-14	1350	[signature]	10-2-2014	1350				
	[signature] Cass	10-2-14	1630	[signature]	10/2/14	16:30	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] Cass

DATE Signed (MM/DD/YY): 10-2-14

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

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

3

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 Buncombe Co C&D Mw's. They wanted DO on the C&D wells

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~ DO	~~DO~~	Comments
10-2-14	955	MW-1	MW1	66.42	6.6	14.1	162	8.01	7.6		CLEAR to CLOUDY NO ODOR
	1015	MW-1D		68.54	6.8	14.4	121	4.67	7.4		CLEAR NO ODOR
	1305	MW-12		13.02	6.2	17.7	1175	1.85	1.55		CLEAR to CLOUDY NO ODOR
	1315	MW-12D		12.51	6.4	17.2	638	2.52	1.50		CLEAR to CLOUDY NO ODOR
	1235	MW-14		31.11	6.5	15.0	211	12.9	6.50		CLEAR to CLOUDY NO ODOR
	1245	MW-14D		30.99	7.1	13.9	272	1.35	8.98		CLEAR NO ODOR
	1335	MW-15s		22.43	6.0	17.6	325	7.23	2.81		CLEAR to CLOUDY NO ODOR
	1345	MW 15d		26.92	6.4	16.1	472	4.12	2.68		CLEAR NO ODOR

3

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

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	1335	MW-15s		22.43	6.0	17.6	325	7.23	2.81		CLEAR to CLOUDY NO ODOR
	1345	MW 15d		26.92	6.4	16.1	472	4.12	2.68		CLEAR NO ODOR

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Buncombe

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KDB 10/2/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: JJ Date: 10/2/14

SRF Review: JJ Date: 10/3/14

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# : 92219821

92219821

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

October 28, 2014

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

RE: Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between October 03, 2014 and October 09, 2014. 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,

Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Mr. Ken Guilbeault, SCS Engineers

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

CERTIFICATIONS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

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 Drive, 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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Asheville, NC 28804
(828)254-7176

SAMPLE ANALYTE COUNT

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92219971001	**1107-LD1**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971002	**1107-LD2**	EPA 6010	SH1	15	PASI-A
92219971003	**1107-LD3**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971004	**1107-LD4**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971005	**1107-LD5**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971006	**1107-LD6**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971007	**1107-LEACHATE LD**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971008	**1107-EQUIP BLANK**	EPA 6010	SH1	15	PASI-A
		EPA 8260	JDW1	52	PASI-C
92219971009	**1107-TRIP BLANK**	EPA 8260	JDW1	52	PASI-C
92219971010	**1107-LD2**	EPA 8260	GAW	52	PASI-C

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

ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD1 **Lab ID: 92219971001** Collected: 10/03/14 12:45 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**92219972**			1		10/03/14 12:45		
Field pH	**5.6**	Std. Units	0.10	1		10/03/14 12:45		
Field Temperature	**17.2**	deg C	0.50	1		10/03/14 12:45		
Field Specific Conductance	**209**	umhos/cm	1.0	1		10/03/14 12:45		
Turbidity	**1.59**	NTU	1.0	1		10/03/14 12:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 22:48	7440-38-2	
Barium	**69.7**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 22:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 22:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-47-3	
Cobalt	**114**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-48-4	
Copper	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7439-92-1	
Nickel	**42.8**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 22:48	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 22:48	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:48	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 22:48	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 16:57	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 16:57	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 16:57	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 16:57	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 16:57	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 16:57	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 16:57	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 16:57	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 16:57	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 16:57	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 16:57	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 16:57	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 16:57	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 16:57	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 16:57	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 16:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 16:57	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 16:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 16:57	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 16:57	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 16:57	110-57-6	
1,1-Dichloroethane	**1.7**	ug/L	1.0	1		10/09/14 16:57	75-34-3	

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

ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD1 **Lab ID: 92219971001** Collected: 10/03/14 12:45 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 16:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 16:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 16:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 16:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 16:57	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 16:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 16:57	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 16:57	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/09/14 16:57	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 16:57	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 16:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/09/14 16:57	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 16:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 16:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 16:57	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 16:57	127-18-4	
Toluene	ND	ug/L	1.0	1		10/09/14 16:57	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 16:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 16:57	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 16:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 16:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 16:57	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 16:57	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/09/14 16:57	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 16:57	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 16:57	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 16:57	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	99	%	70-130	1		10/09/14 16:57	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		10/09/14 16:57	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/09/14 16:57	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD2 **Lab ID: 92219971002** Collected: 10/03/14 11:50 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**92219972**			1		10/03/14 11:50		
Field pH	**5.8**	Std. Units	0.10	1		10/03/14 11:50		
Field Temperature	**18.6**	deg C	0.50	1		10/03/14 11:50		
Field Specific Conductance	**329**	umhos/cm	1.0	1		10/03/14 11:50		
Turbidity	**4.76**	NTU	1.0	1		10/03/14 11:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**5.2**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 22:57	7440-38-2	
Barium	**141**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 22:57	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 22:57	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-47-3	
Cobalt	**43.5**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-48-4	
Copper	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7439-92-1	
Nickel	**15.3**	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 22:57	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 22:57	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 22:57	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 22:57	7440-66-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD3 **Lab ID: 92219971003** Collected: 10/03/14 13:15 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/03/14 13:15		
Field pH	**6.3**	Std. Units	0.10	1		10/03/14 13:15		
Field Temperature	**16.4**	deg C	0.50	1		10/03/14 13:15		
Field Specific Conductance	**508**	umhos/cm	1.0	1		10/03/14 13:15		
Turbidity	**11.4**	NTU	1.0	1		10/03/14 13:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**5.3**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:00	7440-38-2	
Barium	**201**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:00	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:00	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-47-3	
Cobalt	**6.3**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-48-4	
Copper	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:00	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 23:00	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:00	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:00	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 17:13	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 17:13	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 17:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 17:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 17:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 17:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 17:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 17:13	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 17:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 17:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 17:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 17:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 17:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 17:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 17:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 17:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 17:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 17:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 17:13	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 17:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 17:13	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/09/14 17:13	75-34-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD3 **Lab ID: 92219971003** Collected: 10/03/14 13:15 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 17:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 17:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 17:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 17:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 17:13	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/09/14 17:13	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 17:13	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 17:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/09/14 17:13	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 17:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 17:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 17:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 17:13	127-18-4	
Toluene	**1.0**	ug/L	1.0	1		10/09/14 17:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 17:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 17:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 17:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 17:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 17:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 17:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/09/14 17:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 17:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 17:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 17:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/09/14 17:13	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-130	1		10/09/14 17:13	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/09/14 17:13	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD4 **Lab ID: 92219971004** Collected: 10/03/14 13:30 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/03/14 13:30		
Field pH	**5.6**	Std. Units	0.10	1		10/03/14 13:30		
Field Temperature	**17.4**	deg C	0.50	1		10/03/14 13:30		
Field Specific Conductance	**172**	umhos/cm	1.0	1		10/03/14 13:30		
Turbidity	**2.64**	NTU	1.0	1		10/03/14 13:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**11.1**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-36-0	
Arsenic	**14.0**	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:03	7440-38-2	
Barium	**453**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:03	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:03	7440-43-9	
Chromium	**386**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-47-3	
Cobalt	**10.8**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-48-4	
Copper	**152**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7439-92-1	
Nickel	**234**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:03	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 23:03	7440-28-0	
Vanadium	**6.5**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:03	7440-62-2	
Zinc	**25.7**	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:03	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	**33.6**	ug/L	25.0	1		10/09/14 17:28	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 17:28	107-13-1	
Benzene	**2.7**	ug/L	1.0	1		10/09/14 17:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 17:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 17:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 17:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 17:28	74-83-9	
2-Butanone (MEK)	**117**	ug/L	5.0	1		10/09/14 17:28	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 17:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 17:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 17:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 17:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 17:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 17:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 17:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 17:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 17:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 17:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 17:28	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 17:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 17:28	110-57-6	
1,1-Dichloroethane	**2.1**	ug/L	1.0	1		10/09/14 17:28	75-34-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD4 **Lab ID: 92219971004** Collected: 10/03/14 13:30 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 17:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 17:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 17:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 17:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 17:28	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/09/14 17:28	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 17:28	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 17:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	**11.2**	ug/L	5.0	1		10/09/14 17:28	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 17:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 17:28	127-18-4	
Toluene	**1.1**	ug/L	1.0	1		10/09/14 17:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 17:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 17:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 17:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 17:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 17:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 17:28	108-05-4	
Vinyl chloride	**1.7**	ug/L	1.0	1		10/09/14 17:28	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 17:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 17:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 17:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/09/14 17:28	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/09/14 17:28	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		10/09/14 17:28	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD5 **Lab ID: 92219971005** Collected: 10/03/14 11:00 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/03/14 11:00		
Field pH	**6.1**	Std. Units	0.10	1		10/03/14 11:00		
Field Temperature	**19.8**	deg C	0.50	1		10/03/14 11:00		
Field Specific Conductance	**760**	umhos/cm	1.0	1		10/03/14 11:00		
Turbidity	**7.24**	NTU	1.0	1		10/03/14 11:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**15.8**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:07	7440-38-2	
Barium	**339**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:07	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:07	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-47-3	
Cobalt	**146**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-48-4	
Copper	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7439-92-1	
Nickel	**39.7**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:07	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 23:07	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:07	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:07	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 17:44	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 17:44	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 17:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 17:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 17:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 17:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 17:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 17:44	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 17:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 17:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 17:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 17:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 17:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 17:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 17:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 17:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 17:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 17:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 17:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 17:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 17:44	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/09/14 17:44	75-34-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD5 **Lab ID: 92219971005** Collected: 10/03/14 11:00 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 17:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 17:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 17:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 17:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 17:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 17:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/09/14 17:44	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 17:44	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 17:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/09/14 17:44	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 17:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 17:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 17:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 17:44	127-18-4	
Toluene	ND	ug/L	1.0	1		10/09/14 17:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 17:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 17:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 17:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 17:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 17:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 17:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/09/14 17:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 17:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 17:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 17:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/09/14 17:44	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/09/14 17:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/09/14 17:44	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD6 **Lab ID: 92219971006** Collected: 10/03/14 13:50 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/03/14 13:50		
Field pH	**6.3**	Std. Units	0.10	1		10/03/14 13:50		
Field Temperature	**18.7**	deg C	0.50	1		10/03/14 13:50		
Field Specific Conductance	**682**	umhos/cm	1.0	1		10/03/14 13:50		
Turbidity	**5.22**	NTU	1.0	1		10/03/14 13:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	**9.3**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:10	7440-38-2	
Barium	**403**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:10	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:10	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-47-3	
Cobalt	**59.9**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-48-4	
Copper	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7439-92-1	
Nickel	**5.0**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:10	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 23:10	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:10	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:10	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 18:00	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 18:00	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 18:00	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 18:00	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 18:00	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 18:00	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 18:00	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 18:00	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 18:00	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 18:00	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 18:00	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 18:00	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 18:00	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 18:00	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 18:00	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 18:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 18:00	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 18:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:00	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:00	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 18:00	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:00	75-34-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD6 **Lab ID: 92219971006** Collected: 10/03/14 13:50 Received: 10/03/14 15:30 Matrix: Water

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

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LEACHATE LD **Lab ID: 92219971007** Collected: 10/03/14 11:40 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		10/03/14 11:40		
Field pH	**4.4**	Std. Units	0.10	1		10/03/14 11:40		
Field Temperature	**18.1**	deg C	0.50	1		10/03/14 11:40		
Field Specific Conductance	**757**	umhos/cm	1.0	1		10/03/14 11:40		
Turbidity	**0.64**	NTU	1.0	1		10/03/14 11:40		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-36-0	
Arsenic	**32.7**	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:13	7440-38-2	
Barium	**28.9**	ug/L	25.0	5	10/06/14 15:55	10/09/14 14:30	7440-39-3	
Beryllium	ND	ug/L	5.0	5	10/06/14 15:55	10/09/14 14:30	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:13	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-47-3	
Cobalt	**130**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-48-4	
Copper	**43.2**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7439-92-1	
Nickel	**749**	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:13	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 23:13	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:13	7440-62-2	
Zinc	**284**	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:13	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 18:15	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 18:15	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 18:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 18:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 18:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 18:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 18:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 18:15	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 18:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 18:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 18:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 18:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 18:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 18:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 18:15	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 18:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 18:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:15	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 18:15	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:15	75-34-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LEACHATE LD **Lab ID: 92219971007** Collected: 10/03/14 11:40 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 18:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 18:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 18:15	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/09/14 18:15	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 18:15	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/09/14 18:15	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 18:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 18:15	127-18-4	
Toluene	ND	ug/L	1.0	1		10/09/14 18:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 18:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 18:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 18:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 18:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 18:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 18:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/09/14 18:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 18:15	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 18:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 18:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/09/14 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		10/09/14 18:15	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		10/09/14 18:15	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-EQUIP BLANK **Lab ID: 92219971008** Collected: 10/01/14 00:00 Received: 10/03/14 15:30 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	10/06/14 15:55	10/08/14 23:16	7440-36-0	
Arsenic	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:16	7440-38-2	
Barium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-39-3	
Beryllium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:16	7440-41-7	
Cadmium	ND	ug/L	1.0	1	10/06/14 15:55	10/08/14 23:16	7440-43-9	
Chromium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-47-3	
Cobalt	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-48-4	
Copper	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-50-8	
Lead	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7439-92-1	
Nickel	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-02-0	
Selenium	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:16	7782-49-2	
Silver	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-22-4	
Thallium	ND	ug/L	5.4	1	10/06/14 15:55	10/08/14 23:16	7440-28-0	
Vanadium	ND	ug/L	5.0	1	10/06/14 15:55	10/08/14 23:16	7440-62-2	
Zinc	ND	ug/L	10.0	1	10/06/14 15:55	10/08/14 23:16	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 18:31	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 18:31	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 18:31	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 18:31	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 18:31	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 18:31	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 18:31	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 18:31	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 18:31	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 18:31	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 18:31	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 18:31	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 18:31	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 18:31	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 18:31	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 18:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 18:31	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 18:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:31	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:31	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 18:31	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:31	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:31	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:31	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 18:31	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 18:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 18:31	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 18:31	100-41-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-EQUIP BLANK **Lab ID: 92219971008** Collected: 10/01/14 00:00 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
2-Hexanone	ND	ug/L	5.0	1		10/09/14 18:31	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 18:31	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 18:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/09/14 18:31	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 18:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 18:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 18:31	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 18:31	127-18-4	
Toluene	ND	ug/L	1.0	1		10/09/14 18:31	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 18:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 18:31	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 18:31	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 18:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 18:31	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 18:31	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/09/14 18:31	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 18:31	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 18:31	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 18:31	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		10/09/14 18:31	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/09/14 18:31	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/09/14 18:31	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-TRIP BLANK **Lab ID: 92219971009** Collected: 10/01/14 00:00 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/09/14 18:46	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/09/14 18:46	107-13-1	
Benzene	ND	ug/L	1.0	1		10/09/14 18:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/09/14 18:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/09/14 18:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/09/14 18:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/09/14 18:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/09/14 18:46	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/09/14 18:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/09/14 18:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/09/14 18:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/09/14 18:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/09/14 18:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/09/14 18:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/09/14 18:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/09/14 18:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/09/14 18:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/09/14 18:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/09/14 18:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/09/14 18:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/09/14 18:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/09/14 18:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/09/14 18:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 18:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/09/14 18:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/09/14 18:46	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/09/14 18:46	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/09/14 18:46	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/09/14 18:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/09/14 18:46	108-10-1	
Styrene	ND	ug/L	1.0	1		10/09/14 18:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 18:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/09/14 18:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/09/14 18:46	127-18-4	
Toluene	ND	ug/L	1.0	1		10/09/14 18:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/09/14 18:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/09/14 18:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/09/14 18:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/09/14 18:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/09/14 18:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/09/14 18:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/09/14 18:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/09/14 18:46	1330-20-7	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-TRIP BLANK **Lab ID: 92219971009** Collected: 10/01/14 00:00 Received: 10/03/14 15:30 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/L	2.0	1		10/09/14 18:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/09/14 18:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	98	%	70-130	1		10/09/14 18:46	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		10/09/14 18:46	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		10/09/14 18:46	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD2 **Lab ID: 92219971010** Collected: 10/09/14 15:30 Received: 10/09/14 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		10/23/14 00:42	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		10/23/14 00:42	107-13-1	
Benzene	ND	ug/L	1.0	1		10/23/14 00:42	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		10/23/14 00:42	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		10/23/14 00:42	75-27-4	
Bromoform	ND	ug/L	1.0	1		10/23/14 00:42	75-25-2	
Bromomethane	ND	ug/L	2.0	1		10/23/14 00:42	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		10/23/14 00:42	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		10/23/14 00:42	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		10/23/14 00:42	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		10/23/14 00:42	108-90-7	
Chloroethane	ND	ug/L	1.0	1		10/23/14 00:42	75-00-3	
Chloroform	ND	ug/L	1.0	1		10/23/14 00:42	67-66-3	
Chloromethane	ND	ug/L	1.0	1		10/23/14 00:42	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		10/23/14 00:42	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		10/23/14 00:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		10/23/14 00:42	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		10/23/14 00:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		10/23/14 00:42	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		10/23/14 00:42	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		10/23/14 00:42	110-57-6	
1,1-Dichloroethane	**3.6**	ug/L	1.0	1		10/23/14 00:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		10/23/14 00:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		10/23/14 00:42	75-35-4	
cis-1,2-Dichloroethene	**1.3**	ug/L	1.0	1		10/23/14 00:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		10/23/14 00:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		10/23/14 00:42	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		10/23/14 00:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		10/23/14 00:42	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		10/23/14 00:42	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		10/23/14 00:42	591-78-6	
Iodomethane	ND	ug/L	5.0	1		10/23/14 00:42	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		10/23/14 00:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		10/23/14 00:42	108-10-1	
Styrene	ND	ug/L	1.0	1		10/23/14 00:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		10/23/14 00:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		10/23/14 00:42	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		10/23/14 00:42	127-18-4	
Toluene	ND	ug/L	1.0	1		10/23/14 00:42	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		10/23/14 00:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		10/23/14 00:42	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		10/23/14 00:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		10/23/14 00:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		10/23/14 00:42	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		10/23/14 00:42	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		10/23/14 00:42	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		10/23/14 00:42	1330-20-7	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Sample: 1107-LD2 **Lab ID: 92219971010** Collected: 10/09/14 15:30 Received: 10/09/14 15:50 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
m&p-Xylene	ND	ug/L	2.0	1		10/23/14 00:42	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		10/23/14 00:42	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-130	1		10/23/14 00:42	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		10/23/14 00:42	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		10/23/14 00:42	2037-26-5	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

QC Batch: MPRP/17052 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92219971001, 92219971002, 92219971003, 92219971004, 92219971005, 92219971006, 92219971007, 92219971008

METHOD BLANK: 1300430 | Matrix: Water
Associated Lab Samples: 92219971001, 92219971002, 92219971003, 92219971004, 92219971005, 92219971006, 92219971007, 92219971008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	10/08/14 22:33	
Arsenic	ug/L	ND	10.0	10/08/14 22:33	
Barium	ug/L	ND	5.0	10/08/14 22:33	
Beryllium	ug/L	ND	1.0	10/08/14 22:33	
Cadmium	ug/L	ND	1.0	10/08/14 22:33	
Chromium	ug/L	ND	5.0	10/08/14 22:33	
Cobalt	ug/L	ND	5.0	10/08/14 22:33	
Copper	ug/L	ND	5.0	10/08/14 22:33	
Lead	ug/L	ND	5.0	10/08/14 22:33	
Nickel	ug/L	ND	5.0	10/08/14 22:33	
Selenium	ug/L	ND	10.0	10/08/14 22:33	
Silver	ug/L	ND	5.0	10/08/14 22:33	
Thallium	ug/L	ND	5.4	10/08/14 22:33	
Vanadium	ug/L	ND	5.0	10/08/14 22:33	
Zinc	ug/L	ND	10.0	10/08/14 22:33	

LABORATORY CONTROL SAMPLE: 1300431

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	496	99	80-120	
Arsenic	ug/L	500	493	99	80-120	
Barium	ug/L	500	508	102	80-120	
Beryllium	ug/L	500	515	103	80-120	
Cadmium	ug/L	500	505	101	80-120	
Chromium	ug/L	500	516	103	80-120	
Cobalt	ug/L	500	491	98	80-120	
Copper	ug/L	500	499	100	80-120	
Lead	ug/L	500	496	99	80-120	
Nickel	ug/L	500	508	102	80-120	
Selenium	ug/L	500	499	100	80-120	
Silver	ug/L	250	248	99	80-120	
Thallium	ug/L	500	492	98	80-120	
Vanadium	ug/L	500	506	101	80-120	
Zinc	ug/L	500	493	99	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1300432 1300433

Parameter	Units	92219971001 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	487	501	97	100	75-125	3	
Arsenic	ug/L	ND	500	500	485	496	97	99	75-125	2	
Barium	ug/L	69.7	500	500	574	588	101	104	75-125	2	
Beryllium	ug/L	ND	500	500	511	520	102	104	75-125	2	
Cadmium	ug/L	ND	500	500	494	506	99	101	75-125	2	
Chromium	ug/L	ND	500	500	516	526	103	105	75-125	2	
Cobalt	ug/L	114	500	500	585	595	94	96	75-125	2	
Copper	ug/L	ND	500	500	500	510	99	101	75-125	2	
Lead	ug/L	ND	500	500	477	484	95	97	75-125	2	
Nickel	ug/L	42.8	500	500	535	546	98	101	75-125	2	
Selenium	ug/L	ND	500	500	480	494	96	99	75-125	3	
Silver	ug/L	ND	250	250	248	252	99	100	75-125	2	
Thallium	ug/L	ND	500	500	474	487	95	97	75-125	3	
Vanadium	ug/L	ND	500	500	502	508	100	102	75-125	1	
Zinc	ug/L	ND	500	500	487	495	96	97	75-125	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

QC Batch: MSV/28655 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92219971001, 92219971003, 92219971004, 92219971005, 92219971006, 92219971007, 92219971008, 92219971009

METHOD BLANK: 1300965 Matrix: Water
Associated Lab Samples: 92219971001, 92219971003, 92219971004, 92219971005, 92219971006, 92219971007, 92219971008, 92219971009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/09/14 16:26	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/09/14 16:26	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/09/14 16:26	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/09/14 16:26	
1,1-Dichloroethane	ug/L	ND	1.0	10/09/14 16:26	
1,1-Dichloroethene	ug/L	ND	1.0	10/09/14 16:26	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/09/14 16:26	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/09/14 16:26	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/09/14 16:26	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/09/14 16:26	
1,2-Dichloroethane	ug/L	ND	1.0	10/09/14 16:26	
1,2-Dichloropropane	ug/L	ND	1.0	10/09/14 16:26	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/09/14 16:26	
2-Butanone (MEK)	ug/L	ND	5.0	10/09/14 16:26	
2-Hexanone	ug/L	ND	5.0	10/09/14 16:26	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/09/14 16:26	
Acetone	ug/L	ND	25.0	10/09/14 16:26	
Acrylonitrile	ug/L	ND	10.0	10/09/14 16:26	
Benzene	ug/L	ND	1.0	10/09/14 16:26	
Bromochloromethane	ug/L	ND	1.0	10/09/14 16:26	
Bromodichloromethane	ug/L	ND	1.0	10/09/14 16:26	
Bromoform	ug/L	ND	1.0	10/09/14 16:26	
Bromomethane	ug/L	ND	2.0	10/09/14 16:26	
Carbon disulfide	ug/L	ND	2.0	10/09/14 16:26	
Carbon tetrachloride	ug/L	ND	1.0	10/09/14 16:26	
Chlorobenzene	ug/L	ND	1.0	10/09/14 16:26	
Chloroethane	ug/L	ND	1.0	10/09/14 16:26	
Chloroform	ug/L	ND	1.0	10/09/14 16:26	
Chloromethane	ug/L	ND	1.0	10/09/14 16:26	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/09/14 16:26	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/09/14 16:26	
Dibromochloromethane	ug/L	ND	1.0	10/09/14 16:26	
Dibromomethane	ug/L	ND	1.0	10/09/14 16:26	
Ethylbenzene	ug/L	ND	1.0	10/09/14 16:26	
Iodomethane	ug/L	ND	5.0	10/09/14 16:26	
m&p-Xylene	ug/L	ND	2.0	10/09/14 16:26	
Methylene Chloride	ug/L	ND	1.0	10/09/14 16:26	
o-Xylene	ug/L	ND	1.0	10/09/14 16:26	
Styrene	ug/L	ND	1.0	10/09/14 16:26	
Tetrachloroethene	ug/L	ND	1.0	10/09/14 16:26	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

METHOD BLANK: 1300965 Matrix: Water

Associated Lab Samples: 92219971001, 92219971003, 92219971004, 92219971005, 92219971006, 92219971007, 92219971008, 92219971009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	10/09/14 16:26	
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/09/14 16:26	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/09/14 16:26	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/09/14 16:26	
Trichloroethene	ug/L	ND	1.0	10/09/14 16:26	
Trichlorofluoromethane	ug/L	ND	1.0	10/09/14 16:26	
Vinyl acetate	ug/L	ND	2.0	10/09/14 16:26	
Vinyl chloride	ug/L	ND	1.0	10/09/14 16:26	
Xylene (Total)	ug/L	ND	2.0	10/09/14 16:26	
1,2-Dichloroethane-d4 (S)	%	101	70-130	10/09/14 16:26	
4-Bromofluorobenzene (S)	%	100	70-130	10/09/14 16:26	
Toluene-d8 (S)	%	99	70-130	10/09/14 16:26	

LABORATORY CONTROL SAMPLE: 1300966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	47.1	94	80-125	
1,1,1-Trichloroethane	ug/L	50	46.8	94	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	46.3	93	79-124	
1,1,2-Trichloroethane	ug/L	50	46.6	93	85-125	
1,1-Dichloroethane	ug/L	50	48.1	96	73-126	
1,1-Dichloroethene	ug/L	50	49.8	100	66-135	
1,2,3-Trichloropropane	ug/L	50	45.4	91	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.0	92	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	47.2	94	83-124	
1,2-Dichlorobenzene	ug/L	50	46.1	92	80-133	
1,2-Dichloroethane	ug/L	50	45.0	90	67-128	
1,2-Dichloropropane	ug/L	50	46.0	92	75-132	
1,4-Dichlorobenzene	ug/L	50	46.5	93	78-130	
2-Butanone (MEK)	ug/L	100	88.7	89	61-144	
2-Hexanone	ug/L	100	95.5	95	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.8	97	72-135	
Acetone	ug/L	100	86.6	87	48-146	
Acrylonitrile	ug/L	250	239	96	40-160	
Benzene	ug/L	50	45.0	90	80-125	
Bromochloromethane	ug/L	50	48.7	97	71-125	
Bromodichloromethane	ug/L	50	47.1	94	78-124	
Bromoform	ug/L	50	49.6	99	71-128	
Bromomethane	ug/L	50	47.4	95	40-160	
Carbon disulfide	ug/L	50	46.6	93	50-160	
Carbon tetrachloride	ug/L	50	47.8	96	69-131	
Chlorobenzene	ug/L	50	46.9	94	81-122	
Chloroethane	ug/L	50	43.0	86	39-148	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

LABORATORY CONTROL SAMPLE: 1300966

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/L	50	47.1	94	73-127	
Chloromethane	ug/L	50	41.5	83	44-146	
cis-1,2-Dichloroethene	ug/L	50	48.6	97	74-124	
cis-1,3-Dichloropropene	ug/L	50	46.4	93	72-132	
Dibromochloromethane	ug/L	50	50.3	101	78-125	
Dibromomethane	ug/L	50	47.1	94	82-120	
Ethylbenzene	ug/L	50	45.8	92	79-121	
Iodomethane	ug/L	100	87.3	87	39-154	
m&p-Xylene	ug/L	100	90.8	91	81-124	
Methylene Chloride	ug/L	50	51.4	103	64-133	
o-Xylene	ug/L	50	44.5	89	79-131	
Styrene	ug/L	50	47.2	94	84-126	
Tetrachloroethene	ug/L	50	46.1	92	78-122	
Toluene	ug/L	50	45.6	91	80-121	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	71-127	
trans-1,3-Dichloropropene	ug/L	50	47.3	95	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	47.0	94	40-160	
Trichloroethene	ug/L	50	43.8	88	78-122	
Trichlorofluoromethane	ug/L	50	43.2	86	53-137	
Vinyl acetate	ug/L	100	96.3	96	40-160	
Vinyl chloride	ug/L	50	44.0	88	58-137	
Xylene (Total)	ug/L	150	135	90	81-126	
1,2-Dichloroethane-d4 (S)	%			98	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 1303287

Parameter	Units	92219972003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	19.1	95	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	20.5	102	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	19.2	96	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	19.3	97	70-130	
1,1-Dichloroethane	ug/L	ND	20	20.8	104	70-130	
1,1-Dichloroethene	ug/L	ND	20	21.3	107	70-166	
1,2,3-Trichloropropane	ug/L	ND	20	19.5	97	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.6	98	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	19.4	97	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	19.2	96	70-130	
1,2-Dichloroethane	ug/L	ND	20	18.7	94	70-130	
1,2-Dichloropropane	ug/L	ND	20	19.6	98	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	19.6	98	70-130	
2-Butanone (MEK)	ug/L	ND	40	37.8	95	70-130	
2-Hexanone	ug/L	ND	40	42.7	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	43.3	107	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

MATRIX SPIKE SAMPLE: 1303287

Parameter	Units	92219972003 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Acetone	ug/L	ND	40	37.2	83	70-130	
Acrylonitrile	ug/L	ND	100	100	100	70-130	
Benzene	ug/L	ND	20	19.6	98	70-148	
Bromochloromethane	ug/L	ND	20	20.2	101	70-130	
Bromodichloromethane	ug/L	ND	20	19.5	98	70-130	
Bromoform	ug/L	ND	20	19.1	95	70-130	
Bromomethane	ug/L	ND	20	20.4	102	70-130	
Carbon disulfide	ug/L	ND	20	20.6	103	70-130	
Carbon tetrachloride	ug/L	ND	20	20.6	103	70-130	
Chlorobenzene	ug/L	ND	20	19.6	98	70-146	
Chloroethane	ug/L	ND	20	19.7	99	70-130	
Chloroform	ug/L	ND	20	19.9	99	70-130	
Chloromethane	ug/L	ND	20	17.5	88	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	21.1	105	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	19.2	96	70-130	
Dibromochloromethane	ug/L	ND	20	19.4	97	70-130	
Dibromomethane	ug/L	ND	20	19.8	99	70-130	
Ethylbenzene	ug/L	ND	20	19.5	98	70-130	
Iodomethane	ug/L	ND	40	37.3	93	70-130	
m&p-Xylene	ug/L	ND	40	39.2	98	70-130	
Methylene Chloride	ug/L	ND	20	19.9	100	70-130	
o-Xylene	ug/L	ND	20	18.8	94	70-130	
Styrene	ug/L	ND	20	19.6	98	70-130	
Tetrachloroethene	ug/L	ND	20	19.7	99	70-130	
Toluene	ug/L	ND	20	19.8	99	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	21.1	106	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	19.5	97	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	19.3	97	70-130	
Trichloroethene	ug/L	ND	20	19.1	96	69-151	
Trichlorofluoromethane	ug/L	ND	20	19.4	97	70-130	
Vinyl acetate	ug/L	ND	40	40.1	100	70-130	
Vinyl chloride	ug/L	ND	20	19.2	96	70-130	
1,2-Dichloroethane-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				98	70-130	
Toluene-d8 (S)	%				101	70-130	

SAMPLE DUPLICATE: 1303288

Parameter	Units	92219972004 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		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

SAMPLE DUPLICATE: 1303288

Parameter	Units	92219972004 Result	Dup Result	RPD	Qualifiers
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
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)	%	103	103	1	
4-Bromofluorobenzene (S)	%	98	99	1	
Toluene-d8 (S)	%	98	99	1	

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Asheville, NC 28804
(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

QC Batch: MSV/28837 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92219971010

METHOD BLANK: 1311056 | Matrix: Water
Associated Lab Samples: 92219971010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	10/22/14 23:54	
1,1,1-Trichloroethane	ug/L	ND	1.0	10/22/14 23:54	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	10/22/14 23:54	
1,1,2-Trichloroethane	ug/L	ND	1.0	10/22/14 23:54	
1,1-Dichloroethane	ug/L	ND	1.0	10/22/14 23:54	
1,1-Dichloroethene	ug/L	ND	1.0	10/22/14 23:54	
1,2,3-Trichloropropane	ug/L	ND	1.0	10/22/14 23:54	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	10/22/14 23:54	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	10/22/14 23:54	
1,2-Dichlorobenzene	ug/L	ND	1.0	10/22/14 23:54	
1,2-Dichloroethane	ug/L	ND	1.0	10/22/14 23:54	
1,2-Dichloropropane	ug/L	ND	1.0	10/22/14 23:54	
1,4-Dichlorobenzene	ug/L	ND	1.0	10/22/14 23:54	
2-Butanone (MEK)	ug/L	ND	5.0	10/22/14 23:54	
2-Hexanone	ug/L	ND	5.0	10/22/14 23:54	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	10/22/14 23:54	
Acetone	ug/L	ND	25.0	10/22/14 23:54	
Acrylonitrile	ug/L	ND	10.0	10/22/14 23:54	
Benzene	ug/L	ND	1.0	10/22/14 23:54	
Bromochloromethane	ug/L	ND	1.0	10/22/14 23:54	
Bromodichloromethane	ug/L	ND	1.0	10/22/14 23:54	
Bromoform	ug/L	ND	1.0	10/22/14 23:54	
Bromomethane	ug/L	ND	2.0	10/22/14 23:54	
Carbon disulfide	ug/L	ND	2.0	10/22/14 23:54	
Carbon tetrachloride	ug/L	ND	1.0	10/22/14 23:54	
Chlorobenzene	ug/L	ND	1.0	10/22/14 23:54	
Chloroethane	ug/L	ND	1.0	10/22/14 23:54	
Chloroform	ug/L	ND	1.0	10/22/14 23:54	
Chloromethane	ug/L	ND	1.0	10/22/14 23:54	
cis-1,2-Dichloroethene	ug/L	ND	1.0	10/22/14 23:54	
cis-1,3-Dichloropropene	ug/L	ND	1.0	10/22/14 23:54	
Dibromochloromethane	ug/L	ND	1.0	10/22/14 23:54	
Dibromomethane	ug/L	ND	1.0	10/22/14 23:54	
Ethylbenzene	ug/L	ND	1.0	10/22/14 23:54	
Iodomethane	ug/L	ND	5.0	10/22/14 23:54	
m&p-Xylene	ug/L	ND	2.0	10/22/14 23:54	
Methylene Chloride	ug/L	ND	1.0	10/22/14 23:54	
o-Xylene	ug/L	ND	1.0	10/22/14 23:54	
Styrene	ug/L	ND	1.0	10/22/14 23:54	
Tetrachloroethene	ug/L	ND	1.0	10/22/14 23:54	
Toluene	ug/L	ND	1.0	10/22/14 23:54	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

METHOD BLANK: 1311056 Matrix: Water
Associated Lab Samples: 92219971010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	10/22/14 23:54	
trans-1,3-Dichloropropene	ug/L	ND	1.0	10/22/14 23:54	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	10/22/14 23:54	
Trichloroethene	ug/L	ND	1.0	10/22/14 23:54	
Trichlorofluoromethane	ug/L	ND	1.0	10/22/14 23:54	
Vinyl acetate	ug/L	ND	2.0	10/22/14 23:54	
Vinyl chloride	ug/L	ND	1.0	10/22/14 23:54	
Xylene (Total)	ug/L	ND	2.0	10/22/14 23:54	
1,2-Dichloroethane-d4 (S)	%	99	70-130	10/22/14 23:54	
4-Bromofluorobenzene (S)	%	96	70-130	10/22/14 23:54	
Toluene-d8 (S)	%	97	70-130	10/22/14 23:54	

LABORATORY CONTROL SAMPLE: 1311057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.4	97	80-125	
1,1,1-Trichloroethane	ug/L	50	50.2	100	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.4	99	79-124	
1,1,2-Trichloroethane	ug/L	50	48.6	97	85-125	
1,1-Dichloroethane	ug/L	50	53.6	107	73-126	
1,1-Dichloroethene	ug/L	50	58.0	116	66-135	
1,2,3-Trichloropropane	ug/L	50	51.2	102	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	52.9	106	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	51.3	103	83-124	
1,2-Dichlorobenzene	ug/L	50	48.9	98	80-133	
1,2-Dichloroethane	ug/L	50	50.2	100	67-128	
1,2-Dichloropropane	ug/L	50	49.5	99	75-132	
1,4-Dichlorobenzene	ug/L	50	49.0	98	78-130	
2-Butanone (MEK)	ug/L	100	113	113	61-144	
2-Hexanone	ug/L	100	106	106	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	106	106	72-135	
Acetone	ug/L	100	102	102	48-146	
Acrylonitrile	ug/L	250	264	105	40-160	
Benzene	ug/L	50	49.1	98	80-125	
Bromochloromethane	ug/L	50	49.4	99	71-125	
Bromodichloromethane	ug/L	50	49.2	98	78-124	
Bromoform	ug/L	50	51.5	103	71-128	
Bromomethane	ug/L	50	48.0	96	40-160	
Carbon disulfide	ug/L	50	56.3	113	50-160	
Carbon tetrachloride	ug/L	50	51.9	104	69-131	
Chlorobenzene	ug/L	50	49.2	98	81-122	
Chloroethane	ug/L	50	51.8	104	39-148	
Chloroform	ug/L	50	49.3	99	73-127	
Chloromethane	ug/L	50	47.4	95	44-146	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

LABORATORY CONTROL SAMPLE: 1311057

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	52.6	105	74-124	
cis-1,3-Dichloropropene	ug/L	50	48.3	97	72-132	
Dibromochloromethane	ug/L	50	52.3	105	78-125	
Dibromomethane	ug/L	50	51.0	102	82-120	
Ethylbenzene	ug/L	50	47.5	95	79-121	
Iodomethane	ug/L	100	103	103	39-154	
m&p-Xylene	ug/L	100	94.9	95	81-124	
Methylene Chloride	ug/L	50	54.6	109	64-133	
o-Xylene	ug/L	50	47.1	94	79-131	
Styrene	ug/L	50	48.7	97	84-126	
Tetrachloroethene	ug/L	50	49.8	100	78-122	
Toluene	ug/L	50	48.7	97	80-121	
trans-1,2-Dichloroethene	ug/L	50	54.6	109	71-127	
trans-1,3-Dichloropropene	ug/L	50	48.9	98	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	47.2	94	40-160	
Trichloroethene	ug/L	50	48.1	96	78-122	
Trichlorofluoromethane	ug/L	50	50.0	100	53-137	
Vinyl acetate	ug/L	100	82.6	83	40-160	
Vinyl chloride	ug/L	50	50.8	102	58-137	
Xylene (Total)	ug/L	150	142	95	81-126	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 1312364

Parameter	Units	92220339020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	19.6	98	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	22.1	111	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20.7	104	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.5	102	70-130	
1,1-Dichloroethane	ug/L	ND	20	22.9	113	70-130	
1,1-Dichloroethene	ug/L	ND	20	23.3	117	70-166	
1,2,3-Trichloropropane	ug/L	ND	20	22.6	113	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	18.7	93	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20.4	102	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	16.6	83	70-130	
1,2-Dichloroethane	ug/L	ND	20	20.9	104	70-130	
1,2-Dichloropropane	ug/L	ND	20	20.7	104	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.0	100	70-130	
2-Butanone (MEK)	ug/L	ND	40	57.1	143	70-130	M0
2-Hexanone	ug/L	ND	40	48.9	122	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	48.4	121	70-130	
Acetone	ug/L	ND	40	75.7	184	70-130	M0
Acrylonitrile	ug/L	ND	100	108	108	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

MATRIX SPIKE SAMPLE: 1312364

Parameter	Units	92220339020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	ND	20	21.5	107	70-148	
Bromochloromethane	ug/L	ND	20	23.5	118	70-130	
Bromodichloromethane	ug/L	ND	20	20.7	104	70-130	
Bromoform	ug/L	ND	20	20.1	101	70-130	
Bromomethane	ug/L	ND	20	17.2	86	70-130	
Carbon disulfide	ug/L	ND	20	20.9	104	70-130	
Carbon tetrachloride	ug/L	ND	20	23.1	115	70-130	
Chlorobenzene	ug/L	ND	20	20.9	101	70-146	
Chloroethane	ug/L	ND	20	22.5	113	70-130	
Chloroform	ug/L	ND	20	21.4	107	70-130	
Chloromethane	ug/L	ND	20	14.8	74	70-130	
cis-1,2-Dichloroethene	ug/L	1.0	20	22.8	109	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	17.2	86	70-130	
Dibromochloromethane	ug/L	ND	20	20.2	101	70-130	
Dibromomethane	ug/L	ND	20	21.0	105	70-130	
Ethylbenzene	ug/L	ND	20	20.5	103	70-130	
Iodomethane	ug/L	ND	40	26.3	66	70-130	M0
m&p-Xylene	ug/L	ND	40	41.8	104	70-130	
Methylene Chloride	ug/L	ND	20	22.6	113	70-130	
o-Xylene	ug/L	ND	20	20.7	103	70-130	
Styrene	ug/L	ND	20	21.1	105	70-130	
Tetrachloroethene	ug/L	ND	20	19.8	99	70-130	
Toluene	ug/L	ND	20	21.2	105	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	22.2	111	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	17.7	89	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	14.1	70	70-130	
Trichloroethene	ug/L	ND	20	20.6	103	69-151	
Trichlorofluoromethane	ug/L	ND	20	20.2	101	70-130	
Vinyl acetate	ug/L	ND	40	11.7	29	70-130	M0
Vinyl chloride	ug/L	ND	20	16.3	81	70-130	
1,2-Dichloroethane-d4 (S)	%				99	70-130	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				102	70-130	

SAMPLE DUPLICATE: 1312363

Parameter	Units	92220339019 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	2.4	2.4	1	
1,1-Dichloroethene	ug/L	ND	ND		
1,2,3-Trichloropropane	ug/L	ND	ND		
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

SAMPLE DUPLICATE: 1312363

Parameter	Units	92220339019 Result	Dup Result	RPD	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	ND	ND		
1,2-Dichlorobenzene	ug/L	1.0	ND		
1,2-Dichloroethane	ug/L	ND	ND		
1,2-Dichloropropane	ug/L	ND	ND		
1,4-Dichlorobenzene	ug/L	1.1	1.1	2	
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	.39J		
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	2.6	2.7	1	
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	.53J		
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	.3J		
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	2.2	2.4	7	
Xylene (Total)	ug/L	ND	ND		
1,2-Dichloroethane-d4 (S)	%	100	100	0	
4-Bromofluorobenzene (S)	%	98	97	1	
Toluene-d8 (S)	%	97	98	1	

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QUALIFIERS

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

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.

PQL - Practical Quantitation 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

ANALYTE QUALIFIERS

M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE CO LD'S +BLKS
Pace Project No.: 92219971

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92219971001	**1107-LD1**		FLD/		
92219971002	**1107-LD2**		FLD/		
92219971003	**1107-LD3**		FLD/		
92219971004	**1107-LD4**		FLD/		
92219971005	**1107-LD5**		FLD/		
92219971006	**1107-LD6**		FLD/		
92219971007	**1107-LEACHATE LD**		FLD/		
92219971001	**1107-LD1**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971002	**1107-LD2**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971003	**1107-LD3**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971004	**1107-LD4**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971005	**1107-LD5**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971006	**1107-LD6**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971007	**1107-LEACHATE LD**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971008	**1107-EQUIP BLANK**	EPA 3010	MPRP/17052	EPA 6010	ICP/15376
92219971001	**1107-LD1**	EPA 8260	MSV/28655		
92219971003	**1107-LD3**	EPA 8260	MSV/28655		
92219971004	**1107-LD4**	EPA 8260	MSV/28655		
92219971005	**1107-LD5**	EPA 8260	MSV/28655		
92219971006	**1107-LD6**	EPA 8260	MSV/28655		
92219971007	**1107-LEACHATE LD**	EPA 8260	MSV/28655		
92219971008	**1107-EQUIP BLANK**	EPA 8260	MSV/28655		
92219971009	**1107-TRIP BLANK**	EPA 8260	MSV/28655		
92219971010	**1107-LD2**	EPA 8260	MSV/28837		

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without the written consent of Pace Analytical Services, Inc..

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract -.1 c

Corrected Cooler Temp.: 3.7,5.8 c **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/3/14 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. Travel blank, Equip blank
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	No
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: [illegible] Date: 10/3/14

SRF Review: [illegible] Date: 10/6/14

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

WO#: 92219971

92219971

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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 1

1788467

Section A Required Client Information:
Company: SCS Burlington
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Ed H. Hoar
Copy To:
Purchase Order No.:
Project Name: LD's + Blks
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)

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): All Tox Samples	VOC	Mercury	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD-1					10-3-14	1245		4			1	3					X	X	X		001
2	LD-2					10-3	1150		4			1	3					X	X	X		2
3	LD-3					10-3	1315		4			1	3					X	X	X		3
4	LD-4					10-3	1330		4			1	3					X	X	X		4
5	LD-5					10-3	1100		4			1	3					X	X	X		5
6	LD-6					10-3	1350		4			1	3					X	X	X		6
7	Leachate LD					10-3	1140		4			1	3					X	X	X		7
8																						
9	TVC BLK					10-1-14			2				2						X			9
10	EQV.P BLK					10-1			3			1	2						X	X		8
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-3-14	1510	[signature] Pace	10-3-14	1510				
	[signature] Pace	10-3-14	1530	[signature]	10/3/14	1530	3.7	Y	N	Y
							5.8			

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] Pace
DATE Signed (MM/DD/YY): 10-3-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS resample

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 1.2 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KBB 10/9/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: LD-2 recollected to replace original sample used by analyst (multiple runs with no useable data). KB.

SCURF Review: JJ **Date:** 10/8/14

SRF Review: JJ **Date:** 10/10/14

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

9221997 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 1

1788088

Section A Required Client Information:

Company: Burns & McDonnell SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: LD-2 Resample
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 (Requested Analysis Filtered Y/N): 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~[illegible]~~ LD-2					10-9-14	1530		4				4					N		010
2																				
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)
LEAK DETECTOR -2		10-9-14	1535	[signature] Pace	10-9-14	1535				
Resample	[signature] Pace	10-9-14	1550	[signature]	10/9/14	1550	2.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWAIN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-9-14

*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.

4

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

10-3-14

Pace Analytical Services, Inc

Report Form for Field Monitoring

SW's NO ODOR

Location BURC New LF SW's & LD's

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-3-14	1435	MPI	SW-1		6.5	18.0	196	14.4		CLEAR Sediment LOW FLOW
	1410		SW-2		7.7	16.1	154	3.23		CLEAR Strong FLOW
	1230		SW-3		7.2	18.2	210	4.48		LOW CLEAR
	1045		SW-4		DRY				DRY	—
	950		SW-5		950	16.5	1280	0.57		CLEAR LOW
	1010		SW-6		1010	16.8	234	1.72		CLEAR LOW
	1120		Leachate		1120	19.8	4969	74		DARK Green TINT X ORGANIC ODOR
	1245		LD-1		5.6	17.2	209	1.59		CLEAR NO ODOR
	1150		LD-2		5.8	18.6	329	4.76		CLEAR NO ODOR
	1315		LD-3		6.3	16.4	508	11.4		SLIGHT DARK TINT ORGANIC ODOR
	1330		LD-4		5.6	17.4	172	2.64		CLEAR SOLIDS ORG ODOR
	1100		LD-5		6.1	19.8	760	7.24		CLEAR Rusty SKIN NO ODOR
	1350		LD-6		6.3	18.7	682	5.22		CLEAR NO ODOR
	1140		LEACHATE LD		4.4	18.1	757	0.64		CLEAR NO ODOR

4

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

10-3-14

Pace Analytical Services, Inc

Report Form for Field Monitoring

SW's NO ODOR

Location BURC New LF SW's & LD's

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
10-3-14	1435	MPI	SW-1		6.5	18.0	196	14.4		CLEAR Sediment LOW FLOW
	1410		SW-2		7.7	16.1	154	3.23		CLEAR Strong FLOW
	1230		SW-3		7.2	18.2	210	4.48		LOW CLEAR
	1045		SW-4		DRY				DRY	—
	950		SW-5		950	16.5	1280	0.57		CLEAR LOW
	1010		SW-6		1010	16.8	234	1.72		CLEAR LOW
	1120		Leachate		1120	19.8	4969	74		DARK Green TINT X ORGANIC ODOR
	1245		LD-1		5.6	17.2	209	1.59		CLEAR NO ODOR
	1150		LD-2		5.8	18.6	329	4.76		CLEAR NO ODOR
	1315		LD-3		6.3	16.4	508	11.4		SLIGHT DARK TINT ORGANIC ODOR
	1330		LD-4		5.6	17.4	172	2.64		CLEAR SOLIDS ORG ODOR
	1100		LD-5		6.1	19.8	760	7.24		CLEAR Rusty SKIN NO ODOR
	1350		LD-6		6.3	18.7	682	5.22		CLEAR NO ODOR
	1140		LEACHATE LD		4.4	18.1	757	0.64		CLEAR NO ODOR

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract -.1 c

Corrected Cooler Temp.: 3.7,5.8 c **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 10/3/14 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. Travel blank, Equip blank
Trip Blank Custody Seals Present	☐Yes ☑No ☐N/A	No
Pace Trip Blank Lot # (if purchased):_____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

SCURF Review: [illegible] Date: 10/3/14

SRF Review: [illegible] Date: 10/6/14

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

WO#: 92219971

92219971

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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 1

1788467

Section A Required Client Information:
Company: SCS Burlington
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Ed H. Hoar
Copy To:
Purchase Order No.:
Project Name: LD's + Blks
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)

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): All Tox Samples	VOC	Mercury	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD-1					10-3-14	1245		4			1	3					X	X	X		001
2	LD-2					10-3	1150		4			1	3					X	X	X		2
3	LD-3					10-3	1315		4			1	3					X	X	X		3
4	LD-4					10-3	1330		4			1	3					X	X	X		4
5	LD-5					10-3	1100		4			1	3					X	X	X		5
6	LD-6					10-3	1350		4			1	3					X	X	X		6
7	Leachate LD					10-3	1140		4			1	3					X	X	X		7
8																						
9	TVC BLK					10-1-14			2				2						X			9
10	EQV.P BLK					10-1			3			1	2						X	X		8
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-3-14	1510	[signature] Pace	10-3-14	1510				
	[signature] Pace	10-3-14	1530	[signature]	10/3/14	1530	3.7	Y	N	Y
							5.8			

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] Pace
DATE Signed (MM/DD/YY): 10-3-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS resample

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 1.2 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: KBB 10/9/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: LD-2 recollected to replace original sample used by analyst (multiple runs with no useable data). KB.

SCURF Review: JJ **Date:** 10/8/14

SRF Review: JJ **Date:** 10/10/14

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

9221997 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 1

1788088

Section A Required Client Information:

Company: Burns & McDonnell SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: LD-2 Resample
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 (Requested Analysis Filtered Y/N): 8260	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~[illegible]~~ LD-2					10-9-14	1530		4				4					N		010
2																				
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)
LEAK DETECTOR -2		10-9-14	1535	[signature] Pace	10-9-14	1535				
Resample	[signature] Pace	10-9-14	1550	[signature]	10/9/14	1550	2.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWAIN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-9-14

*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.

Page: 1 of 1

1808496

Section A Required Client Information:

Company: Buncombe SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: CAD 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

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	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)	Fe + Dissolved	TDS	Alk Cl	SOC	Meth 11	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					10-2-14	955		4	3		1							X	X	X	X	X		92219821
2	MW-1D					10-2	1015		4	3		1							X	X	X	X	X		2
3	MW-12					10-2	1305		4	3		1							X	X	X	X	X		3
4	MW-12D					10-2	1315		4	3		1							X	X	X	X	X		4
5	MW-14					10-2	1235		4	3		1							X	X	X	X	X		5
6	MW-14D					10-2	1245		4	3		1							X	X	X	X	X		6
7	MW 15S					10-2	1335		4	3		1							X	X	X	X	X		7
8	MW-15d					10-2	1345		4	3		1							X	X	X	X	X		8
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-2-14	1350	[signature]	10-2-2014	1350				
	[signature] Cass	10-2-14	1630	[signature]	10/2/14	16:30	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] Cass

DATE Signed (MM/DD/YY): 10-2-14

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

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of

1808498

Section A Required Client Information:

Company: Buncombe Co/SCS
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: 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	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	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	Amp Total	Amp Total Filtered H_2O	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					10-1-14	950		4			1	3					X	X	X	X	001
2	MW-2D					10-1	955		4			1	3					X	X	X	X	002
3	MW-3R					10-1	1050		4			1	3					X	X	X	X	003
4	MW-4					10-1	1105		4			1	3					X	X	X	X	004
5	MW-4D					10-1	1110		4			1	3					X	X	X	X	005
6	MW-5					10-1	1130		4			1	3					X	X	X	X	006
7	MW-5D					10-1	1145		4			1	3					X	X	X	X	007
8	MW-6					10-1	1155		4			1	3					X	X	X	X	008
9	MW-10					10-1	1220		4			1	3					X	X	X	X	009
10	MW-10D					10-1	1230		4			1	3					X	X		X	010
11	MW-11					10-1	1300		4			1	3					X	X	X	X	011
12	MW-11D					10-1	1310		4			1	3					X	X	X	X	012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-1-14	1320	[signature]	10-1-14	1320				
	[signature]	10-1-14	1645	[signature]	10/1/14	1645	1.9	4	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SUYAMA

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-1-14

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

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

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Bunc. Co

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_____

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

IR Gun #4 SN:140290365 Other:_____

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

Date and Initials of person examining contents: RDB 10/1/14

		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: WW		
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: JG **Date:** 10/1/14

SRF Review: JG **Date:** 10/2/14

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

92219622 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: 2 of

1808499

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burke Co / SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name:	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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	Composite Start TIME	Composite End/GRAB DATE	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): Full Strip Hg	VOC App IX	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92219622
1	MW-13					10-1-14	1025		4			1	3					X	X	X	X			013
2	MW-13D					10-1-14	1025		4			1	3					X	X	X	X			014
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)
		10-1-14	1320	[signature] Pace	10-1-14	1320				
	[signature] Pace	10-10-14	1640	[signature]	10/11/14	16:40	4.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Mark L. Swanson

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-1-14

*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 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: Buncombe SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.1 C

Corrected Cooler Temp.: 2.7 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 10/2/14

		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: WW 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: [signature] Date: 10/2/14

SRF Review: [signature] Date: 10/3/14

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

92219622 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: 3 of

1808497

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Burc / SCS	Report To: Ed Hilton	Attention:
Address:	Copy To:	Company Name:
		Address:
Email To:	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: MW CF MW 13	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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, Sulfate, Hardness	Full Agr II	Agr I Vol	Agr I Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92219622
1	MW-1					10-2-14	955		14	8		1	3	1				X	X				015
2	MW-10					10-2	1015		14	8		1	3	1				X	X				16
3	MW-7					10-2	1130		14	8		1	3	1				X	X				17
4	MW-12					10-2	1305		4			1	3					X		X	X		18
5	MW-12D					10-2	1315		4			1	3					X		X	X		19
6	MW-14					10-2	1235		4			1	3					X		X	X		20
7	MW-14D					10-2	1245		4			1	3					X		X	X		21
8	MW-15S					10-2	1335		4			1	3					X		X	X		22
9	MW-15d					10-2	1345		4			1	3					X		X	X		23
10	MW-8					10-2-14	1545		4			1	3										24
11	MW-8D					10-2	1555		4			1	3										25
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		10-2-14	1350	[signature] Pace	10-2-14	1350				
	[signature] Pace	10-2-14	1630	[signature]	10/2/14	16:30	2.7	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MATT D. SWANSON

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 10-2-14

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

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

Pace Analytical® www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: June 10, 2014 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.14	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS

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_____

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

IR Gun #4 SN:140290365 Other:_____

Temp Correction Factor: Add / Subtract 0.6 C

Corrected Cooler Temp.: 5.1 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 10/21/14

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: WT		
All containers needing preservation have been checked.	☑Yes ☐No ☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes ☐No ☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
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: JG **Date:** 10/21/14

SRF Review: JG **Date:** 10/22/14

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

92219622

OR

Handwrite project number (if no label available)

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

1787684

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

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	VOC Appx	Appx Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SW-4					10-21-14	1540		4			1	3					X	X	X		026
2	SW-7 DRY					10-21-14	1520		0										DRY			
3	TVL BLK					10-21-14	1500		2				2						X			027
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)
pH 7.2		10-21-14	1600	[signature]	10-21-14	1600				
TAL 13.5	[signature]	10-21-14	1620	[signature]	10/21/14	1620	5.1	Y	N	Y
SDIAM 262										
TURB 6.00										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK R. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 10-21-14

*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.