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: 407.514.2766

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	April 7-9 and May 1, 2015

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 407.514.2604

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

C. Edward Hilton 7/15/15

Signature Date

Affix NC Licensed/ Professional Geologist Seal

4767 New Broad Street, Suite 222, Orlando, FL 32814

Facility Representative Address

PE 007909

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

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

Revised 6/2009

ATTACHMENT TO NC DENR ENVIRONMENTAL MONITORING REPORT FORM

SPRING 2015 STATISTICAL ANALYSIS

NEW BUNCOMBE COUNTY LANDFILL PERMIT # 11-07

Constituents detected during the spring 2015 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: cadmium (MW-14), cobalt (MW-15S), iron (MW-15S), manganese (MW-12 and MW-15S). Overall, the concentrations of these exceedances were elevated above recent sampling events. The two-sample test of proportions indicated that the manganese exceedances at MW-12 and MW-15S are statistically significant but the cadmium, cobalt, and iron exceedances are not. Cadmium, cobalt, iron, and manganese will be monitored for during the fall 2015 sampling event to confirm these exceedances.

Compliance well concentrations exceeded the NCDENR's groundwater quality standard for: chromium (MW-14), cobalt (MW-13D, MW-14, and MW-15D), iron (MW-14, MW-12D, and MW-15D), manganese (MW-12D and MW-15D), and vanadium (MW-3R, MW-7, MW-10, MW-14, MW-15S, and MW-15D). Concentrations of chromium, cobalt, and vanadium were elevated above recent sampling events in MW-14. Concentrations of iron in MW-12D; manganese in MW-12D; and vanadium in MW-7, MW-15S, and MW-15D were also 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.

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

Compliance well concentrations fell outside calculated Tolerance Intervals for: 2,4-D (MW-7), lead (MW-14), sulfate (MW-12, MW-12D, MW-14, MW-15S, and MW-15D), and TDS (MW-12, MW-14, and MW-15S). However, NCDENR's groundwater quality standards were not exceeded for these parameters. The lead detection was shown to be statistically significant from the two-sample test of proportions. However, the remaining detections were not shown to be statistically significant. Lead will monitoring during the fall 2015 sampling event to determine if concentrations are rising.

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. MW-3 was not monitored during the fall 2014 or spring 2015 monitoring events since it was replaced with MW-3R prior to the sampling events. It appears the program was successful, as there were no vinyl chloride detections or exceedances during the fall 2014 or spring 2015 monitoring events. Therefore, SCS proposes to cease monitoring the Appendix II parameters that were added as a result of the now remedied landfill gas issue.

NCDENR surface water quality standards were not exceeded during the spring 2015 monitoring event at surface water monitoring locations.

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.

X All MW's Need New FOAM Seal on Outer CAP

WELL CONDITION SUMMARY

Site: Buncombe Co New LF X

Personnel I: MPS

Date: 4.2015

Page 1 of 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
1	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump TFE Bailer	Dry 1.5 VOC
2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	Pine Tree
2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	At end of Bridge Needs to be cut
3R	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE, Bailer	
4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump TFE Bailer	

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

WELL CONDITION SUMMARY

Site: BUNCOMBE CO

Personnel: MARK L. SWANN

Date: 4-2015

Page 2 of 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
7	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
8	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☐ Yes ☐ No	PUMP TFE BAILER	DRY @ 1.55 VOLUMES
8D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

WELL CONDITION SUMMARY

Site: BUNCOMBE NEW LF

Personnel: MARK SWAN

Date: 4.2015

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	
10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	DRY @ 1.6 VOLUMES
11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
12D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

WELL CONDITION SUMMARY

Site: Buncombe Co New LF

Personnel I: Mark Swanson

Date: 4-2015

Page 4 of 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump TFE Bailer	Dry @ 1.5 volumes
15s	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
15d	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

1818548

Section A Required Client Information:

Company: SCS - Bunk New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: LEAK DETECTORS 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): Analysis Test: Pb, Tag Sleeve Tyes; VOC; Metals

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Pb	Tag Sleeve Tyes	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92244081
1	LD - 1					4.6.15	1330		4			1	3					Y	X	X			001
2	LD - 2					4.6.15	1455		4			1	3					X	X	X			002
3	LD - 3					4.6.15	1420		4			1	3					X	X	X			003
4	LD - 4					4/6/15	1340		4			1	3					X	X	X			004
5	LD - 5					4/6/15	1435		4			1	3					X	X	X			005
6	LD - 6					4/6/15	1400		4			1	3					X	X	X			006
7	LEACHATE-LD					4.6.15	1510		4			1	3					X	X	X			007
8																							008
9																							
10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4.6.15	1610	[signature]	4.6.15	1610				
	[signature]	4.6.15	1610	[signature]	4/6/15	1610	OK	Y	N	Y

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

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK A. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-6-15

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

1818116

Section A Required Client Information:

Company: SCS Burns New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: Burns New LF
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Metals (Strong Tuz)	Metals (Static H2O)	VOC	Mercury	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					4-7-15	1445		4			1	3					Y	X	X	X		01224337
2	MW-2D					4-7	1450		4			1	3					Y	X	X	X		W1
3	MW-3R					4-7	1400		4			1	3					Y	X	X	X		W2
4	MW-4					4-7	1425		4			1	3					Y	X	X	X		W3
5	MW-4D					4-7	1430		4			1	3					Y	X	X	X		W4
6	~~MW-5~~					~~4-7~~																	W5
7	~~MW-5D~~					~~4-7~~																	
8	MW-6					4-7	1345		4			1	3										
9	MW-10					4-7	1535		4			1	3					Y	X	X	X		
10	MW-10D					4-7	1545		4			1	3					Y	X	X	X		W6
11	MW-13					4-7	1505		4			1	3					Y	X	X	X		W7
12	MW-13D					4-7-15	1515		4			1	3					Y	X	X	X		W8
																							W9
																							W10

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4-7-15	1600		4-7-15	1600				
	[signature]	4-7-15	1630	[signature]	4/7/15	16:30	1.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 4-7-15

*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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Page: 2 of 3

1818257

Section A Required Client Information:

Company: SLS Bmc MW LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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): All TAL Sp. Cond. Tuga, Static H2O, VOC, Methyl

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	All TAL Sp. Cond. Tuga	Static H2O	VOC	Methyl	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~MW-2~~ MCI																						
2	~~[illegible]~~ MCI								~~4~~														
3	MW-~~[illegible]~~5					4.8.15	1100		4			1	3										
4	MW-5D					4.8	1115		4			1	3					X	X	X	X		011
5	MW-8					4.8	1320		4			1	3					X	X	X	X		012
6	MW-8D					4-8	1310		4			1	3					X	X	X	X		013
7	MW-11					4-8	1130		4			1	3					X	X	X	X		014
8	MW-11D					4-8	1140		4			1	3					X	X	X	X		015
9	MW-14					4-8	1555		4			1	3					X	X	X	X		016
10	MW-14D					4-8	1600		4			1	3					X	X	X	X		017
11	MW-15S					4-8	1515		4			1	3					X	X	X	X		018
12	MW-15D					4-8	1525		4			1	3					X	X	X	X		019
																		X	X	X	X		020

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-8-15	1630	[signature] SLS	4-8-15	1630				
	[signature] SLS	4.8.15	1645	[signature]	4/8/15	16:45	28	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] SLS DATE Signed (MM/DD/YY): 4-8-15

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.

T-427 P0002/0002 F-187

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 3

1907182

Section A Required Client Information:
Company: SLS Burl Mwlf
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: Burlington Mwlf
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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	pH Trap Stream Y/N	Static H_2O	VOC	Metals	Full List Apt	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					4-9-15	910		14	8		1	3	2				X	X			X		92244337
2	MW-1D					4-9	930		14	8		1	3	2				X	X			X		021
3	MW-7					4-9	1045		14	8		1	3	2				X	X			X		022
4	MW-12					4-9	1110		4			1	3					X	X	X	X			023
5	MW-12A					4-9	1130		4			1	3					X	X	X	X			024
6																								025
7	~~FOC BLK~~																							
8	EQUIP BLK					4-9-15																		
9	TRIP BLK					4-6-15	800		3			1	2						4	X				026
10						4-6-15	800		2				2						X					027
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
blk pulled Monday 4-6-15	[signature] Pace	4-9-15	1145	[signature] Pace	4-9-15	1145
	[signature] Pace	4-9-15	1225	[signature]	4/9/15	12:25

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
1.6	Y	N	Y
2.6			

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK L. SWAGER
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-9-15

*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

04-14-'15 09:49 FROM-

Pace Analytical®
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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1818254

Section A Required Client Information:

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

Section B Required Project Information:

Report To: E L H. Hon
Copy To:
Purchase Order No.:
Project Name: (4 D) 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	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	Nitrate Nitrite 353.2	Cl	TDS	SO4	Alk CL	GC/C (FE, Mn)	7470	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~MW-12~~					4.8.15			3	3																	
2	~~MW-12D~~					4.8			3	3																	
3	MW-14					4.8	1555		3	3								Y	X	X	X	X					
4	MW-14D					4.8	1600		3	3								Y	X	X	X	X					
5	MW-15s					4.8	1515		3	3								Y	X	X	X	X	X	X			001
6	MW-15d					4.8	1520		3	3								Y	X	X	X	X	X	X			002
7																		Y	X	X	X	X	X	X			003
8																		X	X	X	X	X	X	X			004
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4.8.15	1630	[signature] PAL	4.8.15					
MW-1 1D & 12 & 12D	[signature] PAL	4.8.15	1645	[signature]	4/8/15	1645	2x	Y	N	Y
to be sampled 4.9.15										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK D. SWANN

SIGNATURE of SAMPLER: [signature] PAL DATE Signed (MM/DD/YY): 4.8.15

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: 2 of 2

1907181

Section A Required Client Information:

Company: SCS Bunc Newle
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: NCW LF COD
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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N)	Fecal Coliform	DO	Stat. H_2O	TDS	SO4	Alk Cl	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					4.9.15	910		4	3		1							X	X	X	X	X	X	X		005
2	MW-1D					4.9	930		4	3		1							X	X	X	X	X	X	X		006
3	MW-12					4.9	1110		4	3		1							X	X	X	X	X	X	X		007
4	MW-12D					4.9	1130		4	3		1							X	X	X	X	X	X	X		008
5																											
6																											
7																											
8																											
9																											
10																											
11																											
12																											

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4.9.15	1145	[signature]	4.9.15	1145				
	[signature]	4.9.15	1225	[signature]	4/9/15	1225	1.6	Y	N	Y
							2.6			

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4.9.15

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	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

SCS SW's & LD's

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNCOMBE CO NCS LF

Date	Time	Sampler	Sample ID	~~Water Level (Ft)~~	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
4-6-15	940	MGS	SW-1		7.4	10.9	136	5.05		CLEAR, LOW FLOW
	1000		SW-2		7.3	9.9	143	6.08		CLEAR, LOW FLOW
	1045		SW-3		7.2	14.2	136	4.09		CLEAR LOW FLOW
	1145		SW-4		7.3	11.6	225	30.7		HAZY, STRONG FLOW
	1225		SW-5		7.9	12.2	746	4.55		CLEAR, LOW FLOW
KG 4/14/15	~~1025~~	12:45	SW-6		7.6	11.1	225	26.3		CLEAR, LOW FLOW
KG 4/14/15	~~1530~~	10:25	SW-7		7.2	10.2	142	3.95		CLEAR, VERY LOW FLOW
	15:30		Leachate		8.2	12.3	5280	63.7		GREEN OPAQUE
				X						
	1330		LD-1		5.7	14.9	224	2.42		CLEAR, SLIGHT ODOR
	1455		LD-2		5.9	13.4	283	8.33		CLEAR, ORGANIC ODOR
	1420		LD-3		6.4	16.7	462	21.0		CLEAR, SLIGHT ODOR
	1340		LD-4		5.5	16.8	179	5.40		CLEAR, SOLIDS, STRONG ODOR
	1435		LD-5		6.3	17.1	729	9.50		CLEAR, SOLIDS, SLIGHT ODOR
	1400		LD-6		6.4	17.8	641	9.88		CLEAR, SOLIDS, NO ODOR
	1510		Leachate LD		4.9	14.4	397	8.45		CLEAR, SLIGHT ODOR

Pace Analytical	Document Name: Report Form for Field Monitoring	Document Revised: August 4, 2011 Page 1 of 1
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SCS SW's & LD's

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNCOMBE CO NCS LF

Date	Time	Sampler	Sample ID	~~Water Level (Ft)~~	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
4-6-15	940	MGS	SW-1		7.4	10.9	136	5.05		CLEAR, LOW FLOW
	1000		SW-2		7.3	9.9	143	6.08		CLEAR, LOW FLOW
	1045		SW-3		7.2	14.2	136	4.09		CLEAR LOW FLOW
	1145		SW-4		7.3	11.6	225	30.7		HAZY, STRONG FLOW
	1225		SW-5		7.9	12.2	746	4.55		CLEAR, LOW FLOW
KG 4/14/15	~~1025~~	12:45	SW-6		7.6	11.1	225	26.3		CLEAR, LOW FLOW
KG 4/14/15	~~1530~~	10:25	SW-7		7.2	10.2	142	3.95		CLEAR, VERY LOW FLOW
	15:30		Leachate		8.2	12.3	5280	63.7		GREEN OPAQUE
				X						
	1330		LD-1		5.7	14.9	224	2.42		CLEAR, SLIGHT ODOR
	1455		LD-2		5.9	13.4	283	8.33		CLEAR, ORGANIC ODOR
	1420		LD-3		6.4	16.7	462	21.0		CLEAR, SLIGHT ODOR
	1340		LD-4		5.5	16.8	179	5.40		CLEAR, SOLIDS, STRONG ODOR
	1435		LD-5		6.3	17.1	729	9.50		CLEAR, SOLIDS, SLIGHT ODOR
	1400		LD-6		6.4	17.8	641	9.88		CLEAR, SOLIDS, NO ODOR
	1510		Leachate LD		4.9	14.4	397	8.45		CLEAR, SLIGHT 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

4. 2015

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNC NEW LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	DO	Comments
4-9-15	910	MPJ	MW-1	68.71	7.4	14.2	155	3.56			CLEAR NO ODOR
4-9	930		MW-1D	70.45	6.4	14.5	169	3.25			CLEAR NO ODOR
4-8	1445		MW-2	8.64	6.5	9.9	126	16.9			CLOUDY, NO ODOR
4-8	1450		MW-2D	8.31	6.4	10.0	249	2.40			CLEAR, NO ODOR
4-8	1400		MW-3R	56.71	6.3	14.2	201	4.94			CLEAR, NO ODOR
4-8	1415		MW-4	13.56	6.3	13.9	198	4.21			CLEAR NO ODOR
4-8	1430		MW-4D	14.41	~~6.2~~ 6.2	13.0	246	20.6			CLEAR, NO ODOR
4-8	1100		MW-5	35.02	6.4	16.1	206	7.89			CLEAR, NO ODOR
4-8	1115		MW-5D	36.02	6.3	16.1	195	3.00			CLEAR, NO ODOR
4-7	1345		MW-6	27.02	6.3	15.8	173	3.52			CLEAR, NO ODOR
4-9	1045		MW-7	46.26	6.3	16.4	691	4.81			CLEAR, OIL ODOR
4-8	1320		MW-8	33.56	6.5	15.9	324	4.26			CLEAR, NO ODOR
4-8	1310		MW-8D	32.29	6.4	16.7	404	3.05			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
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4.2015

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Bore New LF MW's

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
4-7-15	1535	MB	MW-10	70.23	6.4	14.9	306	2.35		CLEAR, NO ODOR
4-7-15	1545		MW 10D	70.26	6.6	15.3	269	2.72		CLEAR, NO ODOR
4.8	1130		MW-11	32.02	6.6	16.5	376	3.13		CLEAR, NO ODOR
4.8	1140		MW 11D	33.02	6.5	16.4	364	4.11		CLEAR, NO ODOR
4.9	1110		MW-12	12.11	6.5	15.1	687	2.86		CLEAR TO CLOUDY NO ODOR
4.9	1130		MW 12D	10.73	6.7	14.3	539	9.27		NO ODOR, CLEAR
4.8	1535		MW-14	31.33	6.5	15.7	198	150 (x10)		CLOUDY, NO ODOR
4-8	1600		MW-14D	31.37	6.8	15.4	250	3.63		CLEAR, NO ODOR
4.8	1515		MW-15s	22.25	6.0	16.9	371	34 (x4)		CLOUDY NO ODOR
4.8	1525		MW-15d	26.34	6.3	16.8	416	15.7		CLOUDY, NO ~~CLEAR~~ ODOR
4-7-15	1505		MW-13	5.60	6.6	11.7	204	9.07		CLEAR, NO ODOR
4-7	1515		MW-13D	7.38	6.3	11.4	336	3.44		CLEAR, NO ODOR

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

4-2015

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNC New LF CAD

Date	Time	Samplers	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	DO	Comments
4-9	910	MCS	MW-1	68.71	7.4	14.2	155	3.56	128.7	8.71	CLEAR, NO ODOR
4-9	930		MW 1D	70.45	6.4	14.5	169	3.21	164.3	6.80	CLEAR, NO ODOR
~~4-9~~											
4-9	1110		MW-12	12.11	6.5	9.9	687	2.86	125.7	4.27	CLEAR TO CLOUDY NO ODOR
4-9	1130		MW-12D	10.73	6.9	10.0	539	9.27	224.4	2.42	CLEAR NO ODOR
4-8	1555		MW-14	31.33	~~6.5~~ 6.5	15.7	198	150 (x10)	139.0	6.20	CLOUDY, NO ODOR
4-8	1600		MW 14D	31.37	6.8	15.4	250	3.63	157.1	7.95	CLEAR, NO ODOR
4-8-15	1515		MW-15S	22.29	6.0	16.9	371	34 (x2)	40.3	2.65	CLOUDY, NO ODOR
4-8	1525		MW-15d	26.74	6.3	16.8	416	15.7	61.2	3.86	CLOUDY, NO ODOR

Exceedances by Date Range

Buncombe County New Facility

From: 04/07/15 ***To:*** 04/09/15

Site ID	Analyte			Date	Result	
MW-10						
	Vanadium					
	MCL:	0.3	ug/L			
				04/07/15	6.7	ug/L
MW-12						
	Manganese					
	MCL:	50	ug/L			
				04/09/15	389	ug/L
MW-12D						
	Iron					
	MCL:	300	ug/L			
				04/09/15	1080	ug/L
	Manganese					
	MCL:	50	ug/L			
				04/09/15	184	ug/L
MW-13D						
	Cobalt					
	MCL:	1	ug/L			
				04/07/15	32	ug/L
MW-14						
	Cadmium					
	MCL:	2	ug/L			
				04/08/15	6.4	ug/L
	Chromium					
	MCL:	10	ug/L			
				04/08/15	42.1	ug/L
	Cobalt					
	MCL:	1	ug/L			
				04/08/15	19.3	ug/L
	Iron					
	MCL:	300	ug/L			
				04/08/15	850	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				04/08/15	84.7	ug/L

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

Site ID	Analyte			Date	Result	
MW-15D						
	Cobalt					
	MCL:	1	ug/L			
				04/08/15	6.2	ug/L
	Iron					
	MCL:	300	ug/L			
				04/08/15	1010	ug/L
	Manganese					
	MCL:	50	ug/L			
				04/08/15	285	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				04/08/15	10.7	ug/L
MW-15S						
	Cobalt					
	MCL:	1	ug/L			
				04/08/15	81.3	ug/L
	Iron					
	MCL:	300	ug/L			
				04/08/15	18200	ug/L
	Manganese					
	MCL:	50	ug/L			
				04/08/15	5720	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				04/08/15	17	ug/L
MW-3R						
	Vanadium					
	MCL:	0.3	ug/L			
				04/07/15	7.8	ug/L
MW-7						
	Vanadium					
	MCL:	0.3	ug/L			
				04/09/15	6.3	ug/L

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

Detections By Date Range

Buncombe County New Facility

From: 04/07/15 **To:** 04/09/15

Site ID	Analyte	Date	Result	
MW-1				
		04/09/15	5.6	mg/L
		04/09/15	8.71	mg/L
	Alkalinity, Total as CaCO3			
		04/09/15	36.8	mg/L
	Barium			
		04/09/15	114	ug/L
	Iron			
		04/09/15	105	ug/L
	ORP			
		04/09/15	128.7	mV
	pH			
		04/09/15	7.4	Std.
	Specific Conductance			
		04/09/15	155	umh
	Static Water Level			
		04/09/15	68.71	feet
	Sulfate			
		04/09/15	17	mg/L
	Temperature			
		04/09/15	14.2	deg
	Total Dissolved Solids			
		04/09/15	116	mg/L
	Turbidity			
		04/09/15	3.56	NTU

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

Site ID	Analyte	Date	Result	
MW-10				
	Barium			
		04/07/15	131	ug/L
	pH			
		04/07/15	6.4	Std.
	Specific Conductance			
		04/07/15	306	umh
	Static Water Level			
		04/07/15	70.23	feet
	Temperature			
		04/07/15	14.9	deg
	Turbidity			
		04/07/15	2.35	NTU
	Vanadium			
		04/07/15	6.7	ug/L
MW-10D				
	Barium			
		04/07/15	15.5	ug/L
	pH			
		04/07/15	6.6	Std.
	Specific Conductance			
		04/07/15	269	umh
	Static Water Level			
		04/07/15	70.26	feet
	Temperature			
		04/07/15	15.3	deg
	Turbidity			
		04/07/15	2.72	NTU
MW-11				
	Barium			
		04/08/15	82.7	ug/L
	pH			
		04/08/15	6.6	Std.
	Specific Conductance			
		04/08/15	376	umh
	Static Water Level			
		04/08/15	32.02	feet
	Temperature			
		04/08/15	16.5	deg
	Turbidity			
		04/08/15	3.13	NTU

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

Site ID	Analyte	Date	Result	
MW-11D				
	Barium			
		04/08/15	14.9	ug/L
	pH			
		04/08/15	6.5	Std.
	Specific Conductance			
		04/08/15	364	umh
	Static Water Level			
		04/08/15	33.02	feet
	Temperature			
		04/08/15	16.4	deg
	Turbidity			
		04/08/15	4.11	NTU

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

Site ID	Analyte	Date	Result	
MW-12				
		04/09/15	31.1	mg/L
		04/09/15	4.2	mg/L
	Alkalinity, Total as CaCO3			
		04/09/15	147	mg/L
	Barium			
		04/09/15	71.3	ug/L
	Iron			
		04/09/15	187	ug/L
	Manganese			
		04/09/15	389	ug/L
	Nickel			
		04/09/15	12.8	ug/L
	ORP			
		04/09/15	125.7	mV
	pH			
		04/09/15	6.5	Std.
	Specific Conductance			
		04/09/15	687	umh
	Static Water Level			
		04/09/15	12.11	feet
	Sulfate			
		04/09/15	150	mg/L
	Temperature			
		04/09/15	9.9	deg
		04/09/15	15.1	deg
	Total Dissolved Solids			
		04/09/15	478	mg/L
	Turbidity			
		04/09/15	2.86	NTU
		04/09/15	2.76	NTU
	Zinc			
		04/09/15	16.8	ug/L

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

Site ID	Analyte	Date	Result	
MW-12D				
		04/09/15	19.1	mg/L
		04/09/15	2.42	mg/L
	Alkalinity, Total as CaCO3			
		04/09/15	172	mg/L
	Barium			
		04/09/15	58	ug/L
	Iron			
		04/09/15	1080	ug/L
	Manganese			
		04/09/15	184	ug/L
	ORP			
		04/09/15	224.4	mV
	pH			
		04/09/15	6.7	Std.
		04/09/15	6.9	Std.
	Specific Conductance			
		04/09/15	539	umh
	Static Water Level			
		04/09/15	10.73	feet
	Sulfate			
		04/09/15	68.6	mg/L
	Temperature			
		04/09/15	14.3	deg
		04/09/15	10	deg
	Total Dissolved Solids			
		04/09/15	362	mg/L
	Turbidity			
		04/09/15	9.27	NTU
MW-13				
	Barium			
		04/07/15	106	ug/L
	Copper			
		04/07/15	5.4	ug/L
	pH			
		04/07/15	6.6	Std.
	Specific Conductance			
		04/07/15	202	umh
	Static Water Level			
		04/07/15	5.6	feet
	Temperature			
		04/07/15	11.7	deg
	Turbidity			
		04/07/15	9.07	NTU

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

Site ID	Analyte	Date	Result	
MW-13D				
	Barium			
		04/07/15	236	ug/L
	Cobalt			
		04/07/15	32	ug/L
	Nickel			
		04/07/15	15.4	ug/L
	pH			
		04/07/15	6.3	Std.
	Specific Conductance			
		04/07/15	336	umh
	Static Water Level			
		04/07/15	7.38	feet
	Temperature			
		04/07/15	11.1	deg
	Turbidity			
		04/07/15	3.24	NTU

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

Site ID	Analyte	Date	Result	
MW-14				
		04/08/15	6.2	mg/L
		04/08/15	3.6	mg/L
	Alkalinity, Total as CaCO3			
		04/08/15	49.4	mg/L
	Barium			
		04/08/15	144	ug/L
	Beryllium			
		04/08/15	1	ug/L
	Cadmium			
		04/08/15	6.4	ug/L
	Chromium			
		04/08/15	42.1	ug/L
	Cobalt			
		04/08/15	19.3	ug/L
	Copper			
		04/08/15	26.5	ug/L
	Iron			
		04/08/15	850	ug/L
	Lead			
		04/08/15	12.8	ug/L
	Manganese			
		04/08/15	47.8	ug/L
	Nickel			
		04/08/15	16.5	ug/L
	ORP			
		04/08/15	139	mV
	pH			
		04/08/15	6.5	Std.
	Specific Conductance			
		04/08/15	198	umh
	Static Water Level			
		04/08/15	31.33	feet
	Sulfate			
		04/08/15	27.6	mg/L
	Temperature			
		04/08/15	15.7	deg
	Total Dissolved Solids			
		04/08/15	176	mg/L
	Turbidity			
		04/08/15	1500	NTU
	Vanadium			
		04/08/15	84.7	ug/L
	Zinc			
		04/08/15	52.7	ug/L

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

Site ID	Analyte	Date	Result	
MW-14D				
		04/08/15	7.95	mg/L
		04/08/15	2	mg/L
	Alkalinity, Total as CaCO3			
		04/08/15	107	mg/L
	Iron			
		04/08/15	51.9	ug/L
	ORP			
		04/08/15	137.1	mV
	pH			
		04/08/15	6.8	Std.
	Specific Conductance			
		04/08/15	250	umh
	Static Water Level			
		04/08/15	31.37	feet
	Sulfate			
		04/08/15	16.3	mg/L
	Temperature			
		04/08/15	15.4	deg
	Total Dissolved Solids			
		04/08/15	188	mg/L
	Turbidity			
		04/08/15	3.63	NTU

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

Site ID	Analyte	Date	Result	
MW-15D				
		04/08/15	3.86	mg/L
		04/08/15	10.1	mg/L
	Alkalinity, Total as CaCO3			
		04/08/15	141	mg/L
	Barium			
		04/08/15	164	ug/L
	Cobalt			
		04/08/15	6.2	ug/L
	Iron			
		04/08/15	1010	ug/L
	Manganese			
		04/08/15	285	ug/L
	ORP			
		04/08/15	61.2	mV
	pH			
		04/08/15	6.3	Std.
	Specific Conductance			
		04/08/15	416	umh
	Static Water Level			
		04/08/15	26.74	feet
	Sulfate			
		04/08/15	49.3	mg/L
	Temperature			
		04/08/15	16.8	deg
	Total Dissolved Solids			
		04/08/15	296	mg/L
	Turbidity			
		04/08/15	15.7	NTU
	Vanadium			
		04/08/15	10.7	ug/L

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

Site ID	Analyte	Date	Result	
MW-15S				
		04/08/15	2.65	mg/L
		04/08/15	11.9	mg/L
	Alkalinity, Total as CaCO3			
		04/08/15	114	mg/L
	Barium			
		04/08/15	234	ug/L
	Cadmium			
		04/08/15	1	ug/L
	Chromium			
		04/08/15	7.1	ug/L
	Cobalt			
		04/08/15	81.3	ug/L
	Iron			
		04/08/15	18200	ug/L
	Manganese			
		04/08/15	5720	ug/L
	Nickel			
		04/08/15	8.8	ug/L
	ORP			
		04/08/15	40.3	mV
	pH			
		04/08/15	6	Std.
	Specific Conductance			
		04/08/15	371	umh
	Static Water Level			
		04/08/15	22.29	feet
	Sulfate			
		04/08/15	29.2	mg/L
	Temperature			
		04/08/15	16.9	deg
	Total Dissolved Solids			
		04/08/15	228	mg/L
	Turbidity			
		04/08/15	68	NTU
	Vanadium			
		04/08/15	17	ug/L

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

Site ID	Analyte	Date	Result	
MW-1D				
		04/09/15	2.4	mg/L
		04/09/15	6.2	mg/L
	Alkalinity, Total as CaCO3			
		04/09/15	51.7	mg/L
	Barium			
		04/09/15	34.2	ug/L
	Iron			
		04/09/15	111	ug/L
	ORP			
		04/09/15	164.3	mV
	pH			
		04/09/15	6.4	Std.
	Specific Conductance			
		04/09/15	169	umh
	Static Water Level			
		04/09/15	70.45	feet
	Sulfate			
		04/09/15	23.2	mg/L
	Temperature			
		04/09/15	14.5	deg
	Total Dissolved Solids			
		04/09/15	149	mg/L
	Turbidity			
		04/09/15	3.25	NTU
	Zinc			
		04/09/15	10.2	ug/L
MW-2				
	Barium			
		04/07/15	70.1	ug/L
	pH			
		04/07/15	6.5	Std.
	Specific Conductance			
		04/07/15	126	umh
	Static Water Level			
		04/07/15	8.64	feet
	Temperature			
		04/07/15	9.9	deg
	Turbidity			
		04/07/15	16.9	NTU
	Zinc			
		04/07/15	10.1	ug/L

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

Site ID	Analyte	Date	Result	
MW-2D				
	Barium			
		04/07/15	89.3	ug/L
	pH			
		04/07/15	6.4	Std.
	Specific Conductance			
		04/07/15	249	umh
	Static Water Level			
		04/07/15	8.31	feet
	Temperature			
		04/07/15	10	deg
	Turbidity			
		04/07/15	2.4	NTU
MW-3R				
	Barium			
		04/07/15	132	ug/L
	Nickel			
		04/07/15	5.1	ug/L
	pH			
		04/07/15	6.3	Std.
	Specific Conductance			
		04/07/15	201	umh
	Static Water Level			
		04/07/15	56.71	feet
	Temperature			
		04/07/15	14.2	deg
	Turbidity			
		04/07/15	4.94	NTU
	Vanadium			
		04/07/15	7.8	ug/L
MW-4				
	Barium			
		04/07/15	75.9	ug/L
	pH			
		04/07/15	6.3	Std.
	Specific Conductance			
		04/07/15	198	umh
	Static Water Level			
		04/07/15	13.56	feet
	Temperature			
		04/07/15	13.9	deg
	Turbidity			
		04/07/15	4.21	NTU

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

Site ID	Analyte	Date	Result	
MW-4D				
	Barium			
		04/07/15	28.2	ug/L
	pH			
		04/07/15	6.2	Std.
	Specific Conductance			
		04/07/15	246	umh
	Static Water Level			
		04/07/15	14.41	feet
	Temperature			
		04/07/15	13	deg
	Turbidity			
		04/07/15	20.6	NTU
MW-5				
	Barium			
		04/08/15	102	ug/L
	pH			
		04/08/15	6.4	Std.
	Specific Conductance			
		04/08/15	206	umh
	Static Water Level			
		04/08/15	35.02	feet
	Temperature			
		04/08/15	16.1	deg
	Turbidity			
		04/08/15	7.89	NTU
MW-5D				
	Barium			
		04/08/15	61.2	ug/L
	pH			
		04/08/15	6.3	Std.
	Specific Conductance			
		04/08/15	195	umh
	Static Water Level			
		04/08/15	36.02	feet
	Temperature			
		04/08/15	16.1	deg
	Turbidity			
		04/08/15	3	NTU

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

Site ID	Analyte	Date	Result	
MW-6				
	Barium			
		04/07/15	50	ug/L
	pH			
		04/07/15	6.3	Std.
	Specific Conductance			
		04/07/15	173	umh
	Static Water Level			
		04/07/15	27.02	feet
	Temperature			
		04/07/15	15.8	deg
	Turbidity			
		04/07/15	3.52	NTU
MW-7				
	1,1-Dichloroethane			
		04/09/15	1.2	ug/L
	2,4-D			
		04/09/15	3.7	ug/L
	Barium			
		04/09/15	206	ug/L
	Nickel			
		04/09/15	14	ug/L
	pH			
		04/09/15	6.3	Std.
	Specific Conductance			
		04/09/15	691	umh
	Static Water Level			
		04/09/15	46.26	feet
	Temperature			
		04/09/15	16.4	deg
	Turbidity			
		04/09/15	4.81	NTU
	Vanadium			
		04/09/15	6.3	ug/L

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

Site ID	Analyte	Date	Result	
MW-8				
	Barium			
		04/08/15	117	ug/L
	pH			
		04/08/15	6.5	Std.
	Specific Conductance			
		04/08/15	324	umh
	Static Water Level			
		04/08/15	33.56	feet
	Temperature			
		04/08/15	15.9	deg
	Turbidity			
		04/08/15	4.26	NTU
MW-8D				
	Barium			
		04/08/15	160	ug/L
	pH			
		04/08/15	6.4	Std.
	Specific Conductance			
		04/08/15	404	umh
	Static Water Level			
		04/08/15	32.29	feet
	Temperature			
		04/08/15	16.7	deg
	Turbidity			
		04/08/15	3.05	NTU

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

Detections By Date Range

Buncombe County New Facility

From: 04/06/15 ***To:*** 04/06/15

Site ID	*Analyte*	*Date*	*Result*	
SW-1				
		04/06/15	98.3	ug/L
	pH			
		04/06/15	7.4	Std.
	Specific Conductance			
		04/06/15	136	umh
	Temperature			
		04/06/15	10.9	deg
	Turbidity			
		04/06/15	5.05	NTU
SW-2				
		04/06/15	6.08	NTU
		04/06/15	50.8	ug/L
	pH			
		04/06/15	7.3	Std.
	Specific Conductance			
		04/06/15	143	umh
	Temperature			
		04/06/15	9.9	deg
SW-3				
		04/06/15	46	ug/L
		04/06/15	14.2	deg
		04/06/15	4.09	NTU
	Specific Conductance			
		04/06/15	136	umh
	Temperature			
		04/06/15	7.2	Std.

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

Site ID	Analyte	Date	Result	
SW-4				
		04/06/15	101	ug/L
		04/06/15	10.4	ug/L
		04/06/15	5.2	ug/L
		04/06/15	8	ug/L
		04/06/15	7.2	ug/L
		04/06/15	25.6	ug/L
		04/06/15	6.4	ug/L
		04/06/15	225	umh
		04/06/15	11.6	deg
		04/06/15	30.7	NTU
	Turbidity			
		04/06/15	7.3	Std.
SW-5				
		04/06/15	5.5	ug/L
		04/06/15	7.9	Std.
		04/06/15	12.2	deg
		04/06/15	746	umh
		04/06/15	43.3	ug/L
	ORP			
		04/06/15	4.55	NTU
SW-6				
		04/06/15	6.2	ug/L
		04/06/15	26.3	NTU
		04/06/15	7.6	Std.
		04/06/15	11.1	deg
		04/06/15	225	umh
		04/06/15	93.6	ug/L
SW-7				
		04/06/15	70.4	ug/L
		04/06/15	142	umh
		04/06/15	10.2	deg
		04/06/15	7.2	Std.
		04/06/15	3.95	NTU

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

Detections By Date Range

Buncombe County New Facility

From: 04/06/15 **To:** 04/06/15

Site ID	Analyte	Date	Result	
LD-1				
	1,1-Dichloroethane			
		04/06/15	1.8	ug/L
		04/06/15	1.8	ug/L
	Barium			
		04/06/15	68.4	ug/L
		04/06/15	68.4	ug/L
	Cadmium			
		04/06/15	2.8	ug/L
		04/06/15	2.8	ug/L
	Cobalt			
		04/06/15	133	ug/L
		04/06/15	133	ug/L
	Nickel			
		04/06/15	40.8	ug/L
		04/06/15	40.8	ug/L
	pH			
		04/06/15	5.7	Std.
		04/06/15	5.7	Std.
	Specific Conductance			
		04/06/15	224	umh
		04/06/15	224	umh
	Temperature			
		04/06/15	14.9	deg
		04/06/15	14.9	deg
	Turbidity			
		04/06/15	2.42	NTU
		04/06/15	2.42	NTU

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

Site ID	Analyte	Date	Result	
LD-2				
	1,1-Dichloroethane			
		04/06/15	3.2	ug/L
		04/06/15	3.2	ug/L
	Barium			
		04/06/15	140	ug/L
		04/06/15	140	ug/L
	Cobalt			
		04/06/15	37.1	ug/L
		04/06/15	37.1	ug/L
	Nickel			
		04/06/15	10	ug/L
		04/06/15	10	ug/L
	pH			
		04/06/15	5.9	Std.
		04/06/15	5.9	Std.
	Specific Conductance			
		04/06/15	283	umh
		04/06/15	283	umh
	Temperature			
		04/06/15	13.4	deg
		04/06/15	13.4	deg
	Turbidity			
		04/06/15	8.33	NTU
		04/06/15	8.33	NTU

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

Site ID	Analyte	Date	Result	
LD-3				
	Barium			
		04/06/15	397	ug/L
		04/06/15	397	ug/L
	Cadmium			
		04/06/15	3.9	ug/L
		04/06/15	3.9	ug/L
	Cobalt			
		04/06/15	71	ug/L
		04/06/15	71	ug/L
	Nickel			
		04/06/15	12.1	ug/L
		04/06/15	12.1	ug/L
	pH			
		04/06/15	6.4	Std.
		04/06/15	6.4	Std.
	Specific Conductance			
		04/06/15	462	umh
		04/06/15	462	umh
	Temperature			
		04/06/15	16.7	deg
		04/06/15	16.7	deg
	Turbidity			
		04/06/15	21	NTU
		04/06/15	21	NTU

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

Site ID	Analyte	Date	Result	
LD-4				
	1,1-Dichloroethane			
		04/06/15	1.7	ug/L
		04/06/15	1.7	ug/L
	2-Butanone			
		04/06/15	369	ug/L
		04/06/15	369	ug/L
	4-Methyl-2-pentanone			
		04/06/15	27.7	ug/L
		04/06/15	27.7	ug/L
	Acetone			
		04/06/15	118	ug/L
		04/06/15	118	ug/L
	Barium			
		04/06/15	395	ug/L
		04/06/15	395	ug/L
	Benzene			
		04/06/15	3.1	ug/L
		04/06/15	3.1	ug/L
	Chromium			
		04/06/15	122	ug/L
		04/06/15	122	ug/L
	Cobalt			
		04/06/15	10.8	ug/L
		04/06/15	10.8	ug/L
	Copper			
		04/06/15	13.3	ug/L
		04/06/15	13.3	ug/L
	Nickel			
		04/06/15	59.2	ug/L
		04/06/15	59.2	ug/L
	pH			
		04/06/15	5.5	Std.
		04/06/15	5.5	Std.
	Specific Conductance			
		04/06/15	179	umh
		04/06/15	179	umh
	Temperature			
		04/06/15	16.8	deg
		04/06/15	16.8	deg
	Toluene			
		04/06/15	2.8	ug/L
		04/06/15	2.8	ug/L
	Turbidity			
		04/06/15	5.4	NTU
		04/06/15	5.4	NTU

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

Site ID	Analyte	Date	Result	
LD-4				
	Vinyl chloride			
		04/06/15	1.3	ug/L
		04/06/15	1.3	ug/L
LD-5				
	Barium			
		04/06/15	251	ug/L
		04/06/15	251	ug/L
	Cobalt			
		04/06/15	97.6	ug/L
		04/06/15	97.6	ug/L
	Nickel			
		04/06/15	25.4	ug/L
		04/06/15	25.4	ug/L
	pH			
		04/06/15	6.3	Std.
		04/06/15	6.3	Std.
	Specific Conductance			
		04/06/15	729	umh
		04/06/15	729	umh
	Temperature			
		04/06/15	17.1	deg
		04/06/15	17.1	deg
	Thallium			
		04/06/15	9.9	ug/L
		04/06/15	9.9	ug/L
	Turbidity			
		04/06/15	9.5	NTU
		04/06/15	9.5	NTU

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

Site ID	Analyte	Date	Result	
LD-6				
	Barium			
		04/06/15	420	ug/L
		04/06/15	420	ug/L
	Cobalt			
		04/06/15	94.9	ug/L
		04/06/15	94.9	ug/L
	pH			
		04/06/15	6.4	Std.
		04/06/15	6.4	Std.
	Specific Conductance			
		04/06/15	641	umh
		04/06/15	641	umh
	Temperature			
		04/06/15	17.8	deg
		04/06/15	17.8	deg
	Thallium			
		04/06/15	7.2	ug/L
		04/06/15	7.2	ug/L
	Turbidity			
		04/06/15	5.88	NTU
		04/06/15	5.88	NTU
LEACHATE				
		04/06/15	5780	umh
		04/06/15	27.1	ug/L
		04/06/15	63.7	NTU
		04/06/15	353	ug/L
		04/06/15	21.9	ug/L
		04/06/15	154	ug/L
		04/06/15	12.3	deg
		04/06/15	8.2	Std.
		04/06/15	51.6	ug/L

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

Site ID	Analyte	Date	Result	
LEACHATE				
	2-Hexanone			
		04/06/15	13.7	ug/L
		04/06/15	13.7	ug/L
	Acetone			
		04/06/15	34.5	ug/L
		04/06/15	34.5	ug/L
	Antimony			
		04/06/15	8.7	ug/L
		04/06/15	8.7	ug/L
	Barium			
		04/06/15	235	ug/L
		04/06/15	235	ug/L
	Chromium			
		04/06/15	16.4	ug/L
		04/06/15	16.4	ug/L
	Cobalt			
		04/06/15	15	ug/L
		04/06/15	15	ug/L
	Nickel			
		04/06/15	75	ug/L
		04/06/15	75	ug/L
	pH			
		04/06/15	4.9	Std.
		04/06/15	4.9	Std.
	Selenium			
		04/06/15	18.9	ug/L
		04/06/15	18.9	ug/L
	Specific Conductance			
		04/06/15	397	umh
		04/06/15	397	umh
	Temperature			
		04/06/15	14.4	deg
		04/06/15	14.4	deg
	Turbidity			
		04/06/15	8.45	NTU
		04/06/15	8.45	NTU
	Vanadium			
		04/06/15	13.3	ug/L
		04/06/15	13.3	ug/L

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

Non-Parametric Tolerance Interval

Parameter: 1,1-Dichloroethane

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

Total Percent Non-Detects = 78.3646%
Background measurements (n) = 33
Maximum Background Concentration = 2.5
Minimum Coverage = 91.3%
Average Coverage = 97.0588%

Location	Date	Value	Significant
MW-2	05/04/92	ND<1 U	FALSE
MW-2	09/22/92	ND<2.5 U	FALSE
MW-2	04/13/93	ND<2.5 U	FALSE
MW-2	07/19/94	ND<2.5 U	FALSE
MW-2	10/25/94	ND<2.5 U	FALSE
MW-2	12/16/94	ND<2.5 U	FALSE
MW-2	03/16/95	ND<2.5 U	FALSE
MW-2	06/23/95	ND<2.5 U	FALSE
MW-2	10/04/95	ND<2.5 U	FALSE
MW-2	10/10/96	ND<2.5 U	FALSE
MW-2	05/14/97	ND<2.5 U	FALSE
MW-2	11/17/97	ND<0.5 U	FALSE
MW-2	04/15/98	ND<0.5 U	FALSE
MW-2	04/28/98	ND<0.5 U	FALSE
MW-2	11/11/98	ND<0.5 U	FALSE
MW-2	11/16/98	ND<0.5 U	FALSE
MW-2	04/27/99	ND<0.5 U	FALSE
MW-2	05/06/99	ND<0.5 U	FALSE
MW-2	11/02/99	ND<0.5 U	FALSE
MW-2	11/06/99	ND<0.5 U	FALSE
MW-2	04/04/00	ND<0.5 U	FALSE
MW-2	04/12/00	ND<0.5 U	FALSE
MW-2	11/02/00	ND<2.5 U	FALSE
MW-2	11/06/00	ND<2.5 U	FALSE
MW-2	05/02/01	ND<2.5 U	FALSE
MW-2	10/22/01	ND<1 U	FALSE
MW-2	10/24/01	ND<1 U	FALSE
MW-2	04/29/02	ND<0.5 U	FALSE
MW-2	05/02/02	ND<0.5 U	FALSE
MW-2	10/30/02	ND<2.5 U	FALSE
MW-2	03/24/03	ND<2.5 U	FALSE
MW-2	03/26/03	ND<2.5 U	FALSE
MW-2	09/29/03	ND<0.5 U	FALSE
MW-2	10/06/03	ND<2.5 U	FALSE
MW-2	03/29/04	ND<0.5 U	FALSE
MW-2	04/02/04	ND<0.5 U	FALSE
MW-2	09/27/04	ND<0.5 U	FALSE
MW-2	10/06/04	ND<2.5 U	FALSE
MW-2	03/30/05	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	09/30/05	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	09/29/06	ND<0.5 U	FALSE
MW-2	03/27/07	ND<0.5 U	FALSE
MW-2	03/30/07	ND<0.5 U	FALSE
MW-2	09/27/07	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	09/23/08	ND<0.5 U	FALSE
MW-2	09/29/08	ND<0.5 U	FALSE
MW-2	03/26/09	ND<0.5 U	FALSE
MW-2	03/31/09	ND<0.5 U	FALSE
MW-2	10/01/09	ND<0.5 U	FALSE
MW-2	10/07/09	ND<0.5 U	FALSE
MW-2	03/29/10	ND<0.5 U	FALSE
MW-2	04/06/10	ND<0.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<0.5 U	FALSE
MW-2	10/05/11	ND<0.5 U	FALSE
MW-2	10/10/11	ND<0.5 U	FALSE
MW-2	04/04/12	ND<0.5 U	FALSE
MW-2	04/10/12	ND<0.5 U	FALSE
MW-2	10/05/12	ND<0.5 U	FALSE
MW-2	10/11/12	ND<0.5 U	FALSE
MW-2	04/01/13	ND<0.16 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-2	04/07/15	ND<0.5 U	FALSE

MW-4	05/04/92	ND<1 U	FALSE
MW-4	09/21/92	ND<2.5 U	FALSE
MW-4	07/18/94	ND<2.5 U	FALSE
MW-4	12/14/94	ND<2.5 U	FALSE
MW-4	**10/15/96**	**11**	**TRUE**
MW-4	**05/13/97**	**12 I**	**TRUE**
MW-4	**11/20/97**	**19**	**TRUE**
MW-4	04/15/98	ND<0.5 U	FALSE
MW-4	04/29/98	2 I	FALSE
MW-4	11/09/98	ND<0.5 U	FALSE
MW-4	**11/16/98**	**30**	**TRUE**
MW-4	04/26/99	ND<0.5 U	FALSE
MW-4	**05/06/99**	**32**	**TRUE**
MW-4	11/01/99	ND<0.5 U	FALSE
MW-4	**11/06/99**	**46**	**TRUE**
MW-4	04/04/00	ND<0.5 U	FALSE
MW-4	**04/12/00**	**56**	**TRUE**
MW-4	**11/03/00**	**64**	**TRUE**
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	**05/03/01**	**61**	**TRUE**
MW-4	10/22/01	ND<1 U	FALSE
MW-4	**10/25/01**	**54.9**	**TRUE**
MW-4	04/29/02	ND<0.5 U	FALSE
MW-4	**05/02/02**	**51**	**TRUE**
MW-4	**10/31/02**	**74**	**TRUE**

MW-4	03/24/03	ND<2.5 U	FALSE
MW-4	**04/03/03**	**78**	**TRUE**
MW-4	09/30/03	ND<0.5 U	FALSE
MW-4	**10/03/03**	**98**	**TRUE**
MW-4	03/29/04	ND<0.5 U	FALSE
MW-4	**04/02/04**	**56**	**TRUE**
MW-4	09/27/04	ND<0.5 U	FALSE
MW-4	**09/30/04**	**100**	**TRUE**
MW-4	**03/30/05**	**73**	**TRUE**
MW-4	04/11/05	ND<0.5 U	FALSE
MW-4	09/26/05	ND<0.5 U	FALSE
MW-4	**09/29/05**	**61**	**TRUE**
MW-4	03/24/06	ND<0.5 U	FALSE
MW-4	09/27/06	ND<0.5 U	FALSE
MW-4	**09/29/06**	**46**	**TRUE**
MW-4	03/27/07	ND<0.5 U	FALSE
MW-4	**03/29/07**	**50**	**TRUE**
MW-4	**09/26/07**	**48.2**	**TRUE**
MW-4	09/28/07	ND<0.5 U	FALSE
MW-4	03/26/08	ND<0.16 U	FALSE
MW-4	**03/31/08**	**41.3**	**TRUE**
MW-4	**09/23/08**	**39.8**	**TRUE**
MW-4	09/29/08	ND<0.5 U	FALSE
MW-4	03/26/09	ND<0.5 U	FALSE
MW-4	**03/31/09**	**47.5**	**TRUE**
MW-4	10/02/09	ND<0.5 U	FALSE
MW-4	**10/07/09**	**44.3**	**TRUE**
MW-4	**03/30/10**	**30.1**	**TRUE**
MW-4	04/06/10	ND<0.5 U	FALSE
MW-4	**09/28/10**	**42.8**	**TRUE**
MW-4	10/07/10	ND<0.5 U	FALSE
MW-4	03/29/11	ND<0.5 U	FALSE
MW-4	**04/04/11**	**32.5**	**TRUE**
MW-4	10/05/11	ND<0.5 U	FALSE
MW-4	**10/10/11**	**36.2**	**TRUE**
MW-4	04/05/12	ND<0.5 U	FALSE
MW-4	**04/10/12**	**32.8**	**TRUE**
MW-4	10/04/12	ND<0.5 U	FALSE
MW-4	**10/10/12**	**27.7**	**TRUE**
MW-4	**04/01/13**	**24.7**	**TRUE**
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-4	04/07/15	ND<0.5 U	FALSE

MW-5	05/04/92	ND<1 U	FALSE
MW-5	09/21/92	ND<2.5 U	FALSE
MW-5	**07/15/94**	**24**	**TRUE**
MW-5	**10/21/94**	**26**	**TRUE**
MW-5	**12/14/94**	**25**	**TRUE**
MW-5	**03/16/95**	**26**	**TRUE**
MW-5	**06/22/95**	**31**	**TRUE**
MW-5	**10/04/95**	**24**	**TRUE**
MW-5	**10/16/96**	**18**	**TRUE**
MW-5	**05/13/97**	**16 I**	**TRUE**

MW-5	**11/20/97**	**18**	**TRUE**
MW-5	04/13/98	ND<0.5 U	FALSE
MW-5	**04/29/98**	**15**	**TRUE**
MW-5	11/11/98	ND<0.5 U	FALSE
MW-5	**11/16/98**	**17**	**TRUE**
MW-5	04/26/99	ND<0.5 U	FALSE
MW-5	**05/06/99**	**14**	**TRUE**
MW-5	11/02/99	ND<0.5 U	FALSE
MW-5	**11/06/99**	**16**	**TRUE**
MW-5	04/03/00	ND<0.5 U	FALSE
MW-5	**04/12/00**	**13**	**TRUE**
MW-5	**11/01/00**	**8.53**	**TRUE**
MW-5	11/06/00	ND<2.5 U	FALSE
MW-5	**05/03/01**	**8.6**	**TRUE**
MW-5	10/22/01	ND<1 U	FALSE
MW-5	**10/24/01**	**6.91**	**TRUE**
MW-5	04/29/02	ND<0.5 U	FALSE
MW-5	**05/01/02**	**6.3**	**TRUE**
MW-5	12/03/02	ND<2.5 U	FALSE
MW-5	03/24/03	ND<2.5 U	FALSE
MW-5	04/03/03	ND<2.5 U	FALSE
MW-5	09/29/03	ND<0.5 U	FALSE
MW-5	10/03/03	ND<2.5 U	FALSE
MW-5	03/30/04	ND<0.5 U	FALSE
MW-5	**04/02/04**	**3.4**	**TRUE**
MW-5	09/27/04	ND<0.5 U	FALSE
MW-5	09/30/04	ND<2.5 U	FALSE
MW-5	**03/30/05**	**3.1**	**TRUE**
MW-5	04/12/05	ND<0.5 U	FALSE
MW-5	09/26/05	ND<0.5 U	FALSE
MW-5	**09/29/05**	**3.4**	**TRUE**
MW-5	03/24/06	ND<0.5 U	FALSE
MW-5	09/26/06	ND<0.5 U	FALSE
MW-5	09/29/06	2.5	FALSE
MW-5	03/27/07	ND<0.5 U	FALSE
MW-5	03/29/07	2.5	FALSE
MW-5	09/26/07	2.2	FALSE
MW-5	09/27/07	ND<0.5 U	FALSE
MW-5	03/26/08	ND<0.16 U	FALSE
MW-5	03/31/08	1.8	FALSE
MW-5	09/23/08	1.6	FALSE
MW-5	09/30/08	ND<0.5 U	FALSE
MW-5	03/26/09	ND<0.5 U	FALSE
MW-5	03/30/09	1.9	FALSE
MW-5	10/02/09	ND<0.5 U	FALSE
MW-5	10/07/09	1.3	FALSE
MW-5	03/30/10	1.1	FALSE
MW-5	04/02/10	ND<0.5 U	FALSE
MW-5	09/28/10	1.4	FALSE
MW-5	10/06/10	ND<0.5 U	FALSE
MW-5	03/25/11	ND<0.5 U	FALSE
MW-5	04/04/11	1.3	FALSE
MW-5	10/05/11	ND<0.5 U	FALSE
MW-5	10/10/11	1.3	FALSE
MW-5	04/05/12	ND<0.5 U	FALSE
MW-5	04/10/12	1.3	FALSE
MW-5	10/03/12	ND<0.5 U	FALSE

MW-5	10/10/12	1.2	FALSE
MW-5	04/01/13	1	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-5	04/08/15	ND<0.5 U	FALSE

MW-6	05/04/92	ND<1 U	FALSE
MW-6	09/21/92	ND<2.5 U	FALSE
MW-6	**07/15/94**	**12**	**TRUE**
MW-6	**10/21/94**	**24**	**TRUE**
MW-6	**12/14/94**	**21**	**TRUE**
MW-6	**03/16/95**	**30**	**TRUE**
MW-6	06/22/95	ND<2.5 U	FALSE
MW-6	**10/04/95**	**33**	**TRUE**
MW-6	**10/15/96**	**39**	**TRUE**
MW-6	**11/20/97**	**41**	**TRUE**
MW-6	04/13/98	ND<0.5 U	FALSE
MW-6	**04/28/98**	**30**	**TRUE**
MW-6	11/11/98	ND<0.5 U	FALSE
MW-6	**11/16/98**	**35**	**TRUE**
MW-6	04/26/99	ND<0.5 U	FALSE
MW-6	**05/05/99**	**26**	**TRUE**
MW-6	11/02/99	ND<0.5 U	FALSE
MW-6	**11/05/99**	**35**	**TRUE**
MW-6	04/03/00	ND<0.5 U	FALSE
MW-6	**04/12/00**	**30**	**TRUE**
MW-6	**11/02/00**	**19**	**TRUE**
MW-6	11/06/00	ND<2.5 U	FALSE
MW-6	**05/03/01**	**14**	**TRUE**
MW-6	10/22/01	ND<1 U	FALSE
MW-6	**10/24/01**	**23.2**	**TRUE**
MW-6	04/29/02	ND<0.5 U	FALSE
MW-6	**05/02/02**	**23**	**TRUE**
MW-6	12/03/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	**04/25/03**	**28**	**TRUE**
MW-6	09/29/03	ND<0.5 U	FALSE
MW-6	**10/02/03**	**29**	**TRUE**
MW-6	03/30/04	ND<0.5 U	FALSE
MW-6	**04/02/04**	**32**	**TRUE**
MW-6	09/27/04	ND<0.5 U	FALSE
MW-6	**09/29/04**	**26**	**TRUE**
MW-6	**03/30/05**	**28**	**TRUE**
MW-6	04/12/05	ND<0.5 U	FALSE
MW-6	09/26/05	ND<0.5 U	FALSE
MW-6	**09/30/05**	**21**	**TRUE**
MW-6	03/24/06	ND<0.5 U	FALSE
MW-6	09/26/06	ND<0.5 U	FALSE
MW-6	**09/29/06**	**14**	**TRUE**
MW-6	03/27/07	ND<0.5 U	FALSE
MW-6	**03/29/07**	**11**	**TRUE**
MW-6	**09/27/07**	**10.9**	**TRUE**
MW-6	03/26/08	ND<0.16 U	FALSE
MW-6	**04/01/08**	**11.9**	**TRUE**

MW-6	**09/23/08**	**14.1**	**TRUE**
MW-6	09/30/08	ND<0.5 U	FALSE
MW-6	03/26/09	ND<0.5 U	FALSE
MW-6	**03/31/09**	**17.8**	**TRUE**
MW-6	10/02/09	ND<0.5 U	FALSE
MW-6	**10/07/09**	**11.3**	**TRUE**
MW-6	**03/30/10**	**12.8**	**TRUE**
MW-6	04/02/10	ND<0.5 U	FALSE
MW-6	10/06/10	ND<0.5 U	FALSE
MW-6	**10/22/10**	**9.5**	**TRUE**
MW-6	03/25/11	ND<0.5 U	FALSE
MW-6	**04/07/11**	**8.9**	**TRUE**
MW-6	10/05/11	ND<0.5 U	FALSE
MW-6	**10/11/11**	**8.7**	**TRUE**
MW-6	04/04/12	ND<0.5 U	FALSE
MW-6	**04/10/12**	**9.6**	**TRUE**
MW-6	10/03/12	ND<0.5 U	FALSE
MW-6	**10/11/12**	**9.4**	**TRUE**
MW-6	**04/01/13**	**6.8**	**TRUE**
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-6	04/07/15	ND<0.5 U	FALSE

MW-7	04/08/93	ND<2.5 U	FALSE
MW-7	07/14/94	ND<2.5 U	FALSE
MW-7	**12/14/94**	**7.4**	**TRUE**
MW-7	03/16/95	ND<2.5 U	FALSE
MW-7	**10/11/96**	**16**	**TRUE**
MW-7	05/12/97	ND<2.5 U	FALSE
MW-7	**11/17/97**	**13**	**TRUE**
MW-7	04/13/98	ND<0.5 U	FALSE
MW-7	**04/28/98**	**5**	**TRUE**
MW-7	**11/11/98**	**20**	**TRUE**
MW-7	04/26/99	ND<0.5 U	FALSE
MW-7	**05/05/99**	**13**	**TRUE**
MW-7	11/02/99	ND<0.5 U	FALSE
MW-7	**11/06/99**	**28**	**TRUE**
MW-7	04/03/00	ND<0.5 U	FALSE
MW-7	**04/13/00**	**19**	**TRUE**
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	**09/30/05**	**6.8**	**TRUE**
MW-7	03/24/06	ND<0.5 U	FALSE
MW-7	09/26/06	ND<0.5 U	FALSE
MW-7	**09/29/06**	**8**	**TRUE**
MW-7	03/27/07	ND<0.5 U	FALSE
MW-7	**03/29/07**	**14**	**TRUE**

MW-7	**09/26/07**	**20.6**	**TRUE**
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	**04/01/13**	**11**	**TRUE**
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
MW-7	04/09/15	1.2	FALSE

MW-8	04/08/93	ND<2.5 U	FALSE
MW-8	07/14/94	ND<2.5 U	FALSE
MW-8	12/15/94	ND<2.5 U	FALSE
MW-8	10/15/96	ND<2.5 U	FALSE
MW-8	05/12/97	ND<2.5 U	FALSE
MW-8	11/19/97	ND<0.5 U	FALSE
MW-8	04/17/98	ND<0.5 U	FALSE
MW-8	04/28/98	ND<0.5 U	FALSE
MW-8	11/10/98	ND<0.5 U	FALSE
MW-8	11/11/98	ND<0.5 U	FALSE
MW-8	04/26/99	ND<0.5 U	FALSE
MW-8	05/05/99	ND<0.5 U	FALSE
MW-8	11/01/99	ND<0.5 U	FALSE
MW-8	11/06/99	ND<0.5 U	FALSE
MW-8	04/03/00	ND<0.5 U	FALSE
MW-8	04/13/00	ND<0.5 U	FALSE
MW-8	11/01/00	ND<2.5 U	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	05/02/01	ND<2.5 U	FALSE
MW-8	10/22/01	ND<1 U	FALSE
MW-8	10/24/01	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	05/02/02	ND<0.5 U	FALSE
MW-8	10/31/02	ND<2.5 U	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	03/28/03	ND<2.5 U	FALSE
MW-8	09/30/03	ND<0.5 U	FALSE
MW-8	10/02/03	ND<0.5 U	FALSE
MW-8	03/30/04	ND<0.5 U	FALSE
MW-8	04/01/04	ND<0.5 U	FALSE
MW-8	09/27/04	ND<0.5 U	FALSE
MW-8	09/29/04	ND<0.5 U	FALSE
MW-8	03/29/05	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-8	04/08/15	ND<0.5 U	FALSE

MW-10	07/14/94	ND<2.5 U	FALSE
MW-10	12/14/94	ND<2.5 U	FALSE
MW-10	10/15/96	ND<2.5 U	FALSE
MW-10	11/19/97	ND<0.5 U	FALSE
MW-10	04/29/98	ND<0.5 U	FALSE
MW-10	11/11/98	ND<0.5 U	FALSE
MW-10	05/05/99	ND<0.5 U	FALSE
MW-10	11/06/99	ND<0.5 U	FALSE
MW-10	04/13/00	ND<0.5 U	FALSE
MW-10	11/01/00	ND<2.5 U	FALSE
MW-10	05/02/01	ND<2.5 U	FALSE
MW-10	10/24/01	ND<1 U	FALSE
MW-10	04/30/02	ND<0.5 U	FALSE
MW-10	05/02/02	ND<0.5 U	FALSE
MW-10	03/25/03	ND<2.5 U	FALSE
MW-10	03/28/03	ND<2.5 U	FALSE
MW-10	09/30/03	ND<0.5 U	FALSE
MW-10	10/02/03	ND<0.5 U	FALSE
MW-10	03/30/04	ND<0.5 U	FALSE
MW-10	04/01/04	ND<0.5 U	FALSE
MW-10	09/27/04	ND<0.5 U	FALSE
MW-10	09/29/04	ND<0.5 U	FALSE
MW-10	03/29/05	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-10	04/07/15	ND<0.5 U	FALSE

MW-14	07/18/94	ND<2.5 U	FALSE
MW-14	12/14/94	ND<2.5 U	FALSE
MW-14	10/11/96	ND<2.5 U	FALSE
MW-14	05/12/97	ND<2.5 U	FALSE
MW-14	11/18/97	ND<0.5 U	FALSE
MW-14	04/28/98	ND<0.5 U	FALSE
MW-14	11/12/98	ND<0.5 U	FALSE
MW-14	05/05/99	ND<0.5 U	FALSE
MW-14	11/03/99	ND<0.5 U	FALSE
MW-14	04/06/00	ND<0.5 U	FALSE
MW-14	11/02/00	ND<2.5 U	FALSE
MW-14	05/02/01	ND<2.5 U	FALSE
MW-14	10/24/01	ND<1 U	FALSE
MW-14	04/30/02	ND<0.5 U	FALSE
MW-14	10/31/02	ND<2.5 U	FALSE
MW-14	03/28/03	ND<2.5 U	FALSE
MW-14	10/01/03	ND<0.5 U	FALSE
MW-14	03/31/04	ND<0.5 U	FALSE
MW-14	09/29/04	ND<0.5 U	FALSE
MW-14	03/25/05	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-14	04/08/15	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
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-11	04/08/15	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
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-12	04/09/15	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-13	04/07/15	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
MW-15S	04/08/15	ND<0.5 U	FALSE
MW-3R	07/29/14	ND<0.5 U	FALSE
MW-3R	10/01/14	ND<0.5 U	FALSE
MW-3R	04/07/15	ND<0.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: 2,4-D

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

Total Percent Non-Detects = 88.4615%
Background measurements (n) = 5
Maximum Background Concentration = 0.475
Minimum Coverage = 54.9%
Average Coverage = 83.3333%

Location	Date	Value	Significant
MW-5	06/22/95	ND<0.145 U	FALSE
MW-5	**11/16/98**	**ND<0.5 U**	**TRUE**
MW-5	**11/06/99**	**ND<0.5 U**	**TRUE**
MW-5	**11/01/00**	**4.64**	**TRUE**
MW-5	**10/24/01**	**ND<1 U**	**TRUE**
MW-5	**12/03/02**	**ND<1 U**	**TRUE**
MW-5	**10/03/03**	**ND<1 U**	**TRUE**
MW-5	**09/30/04**	**ND<1 U**	**TRUE**
MW-5	**09/29/05**	**ND<1 U**	**TRUE**
MW-5	10/10/11	ND<0.47 U	FALSE
MW-5	10/10/12	ND<0.475 U	FALSE
MW-5	04/11/13	ND<0.115 U	FALSE
MW-6	06/22/95	ND<0.145 U	FALSE
MW-6	**11/16/98**	**ND<0.5 U**	**TRUE**
MW-6	**11/05/99**	**ND<0.5 U**	**TRUE**
MW-6	**11/02/00**	**ND<1 U**	**TRUE**
MW-6	**10/24/01**	**ND<1 U**	**TRUE**
MW-6	**12/03/02**	**ND<1 U**	**TRUE**
MW-6	**10/02/03**	**ND<1 U**	**TRUE**
MW-6	**09/29/04**	**ND<1 U**	**TRUE**
MW-6	**09/30/05**	**ND<1 U**	**TRUE**
MW-6	10/11/11	ND<0.47 U	FALSE
MW-6	10/11/12	ND<0.475 U	FALSE
MW-6	04/09/13	ND<0.115 U	FALSE
MW-2	06/23/95	ND<0.145 U	FALSE
MW-2	**11/16/98**	**ND<0.5 U**	**TRUE**
MW-2	**11/06/99**	**ND<0.5 U**	**TRUE**
MW-2	**11/03/00**	**ND<1 U**	**TRUE**
MW-2	**10/24/01**	**ND<1 U**	**TRUE**
MW-2	**10/30/02**	**ND<1 U**	**TRUE**
MW-2	**10/06/03**	**ND<1 U**	**TRUE**
MW-2	**10/27/04**	**ND<1 U**	**TRUE**
MW-2	**09/30/05**	**ND<1 U**	**TRUE**
MW-2	09/27/10	ND<0.47 U	FALSE
MW-2	10/10/11	ND<0.47 U	FALSE
MW-2	10/11/12	ND<0.475 U	FALSE
MW-2	04/10/13	ND<0.115 U	FALSE
MW-11	04/09/13	ND<0.115 U	FALSE

MW-13	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-7	**04/09/15**	**3.7**	**TRUE**
MW-8	04/09/13	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

Two-Sample Test of Proportions

Parameter: 2,4-D

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 5
Compliance measurements = 47
Comparison Level = 70

0 background measurements exceed 70
0 compliance measurements exceed 70

p background = 0 = 0 / 5
p compliance = 0 = 0 / 47
p total = 0 = 0 / 52

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 47
m(1-Pb = 5

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Barium

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

Total Percent Non-Detects = 5.06536%
Background measurements (n) = 35
Maximum Background Concentration = 709
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-2	**09/12/90**	**1300**	**TRUE**
MW-2	09/25/91	190	FALSE
MW-2	04/16/92	120	FALSE
MW-2	09/22/92	ND<50 U	FALSE
MW-2	04/13/93	ND<50 U	FALSE
MW-2	07/19/94	ND<50 U	FALSE
MW-2	10/25/94	ND<50 U	FALSE
MW-2	12/16/94	ND<50 U	FALSE
MW-2	03/16/95	ND<50 U	FALSE
MW-2	06/23/95	ND<50 U	FALSE
MW-2	10/04/95	ND<50 U	FALSE
MW-2	10/10/96	ND<50 U	FALSE
MW-2	05/14/97	17	FALSE
MW-2	11/17/97	15	FALSE
MW-2	04/15/98	527	FALSE
MW-2	04/28/98	15	FALSE
MW-2	11/11/98	441	FALSE
MW-2	11/16/98	18	FALSE
MW-2	04/27/99	91	FALSE
MW-2	05/06/99	20	FALSE
MW-2	11/02/99	240	FALSE
MW-2	11/06/99	18	FALSE
MW-2	04/04/00	213	FALSE
MW-2	04/12/00	23	FALSE
MW-2	11/02/00	18	FALSE
MW-2	11/06/00	210	FALSE
MW-2	04/30/01	140	FALSE
MW-2	05/02/01	66	FALSE
MW-2	10/22/01	680	FALSE
MW-2	10/24/01	250	FALSE
MW-2	**04/29/02**	**1100**	**TRUE**
MW-2	05/02/02	160	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	10/30/02	43	FALSE
MW-2	03/24/03	120	FALSE
MW-2	03/26/03	27	FALSE
MW-2	09/29/03	410	FALSE
MW-2	10/06/03	21	FALSE
MW-2	03/29/04	280	FALSE
MW-2	04/02/04	19	FALSE
MW-2	**09/27/04**	**1100**	**TRUE**
MW-2	10/06/04	20	FALSE
MW-2	03/30/05	23	FALSE
MW-2	**04/11/05**	**1000**	**TRUE**

MW-2	09/26/05	610	FALSE
MW-2	**09/30/05**	**22000**	**TRUE**
MW-2	**03/23/06**	**970**	**TRUE**
MW-2	09/28/06	300	FALSE
MW-2	09/29/06	18	FALSE
MW-2	03/27/07	72 J	FALSE
MW-2	03/30/07	ND<50 U	FALSE
MW-2	09/27/07	15.1	FALSE
MW-2	**09/28/07**	**1080**	**TRUE**
MW-2	03/26/08	61	FALSE
MW-2	09/23/08	21.1	FALSE
MW-2	09/29/08	175	FALSE
MW-2	03/26/09	518	FALSE
MW-2	03/31/09	18	FALSE
MW-2	**10/01/09**	**955**	**TRUE**
MW-2	10/07/09	17.6	FALSE
MW-2	03/29/10	19.1	FALSE
MW-2	04/06/10	80.9	FALSE
MW-2	09/27/10	18.7	FALSE
MW-2	10/08/10	86.7	FALSE
MW-2	03/25/11	65.4	FALSE
MW-2	04/05/11	17.1	FALSE
MW-2	10/05/11	136	FALSE
MW-2	10/10/11	19.7	FALSE
MW-2	04/04/12	63	FALSE
MW-2	04/10/12	23.4	FALSE
MW-2	10/05/12	78	FALSE
MW-2	10/11/12	17	FALSE
MW-2	04/01/13	17.7	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-2	04/07/15	70.1	FALSE

MW-4	09/12/90	210	FALSE
MW-4	09/26/91	140	FALSE
MW-4	04/16/92	210	FALSE
MW-4	09/21/92	ND<50 U	FALSE
MW-4	07/18/94	ND<50 U	FALSE
MW-4	12/14/94	ND<50 U	FALSE
MW-4	05/13/97	131	FALSE
MW-4	11/20/97	143	FALSE
MW-4	**04/15/98**	**911**	**TRUE**
MW-4	04/29/98	168	FALSE
MW-4	11/09/98	302	FALSE
MW-4	11/16/98	174	FALSE
MW-4	04/26/99	110	FALSE
MW-4	05/06/99	180	FALSE
MW-4	10/11/99	114	FALSE
MW-4	11/01/99	140	FALSE
MW-4	11/06/99	170	FALSE
MW-4	04/04/00	208	FALSE
MW-4	04/12/00	193	FALSE
MW-4	11/03/00	240	FALSE
MW-4	11/06/00	100	FALSE

MW-4	04/30/01	96	FALSE
MW-4	05/03/01	250	FALSE
MW-4	10/22/01	200	FALSE
MW-4	10/25/01	280	FALSE
MW-4	04/29/02	140	FALSE
MW-4	05/02/02	280	FALSE
MW-4	10/28/02	120	FALSE
MW-4	10/31/02	200	FALSE
MW-4	03/24/03	110	FALSE
MW-4	04/03/03	210	FALSE
MW-4	09/30/03	87	FALSE
MW-4	10/03/03	230	FALSE
MW-4	03/29/04	200	FALSE
MW-4	04/02/04	240	FALSE
MW-4	09/27/04	86	FALSE
MW-4	09/30/04	270	FALSE
MW-4	03/30/05	270	FALSE
MW-4	04/11/05	470	FALSE
MW-4	09/26/05	160	FALSE
MW-4	**09/29/05**	**310000**	**TRUE**
MW-4	03/24/06	250	FALSE
MW-4	09/27/06	77	FALSE
MW-4	09/29/06	300	FALSE
MW-4	03/27/07	72 J	FALSE
MW-4	03/29/07	330	FALSE
MW-4	09/26/07	311	FALSE
MW-4	09/28/07	87.8	FALSE
MW-4	03/26/08	74.9	FALSE
MW-4	03/31/08	329	FALSE
MW-4	09/23/08	331	FALSE
MW-4	09/29/08	85.4	FALSE
MW-4	03/26/09	61.1	FALSE
MW-4	03/31/09	330	FALSE
MW-4	10/02/09	69.8	FALSE
MW-4	10/07/09	397	FALSE
MW-4	03/30/10	419	FALSE
MW-4	04/06/10	71.2	FALSE
MW-4	09/28/10	436	FALSE
MW-4	10/07/10	63.3	FALSE
MW-4	03/29/11	62.2	FALSE
MW-4	04/04/11	464	FALSE
MW-4	10/05/11	95.5	FALSE
MW-4	10/10/11	496	FALSE
MW-4	04/05/12	59.4	FALSE
MW-4	04/10/12	459	FALSE
MW-4	10/04/12	65.8	FALSE
MW-4	10/10/12	484	FALSE
MW-4	04/01/13	485	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-4	04/07/15	75.9	FALSE

MW-5	09/26/91	180	FALSE
MW-5	04/16/92	ND<50 U	FALSE

MW-5	09/21/92	ND<50 U	FALSE
MW-5	07/15/94	ND<50 U	FALSE
MW-5	10/21/94	ND<50 U	FALSE
MW-5	12/14/94	110	FALSE
MW-5	03/16/95	104	FALSE
MW-5	06/22/95	131	FALSE
MW-5	10/04/95	131	FALSE
MW-5	05/13/97	111	FALSE
MW-5	11/20/97	98	FALSE
MW-5	04/13/98	484	FALSE
MW-5	04/29/98	107	FALSE
MW-5	11/11/98	331	FALSE
MW-5	11/16/98	106	FALSE
MW-5	04/26/99	42	FALSE
MW-5	05/06/99	110	FALSE
MW-5	10/11/99	110	FALSE
MW-5	11/02/99	52	FALSE
MW-5	11/06/99	110	FALSE
MW-5	04/03/00	63	FALSE
MW-5	04/12/00	116	FALSE
MW-5	11/01/00	120	FALSE
MW-5	**11/06/00**	**1500**	**TRUE**
MW-5	04/30/01	76	FALSE
MW-5	05/03/01	210	FALSE
MW-5	10/22/01	46	FALSE
MW-5	10/24/01	180	FALSE
MW-5	04/29/02	280	FALSE
MW-5	05/01/02	190	FALSE
MW-5	10/28/02	12	FALSE
MW-5	10/31/02	150	FALSE
MW-5	03/24/03	52	FALSE
MW-5	04/03/03	130	FALSE
MW-5	09/29/03	67	FALSE
MW-5	10/03/03	120	FALSE
MW-5	03/30/04	120	FALSE
MW-5	04/02/04	120	FALSE
MW-5	09/27/04	74	FALSE
MW-5	09/30/04	110	FALSE
MW-5	03/30/05	120	FALSE
MW-5	04/12/05	69	FALSE
MW-5	09/26/05	78	FALSE
MW-5	**09/29/05**	**120000**	**TRUE**
MW-5	03/24/06	78	FALSE
MW-5	09/26/06	130	FALSE
MW-5	09/29/06	110	FALSE
MW-5	03/27/07	98 J	FALSE
MW-5	03/29/07	110	FALSE
MW-5	09/26/07	103	FALSE
MW-5	09/27/07	89.9	FALSE
MW-5	03/26/08	103	FALSE
MW-5	03/31/08	115	FALSE
MW-5	09/23/08	117	FALSE
MW-5	09/30/08	96.9	FALSE
MW-5	03/26/09	106	FALSE
MW-5	03/30/09	118	FALSE
MW-5	10/02/09	152	FALSE
MW-5	10/07/09	127	FALSE

MW-5	03/30/10	136	FALSE
MW-5	04/02/10	92.7	FALSE
MW-5	09/28/10	119	FALSE
MW-5	10/06/10	90.9	FALSE
MW-5	03/25/11	96.5	FALSE
MW-5	04/04/11	129	FALSE
MW-5	10/05/11	102	FALSE
MW-5	10/10/11	141	FALSE
MW-5	04/05/12	96.6	FALSE
MW-5	04/10/12	131	FALSE
MW-5	10/03/12	98.2	FALSE
MW-5	10/10/12	132	FALSE
MW-5	04/01/13	138	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-5	04/08/15	102	FALSE

MW-6	09/26/91	290	FALSE
MW-6	04/16/92	ND<50 U	FALSE
MW-6	09/21/92	200	FALSE
MW-6	07/15/94	655	FALSE
MW-6	**10/21/94**	**741**	**TRUE**
MW-6	**12/14/94**	**747**	**TRUE**
MW-6	**03/16/95**	**841**	**TRUE**
MW-6	**06/22/95**	**851**	**TRUE**
MW-6	**10/04/95**	**836**	**TRUE**
MW-6	**05/07/97**	**910**	**TRUE**
MW-6	**11/20/97**	**837**	**TRUE**
MW-6	04/13/98	209	FALSE
MW-6	**04/28/98**	**847**	**TRUE**
MW-6	11/11/98	265	FALSE
MW-6	**11/16/98**	**783**	**TRUE**
MW-6	04/26/99	131	FALSE
MW-6	**05/05/99**	**870**	**TRUE**
MW-6	**10/11/99**	**1660**	**TRUE**
MW-6	11/02/99	120	FALSE
MW-6	**11/05/99**	**930**	**TRUE**
MW-6	04/03/00	105	FALSE
MW-6	**04/12/00**	**970**	**TRUE**
MW-6	**11/02/00**	**960**	**TRUE**
MW-6	**11/06/00**	**1400**	**TRUE**
MW-6	04/30/01	400	FALSE
MW-6	**05/03/01**	**1000**	**TRUE**
MW-6	**10/22/01**	**1900**	**TRUE**
MW-6	**10/24/01**	**1100**	**TRUE**
MW-6	**04/29/02**	**1000**	**TRUE**
MW-6	**05/02/02**	**1000**	**TRUE**
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	**10/31/02**	**870**	**TRUE**
MW-6	03/25/03	59	FALSE
MW-6	**04/25/03**	**970**	**TRUE**
MW-6	**09/29/03**	**1100**	**TRUE**
MW-6	**10/02/03**	**960**	**TRUE**
MW-6	03/30/04	54	FALSE

MW-6	**04/02/04**	**1100**	**TRUE**
MW-6	09/27/04	180	FALSE
MW-6	**09/29/04**	**880**	**TRUE**
MW-6	**03/30/05**	**960**	**TRUE**
MW-6	**04/12/05**	**1400**	**TRUE**
MW-6	09/26/05	180	FALSE
MW-6	**09/30/05**	**1e+006**	**TRUE**
MW-6	03/24/06	230	FALSE
MW-6	09/26/06	320	FALSE
MW-6	**09/29/06**	**770**	**TRUE**
MW-6	03/27/07	51 J	FALSE
MW-6	**03/29/07**	**1100**	**TRUE**
MW-6	**09/27/07**	**1020**	**TRUE**
MW-6	03/26/08	165	FALSE
MW-6	**04/01/08**	**1070**	**TRUE**
MW-6	**09/23/08**	**958**	**TRUE**
MW-6	09/30/08	64.9	FALSE
MW-6	03/26/09	71	FALSE
MW-6	**03/31/09**	**958**	**TRUE**
MW-6	10/02/09	61.4	FALSE
MW-6	**10/07/09**	**850**	**TRUE**
MW-6	**03/30/10**	**1100**	**TRUE**
MW-6	04/02/10	143	FALSE
MW-6	10/06/10	52.1	FALSE
MW-6	**10/22/10**	**1140**	**TRUE**
MW-6	03/25/11	52.9	FALSE
MW-6	**04/07/11**	**1240**	**TRUE**
MW-6	10/05/11	57.2	FALSE
MW-6	**10/11/11**	**1150**	**TRUE**
MW-6	04/04/12	55	FALSE
MW-6	**04/10/12**	**1060**	**TRUE**
MW-6	10/03/12	58.6	FALSE
MW-6	**10/11/12**	**1220**	**TRUE**
MW-6	**04/01/13**	**1200**	**TRUE**
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-6	04/07/15	50	FALSE

MW-7	04/08/93	160	FALSE
MW-7	07/14/94	168	FALSE
MW-7	12/14/94	213	FALSE
MW-7	03/16/95	176	FALSE
MW-7	05/12/97	168	FALSE
MW-7	11/17/97	245	FALSE
MW-7	04/13/98	271	FALSE
MW-7	04/28/98	181	FALSE
MW-7	11/11/98	243	FALSE
MW-7	**04/26/99**	**730**	**TRUE**
MW-7	05/05/99	220	FALSE
MW-7	10/11/99	230	FALSE
MW-7	11/02/99	70	FALSE
MW-7	11/06/99	220	FALSE
MW-7	04/03/00	63	FALSE
MW-7	04/13/00	198	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	**09/30/05**	**200000**	**TRUE**
MW-7	03/24/06	170	FALSE
MW-7	09/26/06	180	FALSE
MW-7	09/29/06	190	FALSE
MW-7	03/27/07	200	FALSE
MW-7	03/29/07	200	FALSE
MW-7	09/26/07	171	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
MW-7	10/03/12	137	FALSE
MW-7	04/01/13	229	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-7	04/09/15	206	FALSE

MW-8	04/08/93	ND<50 U	FALSE
MW-8	07/14/94	ND<50 U	FALSE
MW-8	12/15/94	ND<50 U	FALSE
MW-8	05/12/97	110	FALSE
MW-8	11/19/97	87	FALSE
MW-8	04/17/98	115	FALSE
MW-8	04/28/98	79	FALSE
MW-8	11/10/98	274	FALSE
MW-8	11/11/98	185	FALSE
MW-8	04/26/99	90	FALSE
MW-8	05/05/99	42	FALSE
MW-8	10/11/99	534	FALSE
MW-8	11/01/99	60	FALSE
MW-8	11/06/99	140	FALSE
MW-8	04/03/00	48	FALSE
MW-8	04/13/00	74	FALSE
MW-8	11/01/00	300	FALSE
MW-8	11/07/00	150	FALSE
MW-8	04/30/01	210	FALSE
MW-8	05/02/01	280	FALSE

MW-8	10/22/01	480	FALSE
MW-8	**10/24/01**	**2700**	**TRUE**
MW-8	01/14/02	100	FALSE
MW-8	04/29/02	260	FALSE
MW-8	**05/02/02**	**2100**	**TRUE**
MW-8	10/28/02	59	FALSE
MW-8	10/31/02	520	FALSE
MW-8	03/25/03	62	FALSE
MW-8	03/28/03	320	FALSE
MW-8	09/30/03	70	FALSE
MW-8	10/02/03	230	FALSE
MW-8	03/30/04	87	FALSE
MW-8	04/01/04	270	FALSE
MW-8	09/27/04	100	FALSE
MW-8	09/29/04	120	FALSE
MW-8	03/29/05	160	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
MW-8	04/08/15	117	FALSE

MW-10	07/14/94	ND<50 U	FALSE
MW-10	12/14/94	ND<50 U	FALSE
MW-10	05/07/97	56	FALSE
MW-10	11/19/97	53	FALSE
MW-10	04/29/98	93	FALSE
MW-10	11/11/98	67	FALSE
MW-10	05/05/99	61	FALSE
MW-10	10/11/99	ND<50 U	FALSE
MW-10	11/06/99	63	FALSE
MW-10	04/13/00	69	FALSE
MW-10	11/01/00	76	FALSE
MW-10	05/02/01	540	FALSE
MW-10	10/24/01	220	FALSE
MW-10	04/30/02	140	FALSE
MW-10	05/02/02	250	FALSE
MW-10	10/29/02	550	FALSE
MW-10	03/25/03	320	FALSE
MW-10	03/28/03	75	FALSE

MW-10	09/30/03	240	FALSE
MW-10	10/02/03	57	FALSE
MW-10	03/30/04	150	FALSE
MW-10	04/01/04	63	FALSE
MW-10	09/27/04	340	FALSE
MW-10	09/29/04	59	FALSE
MW-10	03/29/05	55	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
MW-10	04/07/15	131	FALSE

MW-14	07/18/94	ND<50 U	FALSE
MW-14	12/14/94	ND<50 U	FALSE
MW-14	05/12/97	17	FALSE
MW-14	11/18/97	18	FALSE
MW-14	04/28/98	20	FALSE
MW-14	11/12/98	21	FALSE
MW-14	05/05/99	20	FALSE
MW-14	10/11/99	ND<50 U	FALSE
MW-14	11/03/99	17	FALSE
MW-14	04/06/00	18	FALSE
MW-14	11/02/00	25	FALSE
MW-14	05/02/01	22	FALSE
MW-14	10/24/01	22	FALSE
MW-14	04/30/02	22	FALSE
MW-14	10/31/02	20	FALSE
MW-14	03/28/03	20	FALSE
MW-14	10/01/03	19	FALSE
MW-14	03/31/04	18	FALSE
MW-14	09/29/04	21	FALSE
MW-14	03/25/05	17	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
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-14	04/08/15	144	FALSE

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-11	04/08/15	82.7	FALSE

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-12	04/09/15	71.3	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-13	04/07/15	106	FALSE
MW-15S	10/10/13	192	FALSE
MW-15S	04/11/14	188	FALSE
MW-15S	10/02/14	186	FALSE
MW-15S	04/08/15	234	FALSE
MW-3R	07/29/14	116	FALSE
MW-3R	10/01/14	159	FALSE
MW-3R	04/07/15	132	FALSE

Non-Parametric Tolerance Interval

Parameter: Beryllium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 91.7647%
Background measurements (n) = 35
Maximum Background Concentration = 2.1
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-10	07/14/94	ND<1 U	FALSE
MW-10	12/14/94	ND<1 U	FALSE
MW-10	05/07/97	ND<0.5 U	FALSE
MW-10	11/19/97	ND<0.5 U	FALSE
MW-10	04/29/98	ND<0.5 U	FALSE
MW-10	11/11/98	ND<0.5 U	FALSE
MW-10	05/05/99	ND<0.5 U	FALSE
MW-10	10/11/99	ND<1 U	FALSE
MW-10	11/06/99	ND<0.5 U	FALSE
MW-10	04/13/00	ND<0.5 U	FALSE
MW-10	11/01/00	ND<1 U	FALSE
MW-10	**05/02/01**	**9.6**	**TRUE**
MW-10	10/24/01	2.1	FALSE
MW-10	04/30/02	2	FALSE
MW-10	**05/02/02**	**3.4**	**TRUE**
MW-10	10/29/02	ND<1 U	FALSE
MW-10	03/25/03	ND<1 U	FALSE
MW-10	03/28/03	ND<1 U	FALSE
MW-10	09/30/03	ND<0.5 U	FALSE
MW-10	10/02/03	ND<0.5 U	FALSE
MW-10	03/30/04	ND<0.5 U	FALSE
MW-10	04/01/04	ND<0.5 U	FALSE
MW-10	09/27/04	ND<0.5 U	FALSE
MW-10	09/29/04	1.3	FALSE
MW-10	03/29/05	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<0.05 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<0.25 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-10	04/07/15	ND<0.5 U	FALSE

MW-7	07/14/94	ND<1 U	FALSE
MW-7	12/14/94	ND<1 U	FALSE
MW-7	03/16/95	ND<1 U	FALSE
MW-7	05/12/97	ND<0.5 U	FALSE
MW-7	11/17/97	ND<0.5 U	FALSE
MW-7	04/13/98	ND<0.5 U	FALSE
MW-7	04/28/98	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	05/05/99	ND<0.5 U	FALSE
MW-7	10/11/99	ND<1 U	FALSE
MW-7	11/02/99	ND<0.5 U	FALSE
MW-7	11/06/99	ND<0.5 U	FALSE
MW-7	04/03/00	ND<0.5 U	FALSE
MW-7	04/13/00	ND<0.5 U	FALSE
MW-7	**11/06/00**	**2.6**	**TRUE**
MW-7	04/30/01	ND<1 U	FALSE
MW-7	**10/22/01**	**4.8**	**TRUE**
MW-7	**04/29/02**	**3.3**	**TRUE**
MW-7	10/28/02	ND<1 U	FALSE
MW-7	03/25/03	ND<1 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	**09/30/05**	**ND<500 U**	**TRUE**
MW-7	03/24/06	ND<0.5 U	FALSE
MW-7	09/26/06	ND<0.5 U	FALSE
MW-7	09/29/06	ND<0.5 U	FALSE
MW-7	03/27/07	ND<0.5 U	FALSE
MW-7	03/29/07	ND<0.5 U	FALSE
MW-7	09/26/07	0.24 J	FALSE
MW-7	09/27/07	ND<0.5 U	FALSE
MW-7	03/26/08	ND<0.05 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	ND<0.5 U	FALSE
MW-7	03/25/11	ND<0.5 U	FALSE
MW-7	10/05/11	ND<0.5 U	FALSE
MW-7	04/04/12	ND<0.5 U	FALSE
MW-7	10/03/12	ND<0.5 U	FALSE
MW-7	04/01/13	ND<0.5 U	FALSE
MW-7	04/09/13	ND<0.25 U	FALSE
MW-7	10/09/13	ND<0.5 U	FALSE
MW-7	04/11/14	ND<0.5 U	FALSE
MW-7	10/02/14	ND<0.5 U	FALSE
MW-7	04/09/15	ND<0.5 U	FALSE

MW-8	07/14/94	ND<1 U	FALSE

MW-8	12/15/94	ND<1 U	FALSE
MW-8	05/12/97	ND<0.5 U	FALSE
MW-8	11/19/97	ND<0.5 U	FALSE
MW-8	04/17/98	ND<0.5 U	FALSE
MW-8	04/28/98	ND<0.5 U	FALSE
MW-8	11/10/98	1 I	FALSE
MW-8	11/11/98	ND<0.5 U	FALSE
MW-8	04/26/99	ND<0.5 U	FALSE
MW-8	05/05/99	ND<0.5 U	FALSE
MW-8	10/11/99	ND<1 U	FALSE
MW-8	11/01/99	ND<0.5 U	FALSE
MW-8	11/06/99	ND<0.5 U	FALSE
MW-8	04/03/00	ND<0.5 U	FALSE
MW-8	04/13/00	ND<0.5 U	FALSE
MW-8	11/01/00	ND<1 U	FALSE
MW-8	11/07/00	2	FALSE
MW-8	04/30/01	ND<1 U	FALSE
MW-8	05/02/01	ND<1 U	FALSE
MW-8	**10/22/01**	**2.9**	**TRUE**
MW-8	**10/24/01**	**2.6**	**TRUE**
MW-8	01/14/02	ND<1 U	FALSE
MW-8	**04/29/02**	**3**	**TRUE**
MW-8	**05/02/02**	**2.6**	**TRUE**
MW-8	10/28/02	ND<1 U	FALSE
MW-8	10/31/02	ND<1 U	FALSE
MW-8	03/25/03	ND<1 U	FALSE
MW-8	03/28/03	ND<1 U	FALSE
MW-8	09/30/03	ND<0.5 U	FALSE
MW-8	10/02/03	ND<0.5 U	FALSE
MW-8	03/30/04	ND<0.5 U	FALSE
MW-8	04/01/04	ND<0.5 U	FALSE
MW-8	09/27/04	ND<0.5 U	FALSE
MW-8	09/29/04	ND<0.5 U	FALSE
MW-8	03/29/05	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<0.05 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<0.25 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-8	04/08/15	ND<0.5 U	FALSE

MW-5	**07/15/94**	**4**	**TRUE**
MW-5	10/21/94	ND<1 U	FALSE
MW-5	12/14/94	ND<1 U	FALSE
MW-5	03/16/95	ND<1 U	FALSE
MW-5	06/22/95	ND<1 U	FALSE
MW-5	10/04/95	ND<1 U	FALSE
MW-5	05/13/97	ND<0.5 U	FALSE
MW-5	11/20/97	ND<0.5 U	FALSE
MW-5	04/13/98	2 I	FALSE
MW-5	04/29/98	ND<0.5 U	FALSE
MW-5	11/11/98	1 I	FALSE
MW-5	11/16/98	ND<0.5 U	FALSE
MW-5	04/26/99	ND<0.5 U	FALSE
MW-5	05/06/99	ND<0.5 U	FALSE
MW-5	10/11/99	ND<1 U	FALSE
MW-5	11/02/99	ND<0.5 U	FALSE
MW-5	11/06/99	ND<0.5 U	FALSE
MW-5	04/03/00	ND<0.5 U	FALSE
MW-5	04/12/00	ND<0.5 U	FALSE
MW-5	11/01/00	ND<1 U	FALSE
MW-5	**11/06/00**	**4.7**	**TRUE**
MW-5	04/30/01	ND<1 U	FALSE
MW-5	05/03/01	ND<1 U	FALSE
MW-5	10/22/01	ND<1 U	FALSE
MW-5	10/24/01	ND<1 U	FALSE
MW-5	**04/29/02**	**2.9**	**TRUE**
MW-5	05/01/02	ND<1 U	FALSE
MW-5	10/28/02	ND<1 U	FALSE
MW-5	10/31/02	ND<1 U	FALSE
MW-5	03/24/03	ND<1 U	FALSE
MW-5	04/03/03	ND<1 U	FALSE
MW-5	09/29/03	ND<0.5 U	FALSE
MW-5	10/03/03	ND<0.5 U	FALSE
MW-5	03/30/04	ND<0.5 U	FALSE
MW-5	04/02/04	ND<0.5 U	FALSE
MW-5	09/27/04	ND<0.5 U	FALSE
MW-5	09/30/04	ND<0.5 U	FALSE
MW-5	03/30/05	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	**09/29/05**	**ND<500 U**	**TRUE**
MW-5	03/24/06	ND<0.5 U	FALSE
MW-5	09/26/06	ND<0.5 U	FALSE
MW-5	09/29/06	ND<0.5 U	FALSE
MW-5	03/27/07	ND<0.5 U	FALSE
MW-5	03/29/07	ND<0.5 U	FALSE
MW-5	09/26/07	ND<0.5 U	FALSE
MW-5	09/27/07	ND<0.5 U	FALSE
MW-5	03/26/08	ND<0.05 U	FALSE
MW-5	03/31/08	ND<0.05 U	FALSE
MW-5	09/23/08	ND<0.5 U	FALSE
MW-5	09/30/08	ND<0.5 U	FALSE
MW-5	03/26/09	ND<0.5 U	FALSE
MW-5	03/30/09	ND<0.5 U	FALSE
MW-5	10/02/09	ND<0.5 U	FALSE
MW-5	10/07/09	ND<0.5 U	FALSE
MW-5	03/30/10	ND<0.5 U	FALSE

MW-5	04/02/10	ND<0.5 U	FALSE
MW-5	09/28/10	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	04/04/11	ND<0.5 U	FALSE
MW-5	10/05/11	ND<0.5 U	FALSE
MW-5	10/10/11	ND<0.5 U	FALSE
MW-5	04/05/12	ND<0.5 U	FALSE
MW-5	04/10/12	ND<0.5 U	FALSE
MW-5	10/03/12	ND<0.5 U	FALSE
MW-5	10/10/12	ND<0.5 U	FALSE
MW-5	04/01/13	ND<0.5 U	FALSE
MW-5	04/11/13	ND<0.25 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-5	04/08/15	ND<0.5 U	FALSE

MW-6	07/15/94	ND<1 U	FALSE
MW-6	10/21/94	ND<1 U	FALSE
MW-6	12/14/94	ND<1 U	FALSE
MW-6	03/16/95	ND<1 U	FALSE
MW-6	06/22/95	ND<1 U	FALSE
MW-6	10/04/95	ND<1 U	FALSE
MW-6	05/07/97	ND<0.5 U	FALSE
MW-6	11/20/97	ND<0.5 U	FALSE
MW-6	04/13/98	ND<0.5 U	FALSE
MW-6	04/28/98	ND<0.5 U	FALSE
MW-6	11/11/98	1 I	FALSE
MW-6	11/16/98	ND<0.5 U	FALSE
MW-6	04/26/99	ND<0.5 U	FALSE
MW-6	05/05/99	ND<0.5 U	FALSE
MW-6	10/11/99	ND<1 U	FALSE
MW-6	11/02/99	ND<0.5 U	FALSE
MW-6	11/05/99	ND<0.5 U	FALSE
MW-6	04/03/00	ND<0.5 U	FALSE
MW-6	04/12/00	ND<0.5 U	FALSE
MW-6	11/02/00	ND<1 U	FALSE
MW-6	**11/06/00**	**7**	**TRUE**
MW-6	**04/30/01**	**3.3**	**TRUE**
MW-6	05/03/01	ND<1 U	FALSE
MW-6	**10/22/01**	**12**	**TRUE**
MW-6	10/24/01	ND<1 U	FALSE
MW-6	**04/29/02**	**6.9**	**TRUE**
MW-6	05/02/02	ND<1 U	FALSE
MW-6	10/28/02	ND<1 U	FALSE
MW-6	10/31/02	ND<1 U	FALSE
MW-6	03/25/03	ND<1 U	FALSE
MW-6	04/25/03	ND<1 U	FALSE
MW-6	**09/29/03**	**4.3**	**TRUE**
MW-6	10/02/03	ND<0.5 U	FALSE
MW-6	03/30/04	ND<0.5 U	FALSE
MW-6	04/02/04	ND<0.5 U	FALSE
MW-6	09/27/04	ND<0.5 U	FALSE
MW-6	09/29/04	ND<0.5 U	FALSE
MW-6	03/30/05	ND<0.5 U	FALSE

MW-6	04/12/05	ND<0.5 U	FALSE
MW-6	09/26/05	1.3	FALSE
MW-6	**09/30/05**	**ND<500 U**	**TRUE**
MW-6	03/24/06	ND<0.5 U	FALSE
MW-6	09/26/06	1.8	FALSE
MW-6	09/29/06	ND<0.5 U	FALSE
MW-6	03/27/07	ND<0.5 U	FALSE
MW-6	03/29/07	ND<0.5 U	FALSE
MW-6	09/27/07	ND<0.5 U	FALSE
MW-6	03/26/08	ND<0.05 U	FALSE
MW-6	04/01/08	ND<0.05 U	FALSE
MW-6	09/23/08	ND<0.5 U	FALSE
MW-6	09/30/08	ND<0.5 U	FALSE
MW-6	03/26/09	ND<0.5 U	FALSE
MW-6	03/31/09	ND<0.5 U	FALSE
MW-6	10/02/09	ND<0.5 U	FALSE
MW-6	10/07/09	ND<0.5 U	FALSE
MW-6	03/30/10	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	10/22/10	ND<0.5 U	FALSE
MW-6	03/25/11	ND<0.5 U	FALSE
MW-6	04/07/11	ND<0.5 U	FALSE
MW-6	10/05/11	ND<0.5 U	FALSE
MW-6	10/11/11	ND<0.5 U	FALSE
MW-6	04/04/12	ND<0.5 U	FALSE
MW-6	04/10/12	ND<0.5 U	FALSE
MW-6	10/03/12	ND<0.5 U	FALSE
MW-6	10/11/12	ND<0.5 U	FALSE
MW-6	04/01/13	ND<0.5 U	FALSE
MW-6	04/09/13	ND<0.25 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-6	04/07/15	ND<0.5 U	FALSE

MW-14	07/18/94	ND<1 U	FALSE
MW-14	12/14/94	ND<1 U	FALSE
MW-14	05/12/97	ND<0.5 U	FALSE
MW-14	11/18/97	ND<0.5 U	FALSE
MW-14	04/28/98	ND<0.5 U	FALSE
MW-14	11/12/98	ND<0.5 U	FALSE
MW-14	05/05/99	ND<0.5 U	FALSE
MW-14	10/11/99	ND<1 U	FALSE
MW-14	11/03/99	ND<0.5 U	FALSE
MW-14	04/06/00	ND<0.5 U	FALSE
MW-14	11/02/00	ND<1 U	FALSE
MW-14	05/02/01	ND<1 U	FALSE
MW-14	10/24/01	ND<1 U	FALSE
MW-14	04/30/02	ND<1 U	FALSE
MW-14	10/31/02	ND<1 U	FALSE
MW-14	03/28/03	ND<1 U	FALSE
MW-14	10/01/03	ND<0.5 U	FALSE
MW-14	03/31/04	ND<0.5 U	FALSE
MW-14	09/29/04	ND<0.5 U	FALSE
MW-14	03/25/05	ND<0.5 U	FALSE

MW-14	**09/27/06**	**4.5**	**TRUE**
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<0.05 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<0.5 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-14	04/08/15	1	FALSE

MW-4	07/18/94	ND<1 U	FALSE
MW-4	12/14/94	ND<1 U	FALSE
MW-4	05/13/97	ND<0.5 U	FALSE
MW-4	11/20/97	ND<0.5 U	FALSE
MW-4	**04/15/98**	**4**	**TRUE**
MW-4	04/29/98	ND<0.5 U	FALSE
MW-4	11/09/98	ND<0.5 U	FALSE
MW-4	11/16/98	ND<0.5 U	FALSE
MW-4	04/26/99	ND<0.5 U	FALSE
MW-4	05/06/99	ND<0.5 U	FALSE
MW-4	10/11/99	ND<1 U	FALSE
MW-4	11/01/99	ND<0.5 U	FALSE
MW-4	11/06/99	ND<0.5 U	FALSE
MW-4	04/04/00	ND<0.5 U	FALSE
MW-4	04/12/00	ND<0.5 U	FALSE
MW-4	11/03/00	ND<1 U	FALSE
MW-4	11/06/00	2.1	FALSE
MW-4	04/30/01	ND<1 U	FALSE
MW-4	05/03/01	ND<1 U	FALSE
MW-4	10/22/01	ND<1 U	FALSE
MW-4	10/25/01	ND<1 U	FALSE
MW-4	**04/29/02**	**2.5**	**TRUE**
MW-4	05/02/02	ND<1 U	FALSE
MW-4	10/28/02	ND<1 U	FALSE
MW-4	10/31/02	ND<1 U	FALSE
MW-4	03/24/03	ND<1 U	FALSE
MW-4	04/03/03	ND<1 U	FALSE
MW-4	09/30/03	ND<0.5 U	FALSE
MW-4	10/03/03	ND<0.5 U	FALSE
MW-4	03/29/04	ND<0.5 U	FALSE
MW-4	04/02/04	ND<0.5 U	FALSE
MW-4	09/27/04	ND<0.5 U	FALSE
MW-4	09/30/04	ND<0.5 U	FALSE
MW-4	03/30/05	ND<0.5 U	FALSE
MW-4	**04/11/05**	**2.3**	**TRUE**
MW-4	09/26/05	1	FALSE
MW-4	**09/29/05**	**ND<500 U**	**TRUE**

MW-4	03/24/06	ND<0.5 U	FALSE
MW-4	09/27/06	ND<0.5 U	FALSE
MW-4	09/29/06	ND<0.5 U	FALSE
MW-4	03/27/07	ND<0.5 U	FALSE
MW-4	03/29/07	ND<0.5 U	FALSE
MW-4	09/26/07	ND<0.5 U	FALSE
MW-4	09/28/07	ND<0.5 U	FALSE
MW-4	03/26/08	ND<0.05 U	FALSE
MW-4	03/31/08	ND<0.05 U	FALSE
MW-4	09/23/08	ND<0.5 U	FALSE
MW-4	09/29/08	ND<0.5 U	FALSE
MW-4	03/26/09	ND<0.5 U	FALSE
MW-4	03/31/09	ND<0.5 U	FALSE
MW-4	10/02/09	ND<0.5 U	FALSE
MW-4	10/07/09	ND<0.5 U	FALSE
MW-4	03/30/10	ND<0.5 U	FALSE
MW-4	04/06/10	ND<0.5 U	FALSE
MW-4	09/28/10	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	04/04/11	ND<0.5 U	FALSE
MW-4	10/05/11	ND<0.5 U	FALSE
MW-4	10/10/11	ND<0.5 U	FALSE
MW-4	04/05/12	ND<0.5 U	FALSE
MW-4	04/10/12	ND<0.5 U	FALSE
MW-4	10/04/12	ND<0.5 U	FALSE
MW-4	10/10/12	ND<0.5 U	FALSE
MW-4	04/01/13	ND<0.5 U	FALSE
MW-4	04/10/13	ND<0.25 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-4	04/07/15	ND<0.5 U	FALSE

MW-2	07/19/94	ND<1 U	FALSE
MW-2	10/25/94	ND<1 U	FALSE
MW-2	12/16/94	ND<1 U	FALSE
MW-2	03/16/95	ND<1 U	FALSE
MW-2	06/23/95	ND<1 U	FALSE
MW-2	10/04/95	ND<1 U	FALSE
MW-2	10/10/96	ND<1 U	FALSE
MW-2	05/14/97	ND<0.5 U	FALSE
MW-2	11/17/97	ND<0.5 U	FALSE
MW-2	04/15/98	2 I	FALSE
MW-2	04/28/98	ND<0.5 U	FALSE
MW-2	11/11/98	1 I	FALSE
MW-2	11/16/98	ND<0.5 U	FALSE
MW-2	04/27/99	ND<0.5 U	FALSE
MW-2	05/06/99	ND<0.5 U	FALSE
MW-2	11/02/99	ND<0.5 U	FALSE
MW-2	11/06/99	ND<0.5 U	FALSE
MW-2	04/04/00	ND<0.5 U	FALSE
MW-2	04/12/00	ND<0.5 U	FALSE
MW-2	11/02/00	ND<1 U	FALSE
MW-2	**11/06/00**	**2.8**	**TRUE**
MW-2	04/30/01	ND<1 U	FALSE

MW-2	05/02/01	ND<1 U	FALSE
MW-2	**10/22/01**	**3.2**	**TRUE**
MW-2	10/24/01	ND<1 U	FALSE
MW-2	**04/29/02**	**5.7**	**TRUE**
MW-2	05/02/02	ND<1 U	FALSE
MW-2	10/28/02	ND<1 U	FALSE
MW-2	10/30/02	ND<1 U	FALSE
MW-2	03/24/03	ND<1 U	FALSE
MW-2	03/26/03	ND<1 U	FALSE
MW-2	09/29/03	ND<0.5 U	FALSE
MW-2	10/06/03	ND<0.5 U	FALSE
MW-2	03/29/04	ND<0.5 U	FALSE
MW-2	04/02/04	ND<0.5 U	FALSE
MW-2	**09/27/04**	**2.5**	**TRUE**
MW-2	10/06/04	ND<0.5 U	FALSE
MW-2	03/30/05	ND<0.5 U	FALSE
MW-2	**04/11/05**	**4.5**	**TRUE**
MW-2	**09/26/05**	**3**	**TRUE**
MW-2	**09/30/05**	**ND<500 U**	**TRUE**
MW-2	**03/23/06**	**4**	**TRUE**
MW-2	09/28/06	ND<0.5 U	FALSE
MW-2	09/29/06	ND<0.5 U	FALSE
MW-2	03/27/07	ND<0.5 U	FALSE
MW-2	03/30/07	ND<0.5 U	FALSE
MW-2	09/27/07	ND<0.5 U	FALSE
MW-2	09/28/07	ND<0.5 U	FALSE
MW-2	03/26/08	ND<0.05 U	FALSE
MW-2	09/23/08	ND<0.5 U	FALSE
MW-2	09/29/08	ND<0.5 U	FALSE
MW-2	03/26/09	1.4	FALSE
MW-2	03/31/09	ND<0.5 U	FALSE
MW-2	**10/01/09**	**3.3**	**TRUE**
MW-2	10/07/09	ND<0.5 U	FALSE
MW-2	03/29/10	ND<0.5 U	FALSE
MW-2	04/06/10	ND<0.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<0.5 U	FALSE
MW-2	10/05/11	ND<0.5 U	FALSE
MW-2	10/10/11	ND<0.5 U	FALSE
MW-2	04/04/12	ND<0.5 U	FALSE
MW-2	04/10/12	ND<0.5 U	FALSE
MW-2	10/05/12	ND<0.5 U	FALSE
MW-2	10/11/12	ND<0.5 U	FALSE
MW-2	04/01/13	ND<0.5 U	FALSE
MW-2	04/10/13	ND<0.25 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-2	04/07/15	ND<0.5 U	FALSE

MW-11	**04/29/02**	**3.4**	**TRUE**
MW-11	10/29/02	ND<1 U	FALSE
MW-11	03/25/03	ND<1 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
MW-11	09/27/07	ND<0.5 U	FALSE
MW-11	03/27/08	ND<0.05 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<0.25 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-11	04/08/15	ND<0.5 U	FALSE

MW-12	10/28/02	ND<1 U	FALSE
MW-12	03/25/03	ND<1 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<0.05 U	FALSE
MW-12	09/30/08	ND<0.5 U	FALSE
MW-12	03/26/09	ND<0.5 U	FALSE
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<0.5 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-12	04/09/15	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<0.05 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<0.25 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-13	04/07/15	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
MW-15S	04/08/15	ND<0.5 U	FALSE
MW-3R	07/29/14	ND<0.5 U	FALSE
MW-3R	10/01/14	ND<0.5 U	FALSE
MW-3R	04/07/15	ND<0.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Cadmium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 89.1135%
Background measurements (n) = 35
Maximum Background Concentration = 3.1
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-2	**09/12/90**	**ND<5 U**	**TRUE**
MW-2	09/25/91	ND<0.5 U	FALSE
MW-2	09/22/92	ND<0.5 U	FALSE
MW-2	04/13/93	ND<0.5 U	FALSE
MW-2	07/19/94	ND<0.5 U	FALSE
MW-2	10/25/94	ND<0.5 U	FALSE
MW-2	12/16/94	ND<0.5 U	FALSE
MW-2	03/16/95	ND<0.5 U	FALSE
MW-2	06/23/95	ND<0.5 U	FALSE
MW-2	10/04/95	ND<0.5 U	FALSE
MW-2	10/10/96	ND<0.5 U	FALSE
MW-2	05/14/97	ND<1 U	FALSE
MW-2	11/17/97	ND<0.5 U	FALSE
MW-2	04/15/98	2 I	FALSE
MW-2	04/28/98	ND<0.5 U	FALSE
MW-2	11/11/98	ND<0.5 U	FALSE
MW-2	11/16/98	ND<0.5 U	FALSE
MW-2	04/27/99	ND<0.5 U	FALSE
MW-2	05/06/99	ND<0.5 U	FALSE
MW-2	11/02/99	ND<0.5 U	FALSE
MW-2	11/06/99	ND<0.5 U	FALSE
MW-2	04/04/00	ND<0.5 U	FALSE
MW-2	04/12/00	ND<0.5 U	FALSE
MW-2	11/02/00	ND<0.5 U	FALSE
MW-2	11/06/00	ND<0.5 U	FALSE
MW-2	04/30/01	ND<0.5 U	FALSE
MW-2	05/02/01	1.2	FALSE
MW-2	**10/22/01**	**6.3**	**TRUE**
MW-2	**10/24/01**	**3.5**	**TRUE**
MW-2	**04/29/02**	**10**	**TRUE**
MW-2	05/02/02	1.1	FALSE
MW-2	10/28/02	ND<0.5 U	FALSE
MW-2	10/30/02	ND<0.5 U	FALSE
MW-2	03/24/03	ND<0.5 U	FALSE
MW-2	03/26/03	ND<0.5 U	FALSE
MW-2	09/29/03	ND<0.5 U	FALSE
MW-2	10/06/03	ND<0.5 U	FALSE
MW-2	03/29/04	ND<0.5 U	FALSE
MW-2	04/02/04	ND<0.5 U	FALSE
MW-2	09/27/04	ND<0.5 U	FALSE
MW-2	10/06/04	ND<0.5 U	FALSE
MW-2	03/30/05	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	**09/30/05**	**ND<500 U**	**TRUE**
MW-2	03/23/06	ND<0.5 U	FALSE
MW-2	09/28/06	ND<0.5 U	FALSE
MW-2	09/29/06	ND<0.5 U	FALSE
MW-2	03/27/07	ND<0.5 U	FALSE
MW-2	03/30/07	ND<0.5 U	FALSE
MW-2	09/27/07	ND<0.5 U	FALSE
MW-2	09/28/07	0.53 J	FALSE
MW-2	03/26/08	ND<0.25 U	FALSE
MW-2	09/23/08	ND<0.5 U	FALSE
MW-2	09/29/08	ND<0.5 U	FALSE
MW-2	03/26/09	ND<0.5 U	FALSE
MW-2	03/31/09	ND<0.5 U	FALSE
MW-2	10/01/09	ND<0.5 U	FALSE
MW-2	10/07/09	ND<0.5 U	FALSE
MW-2	03/29/10	ND<0.5 U	FALSE
MW-2	04/06/10	ND<0.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<0.5 U	FALSE
MW-2	10/05/11	ND<0.5 U	FALSE
MW-2	10/10/11	ND<0.5 U	FALSE
MW-2	04/04/12	ND<0.5 U	FALSE
MW-2	04/10/12	ND<0.5 U	FALSE
MW-2	10/05/12	ND<0.5 U	FALSE
MW-2	10/11/12	ND<0.5 U	FALSE
MW-2	04/01/13	ND<0.5 U	FALSE
MW-2	04/10/13	ND<0.25 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-2	04/07/15	ND<0.5 U	FALSE

MW-4	**09/12/90**	**ND<5 U**	**TRUE**
MW-4	09/26/91	ND<0.5 U	FALSE
MW-4	09/21/92	ND<0.5 U	FALSE
MW-4	07/18/94	ND<0.5 U	FALSE
MW-4	12/14/94	ND<0.5 U	FALSE
MW-4	05/13/97	ND<1 U	FALSE
MW-4	11/20/97	ND<0.5 U	FALSE
MW-4	**04/15/98**	**6**	**TRUE**
MW-4	04/29/98	ND<0.5 U	FALSE
MW-4	11/09/98	ND<0.5 U	FALSE
MW-4	11/16/98	ND<0.5 U	FALSE
MW-4	04/26/99	ND<0.5 U	FALSE
MW-4	05/06/99	ND<0.5 U	FALSE
MW-4	10/11/99	ND<0.5 U	FALSE
MW-4	11/01/99	ND<0.5 U	FALSE
MW-4	11/06/99	ND<0.5 U	FALSE
MW-4	04/04/00	ND<0.5 U	FALSE
MW-4	04/12/00	ND<0.5 U	FALSE
MW-4	11/03/00	1.4	FALSE
MW-4	11/06/00	ND<0.5 U	FALSE
MW-4	04/30/01	ND<0.5 U	FALSE
MW-4	05/03/01	1.7	FALSE

MW-4	10/22/01	ND<0.5 U	FALSE
MW-4	10/25/01	1.7	FALSE
MW-4	04/29/02	1.6	FALSE
MW-4	05/02/02	1.2	FALSE
MW-4	10/28/02	ND<0.5 U	FALSE
MW-4	10/31/02	ND<0.5 U	FALSE
MW-4	03/24/03	ND<0.5 U	FALSE
MW-4	04/03/03	ND<0.5 U	FALSE
MW-4	09/30/03	ND<0.5 U	FALSE
MW-4	10/03/03	ND<0.5 U	FALSE
MW-4	03/29/04	ND<0.5 U	FALSE
MW-4	04/02/04	ND<0.5 U	FALSE
MW-4	09/27/04	ND<0.5 U	FALSE
MW-4	09/30/04	ND<0.5 U	FALSE
MW-4	03/30/05	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	**09/29/05**	**ND<500 U**	**TRUE**
MW-4	03/24/06	ND<0.5 U	FALSE
MW-4	09/27/06	ND<0.5 U	FALSE
MW-4	09/29/06	ND<0.5 U	FALSE
MW-4	03/27/07	ND<0.5 U	FALSE
MW-4	03/29/07	ND<0.5 U	FALSE
MW-4	09/26/07	0.77 J	FALSE
MW-4	09/28/07	ND<0.5 U	FALSE
MW-4	03/26/08	ND<0.25 U	FALSE
MW-4	03/31/08	1	FALSE
MW-4	09/23/08	1.8	FALSE
MW-4	09/29/08	ND<0.5 U	FALSE
MW-4	03/26/09	ND<0.5 U	FALSE
MW-4	03/31/09	1.5	FALSE
MW-4	10/02/09	ND<0.5 U	FALSE
MW-4	**10/07/09**	**6.7**	**TRUE**
MW-4	03/30/10	2	FALSE
MW-4	04/06/10	ND<0.5 U	FALSE
MW-4	**09/28/10**	**4.6**	**TRUE**
MW-4	10/07/10	ND<0.5 U	FALSE
MW-4	03/29/11	ND<0.5 U	FALSE
MW-4	**04/04/11**	**8.4**	**TRUE**
MW-4	10/05/11	ND<0.5 U	FALSE
MW-4	**10/10/11**	**13.3**	**TRUE**
MW-4	04/05/12	ND<0.5 U	FALSE
MW-4	**04/10/12**	**11.5**	**TRUE**
MW-4	10/04/12	ND<0.5 U	FALSE
MW-4	**10/10/12**	**13.1**	**TRUE**
MW-4	**04/01/13**	**5.2**	**TRUE**
MW-4	04/10/13	ND<0.25 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-4	04/07/15	ND<0.5 U	FALSE

MW-5	09/26/91	ND<0.5 U	FALSE
MW-5	09/21/92	ND<0.5 U	FALSE
MW-5	07/15/94	ND<0.5 U	FALSE
MW-5	10/21/94	ND<0.5 U	FALSE

MW-5	12/14/94	ND<0.5 U	FALSE
MW-5	03/16/95	ND<0.5 U	FALSE
MW-5	06/22/95	ND<0.5 U	FALSE
MW-5	10/04/95	ND<0.5 U	FALSE
MW-5	05/13/97	ND<1 U	FALSE
MW-5	11/20/97	ND<0.5 U	FALSE
MW-5	04/13/98	ND<0.5 U	FALSE
MW-5	04/29/98	ND<0.5 U	FALSE
MW-5	11/11/98	ND<0.5 U	FALSE
MW-5	11/16/98	ND<0.5 U	FALSE
MW-5	04/26/99	ND<0.5 U	FALSE
MW-5	05/06/99	ND<0.5 U	FALSE
MW-5	10/11/99	ND<0.5 U	FALSE
MW-5	11/02/99	ND<0.5 U	FALSE
MW-5	11/06/99	ND<0.5 U	FALSE
MW-5	04/03/00	ND<0.5 U	FALSE
MW-5	04/12/00	ND<0.5 U	FALSE
MW-5	11/01/00	1.9	FALSE
MW-5	11/06/00	ND<0.5 U	FALSE
MW-5	04/30/01	ND<0.5 U	FALSE
MW-5	05/03/01	2.9	FALSE
MW-5	10/22/01	ND<0.5 U	FALSE
MW-5	10/24/01	2.1	FALSE
MW-5	**04/29/02**	**4.3**	**TRUE**
MW-5	**05/01/02**	**3.4**	**TRUE**
MW-5	10/28/02	ND<0.5 U	FALSE
MW-5	10/31/02	1.2	FALSE
MW-5	03/24/03	ND<0.5 U	FALSE
MW-5	04/03/03	ND<0.5 U	FALSE
MW-5	09/29/03	ND<0.5 U	FALSE
MW-5	10/03/03	ND<0.5 U	FALSE
MW-5	03/30/04	ND<0.5 U	FALSE
MW-5	04/02/04	ND<0.5 U	FALSE
MW-5	09/27/04	ND<0.5 U	FALSE
MW-5	09/30/04	ND<0.5 U	FALSE
MW-5	03/30/05	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	**09/29/05**	**ND<500 U**	**TRUE**
MW-5	03/24/06	ND<0.5 U	FALSE
MW-5	09/26/06	ND<0.5 U	FALSE
MW-5	09/29/06	ND<0.5 U	FALSE
MW-5	03/27/07	ND<0.5 U	FALSE
MW-5	03/29/07	ND<0.5 U	FALSE
MW-5	09/26/07	ND<0.5 U	FALSE
MW-5	09/27/07	ND<0.5 U	FALSE
MW-5	03/26/08	ND<0.25 U	FALSE
MW-5	03/31/08	ND<0.25 U	FALSE
MW-5	09/23/08	ND<0.5 U	FALSE
MW-5	09/30/08	ND<0.5 U	FALSE
MW-5	03/26/09	ND<0.5 U	FALSE
MW-5	03/30/09	ND<0.5 U	FALSE
MW-5	10/02/09	ND<0.5 U	FALSE
MW-5	10/07/09	ND<0.5 U	FALSE
MW-5	03/30/10	ND<0.5 U	FALSE
MW-5	04/02/10	ND<0.5 U	FALSE
MW-5	09/28/10	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	04/04/11	ND<0.5 U	FALSE
MW-5	10/05/11	ND<0.5 U	FALSE
MW-5	10/10/11	ND<0.5 U	FALSE
MW-5	04/05/12	ND<0.5 U	FALSE
MW-5	04/10/12	ND<0.5 U	FALSE
MW-5	10/03/12	ND<0.5 U	FALSE
MW-5	10/10/12	ND<0.5 U	FALSE
MW-5	04/01/13	ND<0.5 U	FALSE
MW-5	04/11/13	ND<0.25 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-5	04/08/15	ND<0.5 U	FALSE

MW-6	09/26/91	ND<0.5 U	FALSE
MW-6	09/21/92	ND<0.5 U	FALSE
MW-6	07/15/94	ND<0.5 U	FALSE
MW-6	10/21/94	ND<0.5 U	FALSE
MW-6	12/14/94	ND<0.5 U	FALSE
MW-6	03/16/95	ND<0.5 U	FALSE
MW-6	06/22/95	ND<0.5 U	FALSE
MW-6	10/04/95	ND<0.5 U	FALSE
MW-6	05/07/97	ND<1 U	FALSE
MW-6	11/20/97	ND<0.5 U	FALSE
MW-6	04/13/98	ND<0.5 U	FALSE
MW-6	04/28/98	ND<0.5 U	FALSE
MW-6	11/11/98	ND<0.5 U	FALSE
MW-6	11/16/98	ND<0.5 U	FALSE
MW-6	04/26/99	ND<0.5 U	FALSE
MW-6	05/05/99	ND<0.5 U	FALSE
MW-6	10/11/99	ND<0.5 U	FALSE
MW-6	11/02/99	ND<0.5 U	FALSE
MW-6	11/05/99	ND<0.5 U	FALSE
MW-6	04/03/00	ND<0.5 U	FALSE
MW-6	04/12/00	ND<0.5 U	FALSE
MW-6	11/02/00	2	FALSE
MW-6	11/06/00	ND<0.5 U	FALSE
MW-6	04/30/01	1.5	FALSE
MW-6	**05/03/01**	**7.8**	**TRUE**
MW-6	**10/22/01**	**28**	**TRUE**
MW-6	**10/24/01**	**6.2**	**TRUE**
MW-6	**04/29/02**	**16**	**TRUE**
MW-6	**05/02/02**	**3.7**	**TRUE**
MW-6	10/28/02	ND<0.5 U	FALSE
MW-6	10/31/02	1.6	FALSE
MW-6	03/25/03	ND<0.5 U	FALSE
MW-6	04/25/03	1.5	FALSE
MW-6	09/29/03	ND<0.5 U	FALSE
MW-6	10/02/03	ND<0.5 U	FALSE
MW-6	03/30/04	ND<0.5 U	FALSE
MW-6	04/02/04	ND<0.5 U	FALSE
MW-6	09/27/04	ND<0.5 U	FALSE
MW-6	09/29/04	ND<0.5 U	FALSE
MW-6	03/30/05	ND<0.5 U	FALSE

MW-6	**04/12/05**	**5.7**	**TRUE**
MW-6	09/26/05	ND<0.5 U	FALSE
MW-6	**09/30/05**	**ND<500 U**	**TRUE**
MW-6	03/24/06	ND<0.5 U	FALSE
MW-6	09/26/06	1.2	FALSE
MW-6	09/29/06	ND<0.5 U	FALSE
MW-6	03/27/07	ND<0.5 U	FALSE
MW-6	03/29/07	ND<0.5 U	FALSE
MW-6	09/27/07	ND<0.5 U	FALSE
MW-6	03/26/08	ND<0.25 U	FALSE
MW-6	04/01/08	ND<0.25 U	FALSE
MW-6	09/23/08	ND<0.5 U	FALSE
MW-6	09/30/08	ND<0.5 U	FALSE
MW-6	03/26/09	ND<0.5 U	FALSE
MW-6	03/31/09	ND<0.5 U	FALSE
MW-6	10/02/09	ND<0.5 U	FALSE
MW-6	10/07/09	ND<0.5 U	FALSE
MW-6	03/30/10	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	10/22/10	ND<0.5 U	FALSE
MW-6	03/25/11	ND<0.5 U	FALSE
MW-6	04/07/11	ND<0.5 U	FALSE
MW-6	10/05/11	ND<0.5 U	FALSE
MW-6	10/11/11	ND<0.5 U	FALSE
MW-6	04/04/12	ND<0.5 U	FALSE
MW-6	04/10/12	ND<0.5 U	FALSE
MW-6	10/03/12	ND<0.5 U	FALSE
MW-6	10/11/12	ND<0.5 U	FALSE
MW-6	04/01/13	ND<0.5 U	FALSE
MW-6	04/09/13	ND<0.25 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-6	04/07/15	ND<0.5 U	FALSE

MW-7	04/08/93	ND<0.5 U	FALSE
MW-7	07/14/94	ND<0.5 U	FALSE
MW-7	12/14/94	3	FALSE
MW-7	03/16/95	ND<0.5 U	FALSE
MW-7	05/12/97	ND<1 U	FALSE
MW-7	11/17/97	ND<0.5 U	FALSE
MW-7	04/13/98	ND<0.5 U	FALSE
MW-7	04/28/98	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	05/05/99	ND<0.5 U	FALSE
MW-7	10/11/99	ND<0.5 U	FALSE
MW-7	11/02/99	ND<0.5 U	FALSE
MW-7	11/06/99	ND<0.5 U	FALSE
MW-7	04/03/00	ND<0.5 U	FALSE
MW-7	04/13/00	ND<0.5 U	FALSE
MW-7	11/06/00	1.4	FALSE
MW-7	04/30/01	1.3	FALSE
MW-7	**10/22/01**	**26**	**TRUE**
MW-7	**04/29/02**	**12**	**TRUE**

MW-7	10/28/02	1.3	FALSE
MW-7	03/25/03	ND<0.5 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**	**5.1**	**TRUE**
MW-7	09/26/05	ND<0.5 U	FALSE
MW-7	**09/30/05**	**ND<500 U**	**TRUE**
MW-7	03/24/06	ND<0.5 U	FALSE
MW-7	09/26/06	ND<0.5 U	FALSE
MW-7	09/29/06	ND<0.5 U	FALSE
MW-7	03/27/07	ND<0.5 U	FALSE
MW-7	03/29/07	ND<0.5 U	FALSE
MW-7	09/26/07	ND<0.5 U	FALSE
MW-7	09/27/07	ND<0.5 U	FALSE
MW-7	03/26/08	ND<0.25 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	ND<0.5 U	FALSE
MW-7	03/25/11	ND<0.5 U	FALSE
MW-7	10/05/11	ND<0.5 U	FALSE
MW-7	04/04/12	ND<0.5 U	FALSE
MW-7	10/03/12	ND<0.5 U	FALSE
MW-7	04/01/13	ND<0.5 U	FALSE
MW-7	04/09/13	ND<0.25 U	FALSE
MW-7	10/09/13	ND<0.5 U	FALSE
MW-7	04/11/14	ND<0.5 U	FALSE
MW-7	10/02/14	ND<0.5 U	FALSE
MW-7	04/09/15	ND<0.5 U	FALSE

MW-8	04/08/93	ND<0.5 U	FALSE
MW-8	07/14/94	ND<0.5 U	FALSE
MW-8	12/15/94	ND<0.5 U	FALSE
MW-8	05/12/97	ND<1 U	FALSE
MW-8	11/19/97	ND<0.5 U	FALSE
MW-8	04/17/98	ND<0.5 U	FALSE
MW-8	04/28/98	ND<0.5 U	FALSE
MW-8	11/10/98	ND<0.5 U	FALSE
MW-8	11/11/98	ND<0.5 U	FALSE
MW-8	04/26/99	ND<0.5 U	FALSE
MW-8	05/05/99	ND<0.5 U	FALSE
MW-8	10/11/99	ND<0.5 U	FALSE
MW-8	11/01/99	2 I	FALSE
MW-8	11/06/99	ND<0.5 U	FALSE
MW-8	04/03/00	ND<0.5 U	FALSE
MW-8	04/13/00	ND<0.5 U	FALSE
MW-8	11/01/00	3.1	FALSE
MW-8	11/07/00	ND<0.5 U	FALSE
MW-8	04/30/01	ND<0.5 U	FALSE
MW-8	05/02/01	ND<0.5 U	FALSE
MW-8	**10/22/01**	**10**	**TRUE**
MW-8	10/24/01	1.7	FALSE
MW-8	01/14/02	ND<0.5 U	FALSE
MW-8	**04/29/02**	**4.5**	**TRUE**

MW-8	**05/02/02**	**15**	**TRUE**
MW-8	10/28/02	ND<0.5 U	FALSE
MW-8	10/31/02	ND<0.5 U	FALSE
MW-8	03/25/03	ND<0.5 U	FALSE
MW-8	03/28/03	1.8	FALSE
MW-8	09/30/03	ND<0.5 U	FALSE
MW-8	10/02/03	ND<0.5 U	FALSE
MW-8	03/30/04	ND<0.5 U	FALSE
MW-8	04/01/04	ND<0.5 U	FALSE
MW-8	09/27/04	ND<0.5 U	FALSE
MW-8	09/29/04	ND<0.5 U	FALSE
MW-8	03/29/05	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<0.25 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<0.25 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-8	04/08/15	ND<0.5 U	FALSE

MW-10	07/14/94	ND<0.5 U	FALSE
MW-10	12/14/94	ND<0.5 U	FALSE
MW-10	05/07/97	ND<1 U	FALSE
MW-10	11/19/97	ND<0.5 U	FALSE
MW-10	04/29/98	ND<0.5 U	FALSE
MW-10	11/11/98	ND<0.5 U	FALSE
MW-10	05/05/99	ND<0.5 U	FALSE
MW-10	10/11/99	ND<0.5 U	FALSE
MW-10	11/06/99	ND<0.5 U	FALSE
MW-10	04/13/00	ND<0.5 U	FALSE
MW-10	11/01/00	ND<0.5 U	FALSE
MW-10	**05/02/01**	**21**	**TRUE**
MW-10	10/24/01	ND<0.5 U	FALSE
MW-10	04/30/02	ND<0.5 U	FALSE
MW-10	**05/02/02**	**5.7**	**TRUE**
MW-10	10/29/02	1.9	FALSE
MW-10	03/25/03	2.8	FALSE
MW-10	03/28/03	ND<0.5 U	FALSE
MW-10	09/30/03	ND<0.5 U	FALSE
MW-10	10/02/03	ND<0.5 U	FALSE
MW-10	03/30/04	ND<0.5 U	FALSE
MW-10	04/01/04	ND<0.5 U	FALSE

MW-10	09/27/04	ND<0.5 U	FALSE
MW-10	09/29/04	ND<0.5 U	FALSE
MW-10	03/29/05	ND<0.5 U	FALSE
MW-10	**04/12/05**	**4.9**	**TRUE**
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<0.25 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<0.25 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-10	04/07/15	ND<0.5 U	FALSE

MW-14	07/18/94	ND<0.5 U	FALSE
MW-14	12/14/94	ND<0.5 U	FALSE
MW-14	05/12/97	ND<1 U	FALSE
MW-14	11/18/97	ND<0.5 U	FALSE
MW-14	04/28/98	ND<0.5 U	FALSE
MW-14	11/12/98	ND<0.5 U	FALSE
MW-14	05/05/99	ND<0.5 U	FALSE
MW-14	10/11/99	ND<0.5 U	FALSE
MW-14	11/03/99	ND<0.5 U	FALSE
MW-14	04/06/00	ND<0.5 U	FALSE
MW-14	11/02/00	ND<0.5 U	FALSE
MW-14	05/02/01	ND<0.5 U	FALSE
MW-14	10/24/01	ND<0.5 U	FALSE
MW-14	04/30/02	ND<0.5 U	FALSE
MW-14	10/31/02	ND<0.5 U	FALSE
MW-14	03/28/03	ND<0.5 U	FALSE
MW-14	10/01/03	ND<0.5 U	FALSE
MW-14	03/31/04	ND<0.5 U	FALSE
MW-14	09/29/04	ND<0.5 U	FALSE
MW-14	03/25/05	ND<0.5 U	FALSE
MW-14	**09/27/06**	**5.5**	**TRUE**
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<0.25 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<0.5 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-14	**04/08/15**	**6.4**	**TRUE**

MW-15	07/18/94	ND<0.5 U	FALSE
MW-15	12/14/94	ND<0.5 U	FALSE
MW-15	05/08/97	ND<1 U	FALSE
MW-15	11/18/97	ND<0.5 U	FALSE
MW-15	04/27/98	ND<0.5 U	FALSE
MW-15	11/16/98	ND<0.5 U	FALSE
MW-15	05/07/99	ND<0.5 U	FALSE
MW-15	10/11/99	ND<0.5 U	FALSE
MW-15	11/04/99	ND<0.5 U	FALSE
MW-15	04/07/00	ND<0.5 U	FALSE
MW-15	11/01/00	ND<0.5 U	FALSE
MW-15	05/02/01	ND<0.5 U	FALSE
MW-15	10/24/01	ND<0.5 U	FALSE
MW-15	05/02/02	ND<0.5 U	FALSE
MW-15	10/31/02	ND<0.5 U	FALSE
MW-15	03/28/03	ND<0.5 U	FALSE
MW-15	10/01/03	ND<0.5 U	FALSE
MW-15	03/31/04	ND<0.5 U	FALSE
MW-15	09/28/04	ND<0.5 U	FALSE
MW-15	03/25/05	1.2	FALSE
MW-15	09/28/05	ND<0.5 U	FALSE
MW-15	10/02/06	ND<0.5 U	FALSE
MW-15	03/30/07	ND<0.5 U	FALSE
MW-15	09/24/07	ND<0.5 U	FALSE
MW-15	03/31/08	ND<0.25 U	FALSE
MW-15	09/23/08	ND<0.5 U	FALSE
MW-15	03/31/09	ND<0.5 U	FALSE
MW-15	10/09/09	ND<0.5 U	FALSE
MW-15	03/26/10	ND<0.5 U	FALSE
MW-15	10/22/10	ND<0.5 U	FALSE
MW-15	04/26/11	ND<0.5 U	FALSE
MW-15	10/17/11	ND<0.5 U	FALSE
MW-15	04/16/12	ND<0.5 U	FALSE
MW-15	10/12/12	ND<0.5 U	FALSE
MW-15	04/16/13	ND<0.5 U	FALSE

MW-11	**04/29/02**	**6**	**TRUE**
MW-11	10/29/02	ND<0.5 U	FALSE
MW-11	03/25/03	ND<0.5 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

MW-11	09/27/07	ND<0.5 U	FALSE
MW-11	03/27/08	ND<0.25 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<0.25 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-11	04/08/15	ND<0.5 U	FALSE

MW-12	10/28/02	ND<0.5 U	FALSE
MW-12	03/25/03	1.8	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<0.25 U	FALSE
MW-12	09/30/08	ND<0.5 U	FALSE
MW-12	03/26/09	ND<0.5 U	FALSE
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<0.5 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-12	04/09/15	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<0.25 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<0.25 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-13	04/07/15	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
MW-15S	04/08/15	1	FALSE
MW-3R	07/29/14	ND<0.5 U	FALSE
MW-3R	10/01/14	ND<0.5 U	FALSE
MW-3R	04/07/15	ND<0.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Cadmium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 35
Compliance measurements = 573
Comparison Level = 2

2 background measurements exceed 2
43 compliance measurements exceed 2

p background = 0.0571429 = 2 / 35
p compliance = 0.0750436 = 43 / 573
p total = 0.0740132 = 45 / 608

nPs = 43
mPb = 2 < 5.0
n(1-Ps) = 530
m(1-Pb = 33

Zp = 0.392712 = 0.0179008 / 0.0455824
Z critical = 1.64485 at 95% confidence level

0.392712 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 2

Non-Parametric Tolerance Interval

Parameter: Chloride

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 34.5455%
Background measurements (n) = 9
Maximum Background Concentration = 5900
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-2	09/12/90	ND<1000 U	FALSE
MW-2	09/25/91	ND<500 U	FALSE
MW-2	09/22/92	2000	FALSE
MW-2	04/13/93	2800	FALSE
MW-2	07/19/94	1700	FALSE
MW-2	12/16/94	2000	FALSE
MW-4	09/12/90	3500	FALSE
MW-4	09/26/91	3300	FALSE
MW-4	09/21/92	4500	FALSE
MW-5	09/26/91	2400	FALSE
MW-5	09/21/92	1700	FALSE
MW-6	**09/26/91**	**10000**	**TRUE**
MW-6	**09/21/92**	**6900**	**TRUE**
MW-6	**07/15/94**	**33000**	**TRUE**
MW-6	**12/14/94**	**42000**	**TRUE**
MW-7	04/08/93	1400	FALSE
MW-7	07/14/94	ND<0.5 U	FALSE
MW-7	12/14/94	1300	FALSE
MW-8	04/08/93	ND<500 U	FALSE
MW-8	07/14/94	ND<0.5 U	FALSE
MW-8	12/15/94	1000	FALSE
MW-10	07/14/94	ND<500 U	FALSE
MW-10	12/14/94	2000	FALSE
MW-14	07/18/94	ND<0.5 U	FALSE
MW-14	12/14/94	ND<0.5 U	FALSE
MW-14	10/02/09	ND<2500 U	FALSE
MW-14	04/06/10	ND<2500 U	FALSE
MW-14	10/07/10	ND<2500 U	FALSE
MW-14	03/29/11	ND<2500 U	FALSE
MW-14	10/06/11	ND<2500 U	FALSE

MW-14	04/05/12	ND<2500 U	FALSE
MW-14	10/11/13	3100	FALSE
MW-14	04/11/14	2800	FALSE
MW-14	10/02/14	3500	FALSE
MW-12	**10/02/09**	**18600**	**TRUE**
MW-12	**04/06/10**	**16400**	**TRUE**
MW-12	**10/07/10**	**33500**	**TRUE**
MW-12	**03/29/11**	**14600**	**TRUE**
MW-12	**10/06/11**	**35400**	**TRUE**
MW-12	**04/05/12**	**15300**	**TRUE**
MW-12	**10/10/13**	**24600**	**TRUE**
MW-12	**04/11/14**	**14800**	**TRUE**
MW-12	**10/02/14**	**69800**	**TRUE**
MW-15S	**10/10/13**	**10700**	**TRUE**
MW-15S	**04/11/14**	**11000**	**TRUE**
MW-15S	**10/02/14**	**10700**	**TRUE**

Non-Parametric Tolerance Interval

Parameter: Chromium

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

Total Percent Non-Detects = 58.4235%
Background measurements (n) = 35
Maximum Background Concentration = 176
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-2	**09/12/90**	**180**	**TRUE**
MW-2	09/25/91	ND<10 U	FALSE
MW-2	04/16/92	ND<10 U	FALSE
MW-2	09/22/92	ND<10 U	FALSE
MW-2	04/13/93	ND<10 U	FALSE
MW-2	07/19/94	ND<2.5 U	FALSE
MW-2	10/25/94	ND<2.5 U	FALSE
MW-2	12/16/94	ND<2.5 U	FALSE
MW-2	03/16/95	ND<2.5 U	FALSE
MW-2	06/23/95	ND<2.5 U	FALSE
MW-2	10/04/95	ND<2.5 U	FALSE
MW-2	10/10/96	ND<2.5 U	FALSE
MW-2	05/14/97	ND<2.5 U	FALSE
MW-2	11/17/97	ND<5 U	FALSE
MW-2	04/15/98	40 I	FALSE
MW-2	04/28/98	ND<5 U	FALSE
MW-2	11/11/98	38	FALSE
MW-2	11/16/98	ND<0.5 U	FALSE
MW-2	04/27/99	7	FALSE
MW-2	05/06/99	2 I	FALSE
MW-2	11/02/99	19	FALSE
MW-2	11/06/99	2 I	FALSE
MW-2	04/04/00	16	FALSE
MW-2	04/12/00	2 I	FALSE
MW-2	11/02/00	ND<2.5 U	FALSE
MW-2	11/06/00	7	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE
MW-2	05/02/01	10	FALSE
MW-2	10/22/01	55	FALSE
MW-2	10/24/01	22	FALSE
MW-2	04/29/02	68	FALSE
MW-2	05/02/02	15	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	10/30/02	ND<2.5 U	FALSE
MW-2	03/24/03	7	FALSE
MW-2	03/26/03	ND<2.5 U	FALSE
MW-2	09/29/03	26	FALSE
MW-2	10/06/03	ND<1 U	FALSE
MW-2	03/29/04	18	FALSE
MW-2	04/02/04	ND<1 U	FALSE
MW-2	09/27/04	57	FALSE
MW-2	10/06/04	2	FALSE
MW-2	03/30/05	ND<1 U	FALSE
MW-2	04/11/05	83	FALSE

MW-2	09/26/05	46	FALSE
MW-2	**09/30/05**	**2100**	**TRUE**
MW-2	03/23/06	85	FALSE
MW-2	09/28/06	21	FALSE
MW-2	09/29/06	ND<2.5 U	FALSE
MW-2	03/27/07	2.4 J	FALSE
MW-2	03/30/07	ND<5 U	FALSE
MW-2	09/27/07	ND<2.5 U	FALSE
MW-2	09/28/07	59.1	FALSE
MW-2	03/26/08	ND<0.2 U	FALSE
MW-2	09/23/08	ND<2.5 U	FALSE
MW-2	09/29/08	9.1	FALSE
MW-2	03/26/09	33.7	FALSE
MW-2	03/31/09	ND<2.5 U	FALSE
MW-2	10/01/09	72.4	FALSE
MW-2	10/07/09	ND<2.5 U	FALSE
MW-2	03/29/10	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<2.5 U	FALSE
MW-2	10/05/11	6.1	FALSE
MW-2	10/10/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	04/10/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	10/11/12	ND<2.5 U	FALSE
MW-2	04/01/13	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-2	04/07/15	ND<2.5 U	FALSE

MW-4	09/12/90	ND<10 U	FALSE
MW-4	09/26/91	ND<10 U	FALSE
MW-4	04/16/92	ND<10 U	FALSE
MW-4	09/21/92	ND<10 U	FALSE
MW-4	07/18/94	ND<2.5 U	FALSE
MW-4	12/14/94	ND<2.5 U	FALSE
MW-4	05/13/97	ND<2.5 U	FALSE
MW-4	11/20/97	ND<5 U	FALSE
MW-4	**04/15/98**	**260**	**TRUE**
MW-4	04/29/98	ND<5 U	FALSE
MW-4	11/09/98	47	FALSE
MW-4	11/16/98	3 I	FALSE
MW-4	04/26/99	14	FALSE
MW-4	05/06/99	1 I	FALSE
MW-4	10/11/99	ND<2.5 U	FALSE
MW-4	11/01/99	8	FALSE
MW-4	11/06/99	ND<0.5 U	FALSE
MW-4	04/04/00	37	FALSE
MW-4	04/12/00	1 I	FALSE
MW-4	11/03/00	6.1	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE

MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	05/03/01	8.9	FALSE
MW-4	10/22/01	18	FALSE
MW-4	10/25/01	10	FALSE
MW-4	04/29/02	16	FALSE
MW-4	05/02/02	9.1	FALSE
MW-4	10/28/02	ND<2.5 U	FALSE
MW-4	10/31/02	ND<2.5 U	FALSE
MW-4	03/24/03	9.3	FALSE
MW-4	04/03/03	ND<2.5 U	FALSE
MW-4	09/30/03	ND<1 U	FALSE
MW-4	10/03/03	ND<1 U	FALSE
MW-4	03/29/04	23	FALSE
MW-4	04/02/04	ND<1 U	FALSE
MW-4	09/27/04	2.1	FALSE
MW-4	09/30/04	ND<1 U	FALSE
MW-4	03/30/05	ND<1 U	FALSE
MW-4	04/11/05	68	FALSE
MW-4	09/26/05	19	FALSE
MW-4	**09/29/05**	**ND<1000 U**	**TRUE**
MW-4	03/24/06	15	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	09/29/06	ND<2.5 U	FALSE
MW-4	03/27/07	1.4 J	FALSE
MW-4	03/29/07	ND<5 U	FALSE
MW-4	09/26/07	0.95 J	FALSE
MW-4	09/28/07	1.3 J	FALSE
MW-4	03/26/08	ND<0.2 U	FALSE
MW-4	03/31/08	ND<0.2 U	FALSE
MW-4	09/23/08	ND<2.5 U	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	03/31/09	ND<2.5 U	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	10/07/09	ND<2.5 U	FALSE
MW-4	03/30/10	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-4	10/05/11	5.3	FALSE
MW-4	10/10/11	ND<2.5 U	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	04/10/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	10/10/12	ND<2.5 U	FALSE
MW-4	04/01/13	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-4	04/07/15	ND<2.5 U	FALSE

MW-5	09/26/91	ND<10 U	FALSE
MW-5	04/16/92	ND<10 U	FALSE

MW-5	09/21/92	ND<10 U	FALSE
MW-5	07/15/94	6	FALSE
MW-5	10/21/94	ND<2.5 U	FALSE
MW-5	12/14/94	ND<2.5 U	FALSE
MW-5	03/16/95	ND<2.5 U	FALSE
MW-5	06/22/95	ND<2.5 U	FALSE
MW-5	10/04/95	ND<2.5 U	FALSE
MW-5	05/13/97	ND<2.5 U	FALSE
MW-5	11/20/97	ND<5 U	FALSE
MW-5	04/13/98	150	FALSE
MW-5	04/29/98	ND<5 U	FALSE
MW-5	11/11/98	80	FALSE
MW-5	11/16/98	ND<0.5 U	FALSE
MW-5	04/26/99	9	FALSE
MW-5	05/06/99	6	FALSE
MW-5	10/11/99	ND<2.5 U	FALSE
MW-5	11/02/99	8	FALSE
MW-5	11/06/99	ND<0.5 U	FALSE
MW-5	04/03/00	7	FALSE
MW-5	04/12/00	ND<0.5 U	FALSE
MW-5	11/01/00	ND<2.5 U	FALSE
MW-5	11/06/00	9	FALSE
MW-5	04/30/01	6.5	FALSE
MW-5	05/03/01	ND<2.5 U	FALSE
MW-5	10/22/01	11	FALSE
MW-5	10/24/01	ND<2.5 U	FALSE
MW-5	04/29/02	79	FALSE
MW-5	05/01/02	8.7	FALSE
MW-5	10/28/02	ND<2.5 U	FALSE
MW-5	10/31/02	ND<2.5 U	FALSE
MW-5	03/24/03	8.4	FALSE
MW-5	04/03/03	ND<2.5 U	FALSE
MW-5	09/29/03	7.4	FALSE
MW-5	10/03/03	ND<1 U	FALSE
MW-5	03/30/04	8.3	FALSE
MW-5	04/02/04	ND<1 U	FALSE
MW-5	09/27/04	8	FALSE
MW-5	09/30/04	ND<1 U	FALSE
MW-5	03/30/05	ND<1 U	FALSE
MW-5	04/12/05	2.8	FALSE
MW-5	09/26/05	12	FALSE
MW-5	**09/29/05**	**ND<1000 U**	**TRUE**
MW-5	03/24/06	4.5	FALSE
MW-5	09/26/06	15	FALSE
MW-5	09/29/06	ND<2.5 U	FALSE
MW-5	03/27/07	3.9 J	FALSE
MW-5	03/29/07	ND<5 U	FALSE
MW-5	09/26/07	ND<2.5 U	FALSE
MW-5	09/27/07	3.2 J	FALSE
MW-5	03/26/08	6.9	FALSE
MW-5	03/31/08	ND<0.2 U	FALSE
MW-5	09/23/08	50.4	FALSE
MW-5	09/30/08	6.4	FALSE
MW-5	03/26/09	11.8	FALSE
MW-5	03/30/09	ND<2.5 U	FALSE
MW-5	10/02/09	16.3	FALSE
MW-5	10/07/09	ND<2.5 U	FALSE

MW-5	03/30/10	ND<2.5 U	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	10/10/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	04/10/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	10/10/12	ND<2.5 U	FALSE
MW-5	04/01/13	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-5	04/08/15	ND<2.5 U	FALSE

MW-6	09/26/91	ND<10 U	FALSE
MW-6	04/16/92	ND<10 U	FALSE
MW-6	09/21/92	ND<10 U	FALSE
MW-6	07/15/94	ND<2.5 U	FALSE
MW-6	10/21/94	ND<2.5 U	FALSE
MW-6	12/14/94	ND<2.5 U	FALSE
MW-6	03/16/95	ND<2.5 U	FALSE
MW-6	06/22/95	ND<2.5 U	FALSE
MW-6	10/04/95	ND<2.5 U	FALSE
MW-6	05/07/97	ND<2.5 U	FALSE
MW-6	11/20/97	ND<5 U	FALSE
MW-6	04/13/98	60	FALSE
MW-6	04/28/98	ND<5 U	FALSE
MW-6	11/11/98	64	FALSE
MW-6	11/16/98	ND<0.5 U	FALSE
MW-6	04/26/99	30	FALSE
MW-6	05/05/99	ND<0.5 U	FALSE
MW-6	10/11/99	ND<2.5 U	FALSE
MW-6	11/02/99	32	FALSE
MW-6	11/05/99	1 I	FALSE
MW-6	04/03/00	3 I	FALSE
MW-6	04/12/00	ND<0.5 U	FALSE
MW-6	11/02/00	ND<2.5 U	FALSE
MW-6	11/06/00	5.2	FALSE
MW-6	04/30/01	ND<2.5 U	FALSE
MW-6	05/03/01	ND<2.5 U	FALSE
MW-6	**10/22/01**	**350**	**TRUE**
MW-6	10/24/01	ND<2.5 U	FALSE
MW-6	**04/29/02**	**260**	**TRUE**
MW-6	05/02/02	ND<2.5 U	FALSE
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	10/31/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	04/25/03	ND<2.5 U	FALSE
MW-6	**09/29/03**	**290**	**TRUE**
MW-6	10/02/03	ND<1 U	FALSE
MW-6	03/30/04	ND<1 U	FALSE

MW-6	04/02/04	ND<1 U	FALSE
MW-6	09/27/04	37	FALSE
MW-6	09/29/04	ND<1 U	FALSE
MW-6	03/30/05	ND<1 U	FALSE
MW-6	**04/12/05**	**300**	**TRUE**
MW-6	09/26/05	16	FALSE
MW-6	**09/30/05**	**ND<1000 U**	**TRUE**
MW-6	03/24/06	2.5	FALSE
MW-6	09/26/06	95	FALSE
MW-6	09/29/06	ND<2.5 U	FALSE
MW-6	03/27/07	1.2 J	FALSE
MW-6	03/29/07	ND<5 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	31.6	FALSE
MW-6	04/01/08	ND<0.2 U	FALSE
MW-6	09/23/08	ND<2.5 U	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	6.6	FALSE
MW-6	03/31/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	10/07/09	ND<2.5 U	FALSE
MW-6	03/30/10	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	10/22/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	04/07/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	10/11/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	04/10/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	10/11/12	ND<2.5 U	FALSE
MW-6	04/01/13	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-6	04/07/15	ND<2.5 U	FALSE

MW-7	04/08/93	ND<10 U	FALSE
MW-7	07/14/94	ND<2.5 U	FALSE
MW-7	12/14/94	ND<2.5 U	FALSE
MW-7	03/16/95	ND<2.5 U	FALSE
MW-7	05/12/97	ND<2.5 U	FALSE
MW-7	11/17/97	ND<5 U	FALSE
MW-7	04/13/98	80	FALSE
MW-7	04/28/98	ND<5 U	FALSE
MW-7	11/11/98	ND<0.5 U	FALSE
MW-7	04/26/99	5	FALSE
MW-7	05/05/99	1 I	FALSE
MW-7	10/11/99	ND<2.5 U	FALSE
MW-7	11/02/99	6	FALSE
MW-7	11/06/99	ND<0.5 U	FALSE
MW-7	04/03/00	2 I	FALSE
MW-7	04/13/00	ND<0.5 U	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	**09/30/05**	**ND<1000 U**	**TRUE**
MW-7	03/24/06	2	FALSE
MW-7	09/26/06	6.1	FALSE
MW-7	09/29/06	ND<2.5 U	FALSE
MW-7	03/27/07	9 J	FALSE
MW-7	03/29/07	ND<5 U	FALSE
MW-7	09/26/07	ND<2.5 U	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
MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/01/13	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-7	04/09/15	ND<2.5 U	FALSE

MW-8	04/08/93	ND<10 U	FALSE
MW-8	07/14/94	ND<2.5 U	FALSE
MW-8	12/15/94	ND<2.5 U	FALSE
MW-8	05/12/97	12	FALSE
MW-8	11/19/97	ND<5 U	FALSE
MW-8	04/17/98	60	FALSE
MW-8	04/28/98	ND<5 U	FALSE
MW-8	11/10/98	70	FALSE
MW-8	11/11/98	20	FALSE
MW-8	04/26/99	12	FALSE
MW-8	05/05/99	2 I	FALSE
MW-8	10/11/99	ND<2.5 U	FALSE
MW-8	11/01/99	8	FALSE
MW-8	11/06/99	10	FALSE
MW-8	04/03/00	2 I	FALSE
MW-8	04/13/00	6	FALSE
MW-8	11/01/00	31	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	04/30/01	ND<2.5 U	FALSE
MW-8	05/02/01	ND<2.5 U	FALSE

MW-8	10/22/01	110	FALSE
MW-8	10/24/01	12	FALSE
MW-8	01/14/02	7.9	FALSE
MW-8	04/29/02	53	FALSE
MW-8	05/02/02	110	FALSE
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	10/31/02	ND<2.5 U	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	03/28/03	20	FALSE
MW-8	09/30/03	5.2	FALSE
MW-8	10/02/03	22	FALSE
MW-8	03/30/04	9.5	FALSE
MW-8	04/01/04	25	FALSE
MW-8	09/27/04	8.3	FALSE
MW-8	09/29/04	8.2	FALSE
MW-8	03/29/05	5.6	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
MW-8	04/08/15	ND<2.5 U	FALSE

MW-10	07/14/94	ND<2.5 U	FALSE
MW-10	12/14/94	ND<2.5 U	FALSE
MW-10	05/07/97	ND<2.5 U	FALSE
MW-10	11/19/97	ND<5 U	FALSE
MW-10	04/29/98	ND<5 U	FALSE
MW-10	11/11/98	ND<0.5 U	FALSE
MW-10	05/05/99	ND<0.5 U	FALSE
MW-10	10/11/99	ND<2.5 U	FALSE
MW-10	11/06/99	ND<0.5 U	FALSE
MW-10	04/13/00	2 I	FALSE
MW-10	11/01/00	ND<2.5 U	FALSE
MW-10	05/02/01	130	FALSE
MW-10	10/24/01	ND<2.5 U	FALSE
MW-10	04/30/02	18	FALSE
MW-10	05/02/02	42	FALSE
MW-10	10/29/02	26	FALSE
MW-10	03/25/03	69	FALSE
MW-10	03/28/03	ND<2.5 U	FALSE

MW-10	09/30/03	43	FALSE
MW-10	10/02/03	ND<1 U	FALSE
MW-10	03/30/04	16	FALSE
MW-10	04/01/04	ND<1 U	FALSE
MW-10	09/27/04	43	FALSE
MW-10	09/29/04	ND<1 U	FALSE
MW-10	03/29/05	ND<1 U	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
MW-10	04/07/15	ND<2.5 U	FALSE

MW-14	07/18/94	ND<2.5 U	FALSE
MW-14	12/14/94	ND<2.5 U	FALSE
MW-14	05/12/97	ND<2.5 U	FALSE
MW-14	11/18/97	ND<5 U	FALSE
MW-14	04/28/98	ND<5 U	FALSE
MW-14	11/12/98	1 I	FALSE
MW-14	05/05/99	1 I	FALSE
MW-14	10/11/99	ND<2.5 U	FALSE
MW-14	11/03/99	ND<0.5 U	FALSE
MW-14	04/06/00	ND<0.5 U	FALSE
MW-14	11/02/00	ND<2.5 U	FALSE
MW-14	05/02/01	ND<2.5 U	FALSE
MW-14	10/24/01	ND<2.5 U	FALSE
MW-14	04/30/02	ND<2.5 U	FALSE
MW-14	10/31/02	ND<2.5 U	FALSE
MW-14	03/28/03	ND<2.5 U	FALSE
MW-14	10/01/03	ND<1 U	FALSE
MW-14	03/31/04	2.5	FALSE
MW-14	09/29/04	ND<1 U	FALSE
MW-14	03/25/05	ND<1 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
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-14	04/08/15	42.1	FALSE

MW-15	07/18/94	35	FALSE
MW-15	12/14/94	18	FALSE
MW-15	05/08/97	11	FALSE
MW-15	11/18/97	10 I	FALSE
MW-15	04/27/98	20 I	FALSE
MW-15	11/16/98	13	FALSE
MW-15	05/07/99	14	FALSE
MW-15	10/11/99	29	FALSE
MW-15	11/04/99	15	FALSE
MW-15	04/07/00	9	FALSE
MW-15	11/01/00	8.4	FALSE
MW-15	05/02/01	13	FALSE
MW-15	10/24/01	10	FALSE
MW-15	05/02/02	8.3	FALSE
MW-15	10/31/02	9.6	FALSE
MW-15	03/28/03	7.1	FALSE
MW-15	10/01/03	11	FALSE
MW-15	03/31/04	ND<1 U	FALSE
MW-15	09/28/04	11	FALSE
MW-15	03/25/05	9.8	FALSE
MW-15	09/28/05	11	FALSE
MW-15	10/02/06	8.8	FALSE
MW-15	03/30/07	13	FALSE
MW-15	09/24/07	12.2	FALSE
MW-15	03/31/08	16.5	FALSE
MW-15	09/23/08	9.9	FALSE
MW-15	03/31/09	12.7	FALSE
MW-15	10/09/09	15.6	FALSE
MW-15	03/26/10	15.7	FALSE
MW-15	10/22/10	18.5	FALSE
MW-15	04/26/11	16.3	FALSE
MW-15	10/17/11	12.5	FALSE
MW-15	04/16/12	14.9	FALSE
MW-15	10/12/12	11.9	FALSE
MW-15	04/16/13	14.4	FALSE

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-11	04/08/15	ND<2.5 U	FALSE
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-12	04/09/15	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-13	04/07/15	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-15S	04/08/15	7.1	FALSE
MW-3R	07/29/14	3.3 J	FALSE
MW-3R	10/01/14	9.6	FALSE
MW-3R	04/07/15	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 35
Compliance measurements = 577
Comparison Level = 10

16 background measurements exceed 10
108 compliance measurements exceed 10

p background = 0.457143 = 16 / 35
p compliance = 0.187175 = 108 / 577
p total = 0.202614 = 124 / 612

nPs = 108
mPb = 16
n(1-Ps) = 469
m(1-Pb = 19

Zp = -3.85824 = -0.269968 / 0.0699718
Z critical = 1.64485 at 95% confidence level

-3.85824 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 10

Non-Parametric Tolerance Interval

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 62.3529%
Background measurements (n) = 35
Maximum Background Concentration = 37
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-10	07/14/94	ND<10 U	FALSE
MW-10	12/14/94	ND<10 U	FALSE
MW-10	05/07/97	ND<5 U	FALSE
MW-10	11/19/97	ND<2.5 U	FALSE
MW-10	04/29/98	ND<2.5 U	FALSE
MW-10	11/11/98	ND<2.5 U	FALSE
MW-10	05/05/99	ND<2.5 U	FALSE
MW-10	10/11/99	ND<5 U	FALSE
MW-10	11/06/99	ND<2.5 U	FALSE
MW-10	04/13/00	ND<2.5 U	FALSE
MW-10	11/01/00	ND<2.5 U	FALSE
MW-10	05/02/01	30	FALSE
MW-10	10/24/01	ND<2.5 U	FALSE
MW-10	04/30/02	5.1	FALSE
MW-10	05/02/02	11	FALSE
MW-10	10/29/02	17	FALSE
MW-10	03/25/03	14	FALSE
MW-10	03/28/03	ND<2.5 U	FALSE
MW-10	09/30/03	5.4	FALSE
MW-10	10/02/03	ND<2.5 U	FALSE
MW-10	03/30/04	ND<2.5 U	FALSE
MW-10	04/01/04	ND<2.5 U	FALSE
MW-10	09/27/04	8.5	FALSE
MW-10	09/29/04	ND<2.5 U	FALSE
MW-10	03/29/05	ND<2.5 U	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
MW-10	04/07/15	ND<2.5 U	FALSE

MW-7	07/14/94	ND<10 U	FALSE
MW-7	12/14/94	ND<10 U	FALSE
MW-7	03/16/95	15	FALSE
MW-7	05/12/97	18	FALSE
MW-7	11/17/97	6 I	FALSE
MW-7	04/13/98	29	FALSE
MW-7	04/28/98	14 I	FALSE
MW-7	11/11/98	8 I	FALSE
MW-7	04/26/99	ND<2.5 U	FALSE
MW-7	05/05/99	6 I	FALSE
MW-7	10/11/99	ND<5 U	FALSE
MW-7	11/02/99	ND<2.5 U	FALSE
MW-7	11/06/99	ND<2.5 U	FALSE
MW-7	04/03/00	ND<2.5 U	FALSE
MW-7	04/13/00	6 I	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	**09/30/05**	**30000**	**TRUE**
MW-7	03/24/06	ND<2.5 U	FALSE
MW-7	09/26/06	ND<2.5 U	FALSE
MW-7	09/29/06	29	FALSE
MW-7	03/27/07	3.7 J	FALSE
MW-7	03/29/07	25	FALSE
MW-7	09/26/07	10.6	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
MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/01/13	26.4	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-7	04/09/15	ND<2.5 U	FALSE

MW-8	07/14/94	ND<10 U	FALSE

MW-8	12/15/94	ND<10 U	FALSE
MW-8	05/12/97	ND<5 U	FALSE
MW-8	11/19/97	ND<2.5 U	FALSE
MW-8	04/17/98	8 I	FALSE
MW-8	04/28/98	ND<2.5 U	FALSE
MW-8	11/10/98	23	FALSE
MW-8	11/11/98	ND<2.5 U	FALSE
MW-8	04/26/99	ND<2.5 U	FALSE
MW-8	05/05/99	ND<2.5 U	FALSE
MW-8	10/11/99	ND<5 U	FALSE
MW-8	11/01/99	ND<2.5 U	FALSE
MW-8	11/06/99	8 I	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	04/13/00	ND<2.5 U	FALSE
MW-8	11/01/00	21	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	04/30/01	9.7	FALSE
MW-8	05/02/01	12	FALSE
MW-8	10/22/01	37	FALSE
MW-8	**10/24/01**	**70**	**TRUE**
MW-8	01/14/02	ND<2.5 U	FALSE
MW-8	04/29/02	17	FALSE
MW-8	**05/02/02**	**120**	**TRUE**
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	10/31/02	24	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	03/28/03	23	FALSE
MW-8	09/30/03	ND<2.5 U	FALSE
MW-8	10/02/03	14	FALSE
MW-8	03/30/04	ND<2.5 U	FALSE
MW-8	04/01/04	16	FALSE
MW-8	09/27/04	ND<2.5 U	FALSE
MW-8	09/29/04	ND<2.5 U	FALSE
MW-8	03/29/05	7.6	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
MW-8	04/08/15	ND<2.5 U	FALSE

MW-5	**07/15/94**	**94**	**TRUE**
MW-5	**10/21/94**	**88**	**TRUE**
MW-5	**12/14/94**	**91**	**TRUE**
MW-5	**03/16/95**	**79**	**TRUE**
MW-5	**06/22/95**	**76**	**TRUE**
MW-5	**10/04/95**	**42**	**TRUE**
MW-5	05/13/97	ND<5 U	FALSE
MW-5	11/20/97	7 I	FALSE
MW-5	**04/13/98**	**46**	**TRUE**
MW-5	04/29/98	ND<2.5 U	FALSE
MW-5	11/11/98	25	FALSE
MW-5	11/16/98	ND<2.5 U	FALSE
MW-5	04/26/99	ND<2.5 U	FALSE
MW-5	05/06/99	ND<2.5 U	FALSE
MW-5	10/11/99	ND<5 U	FALSE
MW-5	11/02/99	ND<2.5 U	FALSE
MW-5	11/06/99	ND<2.5 U	FALSE
MW-5	04/03/00	ND<2.5 U	FALSE
MW-5	04/12/00	ND<2.5 U	FALSE
MW-5	11/01/00	ND<2.5 U	FALSE
MW-5	11/06/00	28	FALSE
MW-5	04/30/01	ND<2.5 U	FALSE
MW-5	05/03/01	15	FALSE
MW-5	10/22/01	ND<2.5 U	FALSE
MW-5	10/24/01	11	FALSE
MW-5	04/29/02	18	FALSE
MW-5	05/01/02	12	FALSE
MW-5	10/28/02	ND<2.5 U	FALSE
MW-5	10/31/02	11	FALSE
MW-5	03/24/03	ND<2.5 U	FALSE
MW-5	04/03/03	8.8	FALSE
MW-5	09/29/03	ND<2.5 U	FALSE
MW-5	10/03/03	6	FALSE
MW-5	03/30/04	ND<2.5 U	FALSE
MW-5	04/02/04	5.6	FALSE
MW-5	09/27/04	ND<2.5 U	FALSE
MW-5	09/30/04	5	FALSE
MW-5	03/30/05	6.4	FALSE
MW-5	04/12/05	ND<2.5 U	FALSE
MW-5	09/26/05	ND<2.5 U	FALSE
MW-5	**09/29/05**	**5700**	**TRUE**
MW-5	03/24/06	ND<2.5 U	FALSE
MW-5	09/26/06	ND<2.5 U	FALSE
MW-5	09/29/06	ND<2.5 U	FALSE
MW-5	03/27/07	ND<5 U	FALSE
MW-5	03/29/07	ND<5 U	FALSE
MW-5	09/26/07	ND<2.5 U	FALSE
MW-5	09/27/07	0.9 J	FALSE
MW-5	03/26/08	ND<0.3 U	FALSE
MW-5	03/31/08	ND<0.3 U	FALSE
MW-5	09/23/08	ND<2.5 U	FALSE
MW-5	09/30/08	5.7	FALSE
MW-5	03/26/09	ND<2.5 U	FALSE
MW-5	03/30/09	16.2	FALSE
MW-5	10/02/09	ND<2.5 U	FALSE
MW-5	10/07/09	6.6	FALSE
MW-5	03/30/10	21.7	FALSE

MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	09/28/10	29.6	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	ND<2.5 U	FALSE
MW-5	04/04/11	7.6	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	10/10/11	14.8	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	04/10/12	10.3	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	10/10/12	8.9	FALSE
MW-5	04/01/13	34.9	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-5	04/08/15	ND<2.5 U	FALSE

MW-6	07/15/94	ND<10 U	FALSE
MW-6	10/21/94	ND<5 U	FALSE
MW-6	12/14/94	ND<10 U	FALSE
MW-6	03/16/95	ND<5 U	FALSE
MW-6	06/22/95	ND<5 U	FALSE
MW-6	10/04/95	ND<5 U	FALSE
MW-6	05/07/97	ND<5 U	FALSE
MW-6	11/20/97	ND<2.5 U	FALSE
MW-6	04/13/98	20 I	FALSE
MW-6	04/28/98	ND<2.5 U	FALSE
MW-6	11/11/98	26	FALSE
MW-6	11/16/98	ND<2.5 U	FALSE
MW-6	04/26/99	10 I	FALSE
MW-6	05/05/99	ND<2.5 U	FALSE
MW-6	10/11/99	ND<5 U	FALSE
MW-6	11/02/99	7 I	FALSE
MW-6	11/05/99	ND<2.5 U	FALSE
MW-6	04/03/00	8 I	FALSE
MW-6	04/12/00	ND<2.5 U	FALSE
MW-6	11/02/00	ND<2.5 U	FALSE
MW-6	**11/06/00**	**89**	**TRUE**
MW-6	04/30/01	32	FALSE
MW-6	05/03/01	ND<2.5 U	FALSE
MW-6	**10/22/01**	**190**	**TRUE**
MW-6	10/24/01	ND<2.5 U	FALSE
MW-6	**04/29/02**	**100**	**TRUE**
MW-6	05/02/02	ND<2.5 U	FALSE
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	10/31/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	04/25/03	ND<2.5 U	FALSE
MW-6	**09/29/03**	**100**	**TRUE**
MW-6	10/02/03	ND<2.5 U	FALSE
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	04/02/04	ND<2.5 U	FALSE
MW-6	09/27/04	15	FALSE
MW-6	09/29/04	ND<2.5 U	FALSE
MW-6	03/30/05	ND<2.5 U	FALSE

MW-6	**04/12/05**	**110**	**TRUE**
MW-6	09/26/05	21	FALSE
MW-6	**09/30/05**	**ND<2500 U**	**TRUE**
MW-6	03/24/06	21	FALSE
MW-6	09/26/06	23	FALSE
MW-6	09/29/06	ND<2.5 U	FALSE
MW-6	03/27/07	1.1 J	FALSE
MW-6	03/29/07	ND<5 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	ND<0.3 U	FALSE
MW-6	04/01/08	ND<0.3 U	FALSE
MW-6	09/23/08	ND<2.5 U	FALSE
MW-6	09/30/08	6.3	FALSE
MW-6	03/26/09	7	FALSE
MW-6	03/31/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	10/07/09	ND<2.5 U	FALSE
MW-6	03/30/10	21	FALSE
MW-6	04/02/10	12	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	10/22/10	17.4	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	04/07/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	10/11/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	04/10/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	10/11/12	ND<2.5 U	FALSE
MW-6	**04/01/13**	**46.9**	**TRUE**
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-6	04/07/15	ND<2.5 U	FALSE

MW-14	07/18/94	ND<10 U	FALSE
MW-14	12/14/94	ND<10 U	FALSE
MW-14	05/12/97	ND<5 U	FALSE
MW-14	11/18/97	ND<2.5 U	FALSE
MW-14	04/28/98	ND<2.5 U	FALSE
MW-14	11/12/98	ND<2.5 U	FALSE
MW-14	05/05/99	ND<2.5 U	FALSE
MW-14	10/11/99	ND<5 U	FALSE
MW-14	11/03/99	ND<2.5 U	FALSE
MW-14	04/06/00	ND<2.5 U	FALSE
MW-14	11/02/00	ND<2.5 U	FALSE
MW-14	05/02/01	ND<2.5 U	FALSE
MW-14	10/24/01	ND<2.5 U	FALSE
MW-14	04/30/02	ND<2.5 U	FALSE
MW-14	10/31/02	ND<2.5 U	FALSE
MW-14	03/28/03	ND<2.5 U	FALSE
MW-14	10/01/03	ND<2.5 U	FALSE
MW-14	03/31/04	ND<2.5 U	FALSE
MW-14	09/29/04	ND<2.5 U	FALSE
MW-14	03/25/05	ND<2.5 U	FALSE

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
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-14	04/08/15	19.3	FALSE

MW-4	07/18/94	ND<10 U	FALSE
MW-4	12/14/94	ND<10 U	FALSE
MW-4	05/13/97	ND<5 U	FALSE
MW-4	11/20/97	ND<2.5 U	FALSE
MW-4	**04/15/98**	**84**	**TRUE**
MW-4	04/29/98	ND<2.5 U	FALSE
MW-4	11/09/98	18 I	FALSE
MW-4	11/16/98	ND<2.5 U	FALSE
MW-4	04/26/99	14 I	FALSE
MW-4	05/06/99	ND<2.5 U	FALSE
MW-4	10/11/99	ND<5 U	FALSE
MW-4	11/01/99	6 I	FALSE
MW-4	11/06/99	ND<2.5 U	FALSE
MW-4	04/04/00	17 I	FALSE
MW-4	04/12/00	ND<2.5 U	FALSE
MW-4	11/03/00	8.4	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	05/03/01	8	FALSE
MW-4	10/22/01	11	FALSE
MW-4	10/25/01	6.6	FALSE
MW-4	04/29/02	9.3	FALSE
MW-4	05/02/02	8.1	FALSE
MW-4	10/28/02	ND<2.5 U	FALSE
MW-4	10/31/02	ND<2.5 U	FALSE
MW-4	03/24/03	ND<2.5 U	FALSE
MW-4	04/03/03	ND<2.5 U	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	10/03/03	ND<2.5 U	FALSE
MW-4	03/29/04	6.9	FALSE
MW-4	04/02/04	ND<2.5 U	FALSE
MW-4	09/27/04	ND<2.5 U	FALSE
MW-4	09/30/04	ND<2.5 U	FALSE
MW-4	03/30/05	ND<2.5 U	FALSE
MW-4	04/11/05	17	FALSE
MW-4	09/26/05	ND<2.5 U	FALSE
MW-4	**09/29/05**	**6300**	**TRUE**

MW-4	03/24/06	7	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	09/29/06	8	FALSE
MW-4	03/27/07	0.91 J	FALSE
MW-4	03/29/07	10	FALSE
MW-4	09/26/07	9.2	FALSE
MW-4	09/28/07	1.7 J	FALSE
MW-4	03/26/08	ND<0.3 U	FALSE
MW-4	03/31/08	12.5	FALSE
MW-4	09/23/08	13.6	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	03/31/09	15.8	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	10/07/09	19.3	FALSE
MW-4	03/30/10	23.3	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	09/28/10	24.7	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	04/04/11	30.3	FALSE
MW-4	10/05/11	ND<2.5 U	FALSE
MW-4	10/10/11	34.5	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	04/10/12	35.8	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	**10/10/12**	**39.3**	**TRUE**
MW-4	**04/01/13**	**46.3**	**TRUE**
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-4	04/07/15	ND<2.5 U	FALSE

MW-2	07/19/94	ND<10 U	FALSE
MW-2	10/25/94	ND<5 U	FALSE
MW-2	12/16/94	ND<10 U	FALSE
MW-2	03/16/95	ND<5 U	FALSE
MW-2	06/23/95	ND<5 U	FALSE
MW-2	10/04/95	ND<5 U	FALSE
MW-2	10/10/96	ND<5 U	FALSE
MW-2	05/14/97	ND<5 U	FALSE
MW-2	11/17/97	ND<2.5 U	FALSE
MW-2	**04/15/98**	**42**	**TRUE**
MW-2	04/28/98	ND<2.5 U	FALSE
MW-2	11/11/98	31	FALSE
MW-2	11/16/98	ND<2.5 U	FALSE
MW-2	04/27/99	ND<2.5 U	FALSE
MW-2	05/06/99	ND<2.5 U	FALSE
MW-2	11/02/99	17 I	FALSE
MW-2	11/06/99	ND<2.5 U	FALSE
MW-2	04/04/00	13 I	FALSE
MW-2	04/12/00	ND<2.5 U	FALSE
MW-2	11/02/00	ND<2.5 U	FALSE
MW-2	11/06/00	ND<2.5 U	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE

MW-2	05/02/01	9.4	FALSE
MW-2	**10/22/01**	**44**	**TRUE**
MW-2	**10/24/01**	**50**	**TRUE**
MW-2	**04/29/02**	**68**	**TRUE**
MW-2	05/02/02	14	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	10/30/02	8.3	FALSE
MW-2	03/24/03	5.4	FALSE
MW-2	03/26/03	ND<2.5 U	FALSE
MW-2	09/29/03	27	FALSE
MW-2	10/06/03	ND<2.5 U	FALSE
MW-2	03/29/04	19	FALSE
MW-2	04/02/04	ND<2.5 U	FALSE
MW-2	**09/27/04**	**75**	**TRUE**
MW-2	10/06/04	ND<2.5 U	FALSE
MW-2	03/30/05	ND<2.5 U	FALSE
MW-2	**04/11/05**	**87**	**TRUE**
MW-2	**09/26/05**	**46**	**TRUE**
MW-2	**09/30/05**	**ND<2500 U**	**TRUE**
MW-2	**03/23/06**	**81**	**TRUE**
MW-2	09/28/06	19	FALSE
MW-2	09/29/06	ND<2.5 U	FALSE
MW-2	03/27/07	1.1 J	FALSE
MW-2	03/30/07	ND<5 U	FALSE
MW-2	09/27/07	ND<2.5 U	FALSE
MW-2	**09/28/07**	**49.9**	**TRUE**
MW-2	03/26/08	ND<0.3 U	FALSE
MW-2	09/23/08	ND<2.5 U	FALSE
MW-2	09/29/08	12.6	FALSE
MW-2	**03/26/09**	**37.6**	**TRUE**
MW-2	03/31/09	ND<2.5 U	FALSE
MW-2	**10/01/09**	**73.6**	**TRUE**
MW-2	10/07/09	ND<2.5 U	FALSE
MW-2	03/29/10	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	09/27/10	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	04/05/11	5.2	FALSE
MW-2	10/05/11	5.4	FALSE
MW-2	10/10/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	04/10/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	10/11/12	ND<2.5 U	FALSE
MW-2	04/01/13	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-2	04/07/15	ND<2.5 U	FALSE

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-11	04/08/15	ND<2.5 U	FALSE
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-12	04/09/15	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-13	04/07/15	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-15S	**04/08/15**	**81.3**	**TRUE**

MW-3R	07/29/14	3.2 J	FALSE
MW-3R	10/01/14	ND<2.5 U	FALSE
MW-3R	04/07/15	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 35
Compliance measurements = 560
Comparison Level = 1

34 background measurements exceed 1
539 compliance measurements exceed 1

p background = 0.971429 = 34 / 35
p compliance = 0.9625 = 539 / 560
p total = 0.963025 = 573 / 595

nPs = 539
mPb = 34
n(1-Ps) = 21
m(1-Pb = 1 < 5.0

Zp = -0.271569 = -0.00892857 / 0.0328778
Z critical = 1.64485 at 95% confidence level

-0.271569 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

Non-Parametric Tolerance Interval

Parameter: Copper

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

Total Percent Non-Detects = 59.0461%
Background measurements (n) = 35
Maximum Background Concentration = 76
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-2	**09/12/90**	**310**	**TRUE**
MW-2	09/25/91	33	FALSE
MW-2	09/22/92	29	FALSE
MW-2	04/13/93	ND<5 U	FALSE
MW-2	07/19/94	ND<5 U	FALSE
MW-2	10/25/94	ND<5 U	FALSE
MW-2	12/16/94	ND<5 U	FALSE
MW-2	03/16/95	ND<5 U	FALSE
MW-2	06/23/95	ND<5 U	FALSE
MW-2	10/04/95	ND<5 U	FALSE
MW-2	10/10/96	ND<5 U	FALSE
MW-2	05/14/97	4 I	FALSE
MW-2	11/17/97	ND<2.5 U	FALSE
MW-2	04/15/98	28	FALSE
MW-2	04/28/98	ND<2.5 U	FALSE
MW-2	11/11/98	23	FALSE
MW-2	11/16/98	ND<2.5 U	FALSE
MW-2	04/27/99	5	FALSE
MW-2	05/06/99	ND<2.5 U	FALSE
MW-2	11/02/99	10 I	FALSE
MW-2	11/06/99	ND<2.5 U	FALSE
MW-2	04/04/00	10 I	FALSE
MW-2	04/12/00	ND<2.5 U	FALSE
MW-2	11/02/00	6.4	FALSE
MW-2	11/06/00	ND<2.5 U	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE
MW-2	05/02/01	40	FALSE
MW-2	10/22/01	34	FALSE
MW-2	**10/24/01**	**160**	**TRUE**
MW-2	04/29/02	50	FALSE
MW-2	05/02/02	48	FALSE
MW-2	10/28/02	ND<1 U	FALSE
MW-2	10/30/02	25	FALSE
MW-2	03/24/03	4	FALSE
MW-2	03/26/03	7.4	FALSE
MW-2	09/29/03	20	FALSE
MW-2	10/06/03	2.5	FALSE
MW-2	03/29/04	13	FALSE
MW-2	04/02/04	4.1	FALSE
MW-2	09/27/04	46	FALSE
MW-2	10/06/04	ND<1 U	FALSE
MW-2	03/30/05	8	FALSE
MW-2	04/11/05	61	FALSE
MW-2	09/26/05	28	FALSE

MW-2	**09/30/05**	**4500**	**TRUE**
MW-2	03/23/06	63	FALSE
MW-2	09/28/06	13	FALSE
MW-2	09/29/06	ND<2.5 U	FALSE
MW-2	03/27/07	0.58 J	FALSE
MW-2	03/30/07	ND<5 U	FALSE
MW-2	09/27/07	ND<2.5 U	FALSE
MW-2	09/28/07	50.9	FALSE
MW-2	03/26/08	ND<0.15 U	FALSE
MW-2	09/23/08	ND<2.5 U	FALSE
MW-2	09/29/08	6.8	FALSE
MW-2	03/26/09	23.5	FALSE
MW-2	03/31/09	ND<2.5 U	FALSE
MW-2	10/01/09	53	FALSE
MW-2	10/07/09	ND<2.5 U	FALSE
MW-2	03/29/10	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<2.5 U	FALSE
MW-2	10/05/11	6.1	FALSE
MW-2	10/10/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	04/10/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	10/11/12	ND<2.5 U	FALSE
MW-2	04/01/13	ND<2.5 U	FALSE
MW-2	04/10/13	ND<1 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-2	04/07/15	ND<2.5 U	FALSE

MW-4	**09/12/90**	**91**	**TRUE**
MW-4	**09/26/91**	**210**	**TRUE**
MW-4	09/21/92	12	FALSE
MW-4	07/18/94	ND<5 U	FALSE
MW-4	12/14/94	ND<5 U	FALSE
MW-4	05/13/97	3 I	FALSE
MW-4	11/20/97	ND<2.5 U	FALSE
MW-4	**04/15/98**	**171**	**TRUE**
MW-4	04/29/98	ND<2.5 U	FALSE
MW-4	11/09/98	31	FALSE
MW-4	11/16/98	ND<2.5 U	FALSE
MW-4	04/26/99	16 I	FALSE
MW-4	05/06/99	ND<2.5 U	FALSE
MW-4	10/11/99	ND<5 U	FALSE
MW-4	11/01/99	7 I	FALSE
MW-4	11/06/99	ND<2.5 U	FALSE
MW-4	04/04/00	32	FALSE
MW-4	04/12/00	ND<2.5 U	FALSE
MW-4	11/03/00	42	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	05/03/01	37	FALSE

MW-4	10/22/01	18	FALSE
MW-4	10/25/01	46	FALSE
MW-4	04/29/02	14	FALSE
MW-4	05/02/02	40	FALSE
MW-4	10/28/02	4.1	FALSE
MW-4	10/31/02	4.3	FALSE
MW-4	03/24/03	8.1	FALSE
MW-4	04/03/03	ND<1 U	FALSE
MW-4	09/30/03	2.7	FALSE
MW-4	10/03/03	ND<1 U	FALSE
MW-4	03/29/04	19	FALSE
MW-4	04/02/04	ND<1 U	FALSE
MW-4	09/27/04	ND<1 U	FALSE
MW-4	09/30/04	ND<1 U	FALSE
MW-4	03/30/05	ND<1 U	FALSE
MW-4	04/11/05	57	FALSE
MW-4	09/26/05	12	FALSE
MW-4	**09/29/05**	**2700**	**TRUE**
MW-4	03/24/06	17	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	09/29/06	ND<2.5 U	FALSE
MW-4	03/27/07	1.4 J	FALSE
MW-4	03/29/07	ND<5 U	FALSE
MW-4	09/26/07	0.3 J	FALSE
MW-4	09/28/07	2.4 J	FALSE
MW-4	03/26/08	ND<0.15 U	FALSE
MW-4	03/31/08	ND<0.15 U	FALSE
MW-4	09/23/08	ND<2.5 U	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	03/31/09	ND<2.5 U	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	10/07/09	ND<2.5 U	FALSE
MW-4	03/30/10	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-4	10/05/11	5.4	FALSE
MW-4	10/10/11	5.3	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	04/10/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	10/10/12	ND<2.5 U	FALSE
MW-4	04/01/13	ND<2.5 U	FALSE
MW-4	04/10/13	35	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-4	04/07/15	ND<2.5 U	FALSE

MW-5	09/26/91	26	FALSE
MW-5	09/21/92	ND<5 U	FALSE
MW-5	07/15/94	ND<5 U	FALSE
MW-5	10/21/94	21	FALSE

MW-5	12/14/94	ND<5 U	FALSE
MW-5	03/16/95	ND<5 U	FALSE
MW-5	06/22/95	ND<5 U	FALSE
MW-5	10/04/95	ND<5 U	FALSE
MW-5	05/13/97	ND<1 U	FALSE
MW-5	11/20/97	ND<2.5 U	FALSE
MW-5	04/13/98	69	FALSE
MW-5	04/29/98	ND<2.5 U	FALSE
MW-5	11/11/98	36	FALSE
MW-5	11/16/98	ND<2.5 U	FALSE
MW-5	04/26/99	ND<2.5 U	FALSE
MW-5	05/06/99	72	FALSE
MW-5	10/11/99	ND<5 U	FALSE
MW-5	11/02/99	ND<2.5 U	FALSE
MW-5	11/06/99	ND<2.5 U	FALSE
MW-5	04/03/00	ND<2.5 U	FALSE
MW-5	04/12/00	ND<2.5 U	FALSE
MW-5	11/01/00	ND<2.5 U	FALSE
MW-5	11/06/00	13	FALSE
MW-5	04/30/01	ND<2.5 U	FALSE
MW-5	05/03/01	37	FALSE
MW-5	10/22/01	ND<2.5 U	FALSE
MW-5	10/24/01	24	FALSE
MW-5	04/29/02	36	FALSE
MW-5	05/01/02	27	FALSE
MW-5	10/28/02	3.6	FALSE
MW-5	10/31/02	6.5	FALSE
MW-5	03/24/03	2.9	FALSE
MW-5	04/03/03	ND<1 U	FALSE
MW-5	09/29/03	3.6	FALSE
MW-5	10/03/03	ND<1 U	FALSE
MW-5	03/30/04	5.2	FALSE
MW-5	04/02/04	ND<1 U	FALSE
MW-5	09/27/04	2.5	FALSE
MW-5	09/30/04	ND<1 U	FALSE
MW-5	03/30/05	ND<1 U	FALSE
MW-5	04/12/05	ND<1 U	FALSE
MW-5	09/26/05	2.5	FALSE
MW-5	**09/29/05**	**ND<1000 U**	**TRUE**
MW-5	03/24/06	ND<1 U	FALSE
MW-5	09/26/06	6.5	FALSE
MW-5	09/29/06	ND<2.5 U	FALSE
MW-5	03/27/07	2.1 J	FALSE
MW-5	03/29/07	ND<5 U	FALSE
MW-5	09/26/07	ND<2.5 U	FALSE
MW-5	09/27/07	ND<2.5 U	FALSE
MW-5	03/26/08	ND<0.15 U	FALSE
MW-5	03/31/08	ND<0.15 U	FALSE
MW-5	09/23/08	ND<2.5 U	FALSE
MW-5	09/30/08	15.3	FALSE
MW-5	03/26/09	ND<2.5 U	FALSE
MW-5	03/30/09	ND<2.5 U	FALSE
MW-5	10/02/09	6	FALSE
MW-5	10/07/09	ND<2.5 U	FALSE
MW-5	03/30/10	ND<2.5 U	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	10/10/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	04/10/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	10/10/12	ND<2.5 U	FALSE
MW-5	04/01/13	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-5	04/08/15	ND<2.5 U	FALSE

MW-6	09/26/91	11	FALSE
MW-6	09/21/92	ND<5 U	FALSE
MW-6	07/15/94	ND<5 U	FALSE
MW-6	10/21/94	ND<5 U	FALSE
MW-6	12/14/94	ND<5 U	FALSE
MW-6	03/16/95	ND<5 U	FALSE
MW-6	06/22/95	ND<5 U	FALSE
MW-6	10/04/95	ND<5 U	FALSE
MW-6	05/07/97	21	FALSE
MW-6	11/20/97	8 I	FALSE
MW-6	04/13/98	25	FALSE
MW-6	04/28/98	ND<2.5 U	FALSE
MW-6	11/11/98	30	FALSE
MW-6	11/16/98	6 I	FALSE
MW-6	04/26/99	11 I	FALSE
MW-6	05/05/99	ND<2.5 U	FALSE
MW-6	10/11/99	23	FALSE
MW-6	11/02/99	10 I	FALSE
MW-6	11/05/99	ND<2.5 U	FALSE
MW-6	04/03/00	5 I	FALSE
MW-6	04/12/00	ND<2.5 U	FALSE
MW-6	**11/02/00**	**120**	**TRUE**
MW-6	11/06/00	32	FALSE
MW-6	04/30/01	10	FALSE
MW-6	**05/03/01**	**86**	**TRUE**
MW-6	**10/22/01**	**210**	**TRUE**
MW-6	10/24/01	59	FALSE
MW-6	**04/29/02**	**110**	**TRUE**
MW-6	05/02/02	13	FALSE
MW-6	10/28/02	ND<1 U	FALSE
MW-6	10/31/02	2.8	FALSE
MW-6	03/25/03	ND<1 U	FALSE
MW-6	04/25/03	ND<1 U	FALSE
MW-6	**09/29/03**	**130**	**TRUE**
MW-6	10/02/03	ND<1 U	FALSE
MW-6	03/30/04	ND<1 U	FALSE
MW-6	04/02/04	ND<1 U	FALSE
MW-6	09/27/04	14	FALSE
MW-6	09/29/04	ND<1 U	FALSE
MW-6	03/30/05	ND<1 U	FALSE

MW-6	**04/12/05**	**140**	**TRUE**
MW-6	09/26/05	9	FALSE
MW-6	**09/30/05**	**ND<1000 U**	**TRUE**
MW-6	03/24/06	9.3	FALSE
MW-6	09/26/06	36	FALSE
MW-6	09/29/06	ND<2.5 U	FALSE
MW-6	03/27/07	ND<5 U	FALSE
MW-6	03/29/07	ND<5 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	15.6	FALSE
MW-6	04/01/08	ND<0.15 U	FALSE
MW-6	09/23/08	ND<2.5 U	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	ND<2.5 U	FALSE
MW-6	03/31/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	10/07/09	6.3	FALSE
MW-6	03/30/10	ND<2.5 U	FALSE
MW-6	04/02/10	11	FALSE
MW-6	10/06/10	ND<2.5 U	FALSE
MW-6	10/22/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	04/07/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	10/11/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	04/10/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	10/11/12	ND<2.5 U	FALSE
MW-6	04/01/13	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-6	04/07/15	ND<2.5 U	FALSE

MW-7	04/08/93	ND<5 U	FALSE
MW-7	07/14/94	ND<5 U	FALSE
MW-7	12/14/94	ND<5 U	FALSE
MW-7	03/16/95	ND<5 U	FALSE
MW-7	05/12/97	2 I	FALSE
MW-7	11/17/97	ND<2.5 U	FALSE
MW-7	04/13/98	50	FALSE
MW-7	04/28/98	ND<2.5 U	FALSE
MW-7	11/11/98	ND<2.5 U	FALSE
MW-7	04/26/99	6 I	FALSE
MW-7	05/05/99	ND<2.5 U	FALSE
MW-7	10/11/99	ND<5 U	FALSE
MW-7	11/02/99	6 I	FALSE
MW-7	11/06/99	ND<2.5 U	FALSE
MW-7	04/03/00	ND<2.5 U	FALSE
MW-7	04/13/00	ND<2.5 U	FALSE
MW-7	11/06/00	22	FALSE
MW-7	04/30/01	22	FALSE
MW-7	**10/22/01**	**300**	**TRUE**
MW-7	**04/29/02**	**140**	**TRUE**

MW-7	10/28/02	32	FALSE
MW-7	03/25/03	5.5	FALSE
MW-7	09/29/03	74	FALSE
MW-7	03/30/04	ND<1 U	FALSE
MW-7	09/27/04	22	FALSE
MW-7	**04/12/05**	**240**	**TRUE**
MW-7	09/26/05	28	FALSE
MW-7	**09/30/05**	**4000**	**TRUE**
MW-7	03/24/06	ND<1 U	FALSE
MW-7	09/26/06	7.2	FALSE
MW-7	09/29/06	19	FALSE
MW-7	03/27/07	18	FALSE
MW-7	03/29/07	ND<5 U	FALSE
MW-7	09/26/07	9.8	FALSE
MW-7	09/27/07	4.3 J	FALSE
MW-7	03/26/08	6.2	FALSE
MW-7	09/26/08	6.4	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	7.2	FALSE
MW-7	04/04/12	ND<2.5 U	FALSE
MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/01/13	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-7	04/09/15	ND<2.5 U	FALSE

MW-8	04/08/93	ND<5 U	FALSE
MW-8	07/14/94	ND<5 U	FALSE
MW-8	12/15/94	ND<5 U	FALSE
MW-8	05/12/97	16	FALSE
MW-8	11/19/97	11 I	FALSE
MW-8	04/17/98	15 I	FALSE
MW-8	04/28/98	10 I	FALSE
MW-8	11/10/98	47	FALSE
MW-8	11/11/98	24	FALSE
MW-8	04/26/99	10 I	FALSE
MW-8	05/05/99	ND<2.5 U	FALSE
MW-8	10/11/99	ND<5 U	FALSE
MW-8	11/01/99	6 I	FALSE
MW-8	11/06/99	14 I	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	04/13/00	5 I	FALSE
MW-8	11/01/00	45	FALSE
MW-8	11/07/00	ND<2.5 U	FALSE
MW-8	04/30/01	ND<2.5 U	FALSE
MW-8	05/02/01	ND<2.5 U	FALSE
MW-8	**10/22/01**	**99**	**TRUE**
MW-8	10/24/01	39	FALSE
MW-8	01/14/02	9.8	FALSE
MW-8	04/29/02	47	FALSE

MW-8	**05/02/02**	**200**	**TRUE**
MW-8	10/28/02	2.7	FALSE
MW-8	10/31/02	8.9	FALSE
MW-8	03/25/03	4.1	FALSE
MW-8	03/28/03	33	FALSE
MW-8	09/30/03	5.9	FALSE
MW-8	10/02/03	30	FALSE
MW-8	03/30/04	9.3	FALSE
MW-8	04/01/04	37	FALSE
MW-8	09/27/04	8.4	FALSE
MW-8	09/29/04	2.3	FALSE
MW-8	03/29/05	10	FALSE
MW-8	04/12/05	14	FALSE
MW-8	09/27/05	ND<1 U	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	2.3 J	FALSE
MW-8	09/28/07	0.7 J	FALSE
MW-8	03/27/08	ND<0.15 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	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
MW-8	04/08/15	ND<2.5 U	FALSE

MW-10	07/14/94	ND<5 U	FALSE
MW-10	12/14/94	ND<5 U	FALSE
MW-10	05/07/97	ND<1 U	FALSE
MW-10	11/19/97	ND<2.5 U	FALSE
MW-10	04/29/98	ND<2.5 U	FALSE
MW-10	11/11/98	ND<2.5 U	FALSE
MW-10	05/05/99	ND<2.5 U	FALSE
MW-10	10/11/99	ND<5 U	FALSE
MW-10	11/06/99	ND<2.5 U	FALSE
MW-10	04/13/00	ND<2.5 U	FALSE
MW-10	11/01/00	ND<2.5 U	FALSE
MW-10	05/02/01	64	FALSE
MW-10	10/24/01	ND<2.5 U	FALSE
MW-10	04/30/02	9	FALSE
MW-10	05/02/02	22	FALSE
MW-10	10/29/02	24	FALSE
MW-10	03/25/03	31	FALSE
MW-10	03/28/03	ND<1 U	FALSE
MW-10	09/30/03	24	FALSE
MW-10	10/02/03	ND<1 U	FALSE
MW-10	03/30/04	6	FALSE
MW-10	04/01/04	2.3	FALSE

MW-10	09/27/04	28	FALSE
MW-10	09/29/04	ND<1 U	FALSE
MW-10	03/29/05	ND<1 U	FALSE
MW-10	**04/12/05**	**170**	**TRUE**
MW-10	**09/27/05**	**79**	**TRUE**
MW-10	03/23/06	51	FALSE
MW-10	09/26/06	39	FALSE
MW-10	03/27/07	17	FALSE
MW-10	09/27/07	17.6	FALSE
MW-10	03/26/08	10.1	FALSE
MW-10	09/26/08	17.3	FALSE
MW-10	03/26/09	ND<2.5 U	FALSE
MW-10	10/01/09	10.3	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	5.1	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
MW-10	04/07/15	ND<2.5 U	FALSE

MW-14	07/18/94	ND<5 U	FALSE
MW-14	12/14/94	ND<5 U	FALSE
MW-14	05/12/97	3 I	FALSE
MW-14	11/18/97	ND<2.5 U	FALSE
MW-14	04/28/98	ND<2.5 U	FALSE
MW-14	11/12/98	ND<2.5 U	FALSE
MW-14	05/05/99	5 I	FALSE
MW-14	10/11/99	ND<5 U	FALSE
MW-14	11/03/99	6 I	FALSE
MW-14	04/06/00	ND<2.5 U	FALSE
MW-14	11/02/00	ND<2.5 U	FALSE
MW-14	05/02/01	ND<2.5 U	FALSE
MW-14	10/24/01	ND<2.5 U	FALSE
MW-14	04/30/02	ND<1 U	FALSE
MW-14	10/31/02	ND<1 U	FALSE
MW-14	03/28/03	ND<1 U	FALSE
MW-14	10/01/03	ND<1 U	FALSE
MW-14	03/31/04	2.6	FALSE
MW-14	09/29/04	ND<1 U	FALSE
MW-14	03/25/05	3	FALSE
MW-14	**09/27/06**	**160**	**TRUE**
MW-14	03/27/07	5.2 J	FALSE
MW-14	09/28/07	42.6	FALSE
MW-14	03/27/08	19.2	FALSE
MW-14	09/30/08	6.3	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
MW-14	10/07/10	ND<2.5 U	FALSE
MW-14	03/29/11	30.1	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-14	04/08/15	26.5	FALSE

MW-11	**04/29/02**	**84**	**TRUE**
MW-11	10/29/02	ND<1 U	FALSE
MW-11	03/25/03	5.9	FALSE
MW-11	09/29/03	9.7	FALSE
MW-11	03/30/04	28	FALSE
MW-11	09/27/04	2.7	FALSE
MW-11	04/12/05	5.2	FALSE
MW-11	09/26/05	14	FALSE
MW-11	03/23/06	38	FALSE
MW-11	09/26/06	ND<2.5 U	FALSE
MW-11	03/27/07	3 J	FALSE
MW-11	09/27/07	67.5	FALSE
MW-11	03/27/08	46.7	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-11	04/08/15	ND<2.5 U	FALSE

MW-12	10/28/02	ND<1 U	FALSE
MW-12	03/25/03	22	FALSE
MW-12	09/30/03	8	FALSE
MW-12	03/30/04	ND<1 U	FALSE
MW-12	09/27/04	15	FALSE
MW-12	04/11/05	15	FALSE
MW-12	09/27/05	5.2	FALSE
MW-12	03/27/06	8.3	FALSE
MW-12	09/27/06	ND<2.5 U	FALSE
MW-12	03/27/07	0.91 J	FALSE
MW-12	09/28/07	62.5	FALSE
MW-12	03/27/08	ND<0.15 U	FALSE
MW-12	09/30/08	ND<2.5 U	FALSE
MW-12	03/26/09	12.5	FALSE
MW-12	10/02/09	6.1	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-12	04/09/15	ND<2.5 U	FALSE
MW-13	09/27/05	3.6	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	0.47 J	FALSE
MW-13	09/28/07	1.4 J	FALSE
MW-13	03/27/08	ND<0.15 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-13	04/07/15	5.4	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-15S	04/08/15	ND<2.5 U	FALSE
MW-3R	07/29/14	2.7 J	FALSE
MW-3R	10/01/14	ND<2.5 U	FALSE
MW-3R	04/07/15	ND<2.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Iron

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

Total Percent Non-Detects = 2%
Background measurements (n) = 9
Maximum Background Concentration = 11400
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-2	**09/12/90**	**241000**	**TRUE**
MW-2	09/25/91	6500	FALSE
MW-2	04/16/92	2500	FALSE
MW-2	09/22/92	6600	FALSE
MW-2	04/13/93	2800	FALSE
MW-4	**09/12/90**	**37000**	**TRUE**
MW-4	09/26/91	6000	FALSE
MW-4	04/16/92	3000	FALSE
MW-4	09/21/92	3400	FALSE
MW-4	09/30/03	260	FALSE
MW-5	09/26/91	2900	FALSE
MW-5	04/16/92	230	FALSE
MW-5	09/21/92	370	FALSE
MW-6	09/26/91	4000	FALSE
MW-6	04/16/92	190	FALSE
MW-6	09/21/92	8700	FALSE
MW-7	04/08/93	460	FALSE
MW-8	04/08/93	480	FALSE
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-12	04/09/15	187	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-14	04/08/15	850	FALSE
MW-15S	10/10/13	450	FALSE
MW-15S	04/11/14	467	FALSE
MW-15S	10/02/14	2100	FALSE
MW-15S	**04/08/15**	**18200**	**TRUE**

Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 9
Compliance measurements = 41
Comparison Level = 300

6 background measurements exceed 300
33 compliance measurements exceed 300

p background = 0.666667 = 6 / 9
p compliance = 0.804878 = 33 / 41
p total = 0.78 = 39 / 50

nPs = 33
mPb = 6
n(1-Ps) = 8
m(1-Pb = 3 < 5.0

Zp = 0.906386 = 0.138211 / 0.152486
Z critical = 1.64485 at 95% confidence level

0.906386 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

Non-Parametric Tolerance Interval

Parameter: Lead

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

Total Percent Non-Detects = 87.2549%
Background measurements (n) = 35
Maximum Background Concentration = 10
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-2	**09/12/90**	**ND<25 U**	**TRUE**
MW-2	**09/25/91**	**ND<25 U**	**TRUE**
MW-2	04/16/92	ND<2.5 U	FALSE
MW-2	**09/22/92**	**ND<25 U**	**TRUE**
MW-2	**04/13/93**	**ND<25 U**	**TRUE**
MW-2	07/19/94	ND<2.5 U	FALSE
MW-2	10/25/94	ND<2.5 U	FALSE
MW-2	12/16/94	ND<2.5 U	FALSE
MW-2	03/16/95	ND<2.5 U	FALSE
MW-2	06/23/95	ND<2.5 U	FALSE
MW-2	10/04/95	ND<2.5 U	FALSE
MW-2	10/10/96	ND<2.5 U	FALSE
MW-2	05/14/97	ND<2 U	FALSE
MW-2	11/17/97	ND<2 U	FALSE
MW-2	**04/15/98**	**20**	**TRUE**
MW-2	04/28/98	ND<2 U	FALSE
MW-2	**11/11/98**	**19**	**TRUE**
MW-2	11/16/98	ND<2 U	FALSE
MW-2	04/27/99	ND<2 U	FALSE
MW-2	05/06/99	ND<2 U	FALSE
MW-2	11/02/99	5 I	FALSE
MW-2	11/06/99	ND<2 U	FALSE
MW-2	04/04/00	4 I	FALSE
MW-2	04/12/00	ND<2 U	FALSE
MW-2	11/02/00	ND<5 U	FALSE
MW-2	11/06/00	ND<5 U	FALSE
MW-2	04/30/01	ND<5 U	FALSE
MW-2	05/02/01	ND<5 U	FALSE
MW-2	**10/22/01**	**22**	**TRUE**
MW-2	**10/24/01**	**23**	**TRUE**
MW-2	**04/29/02**	**33**	**TRUE**
MW-2	05/02/02	ND<5 U	FALSE
MW-2	10/28/02	ND<5 U	FALSE
MW-2	10/30/02	ND<5 U	FALSE
MW-2	03/24/03	ND<5 U	FALSE
MW-2	03/26/03	ND<5 U	FALSE
MW-2	**09/29/03**	**12**	**TRUE**
MW-2	10/06/03	ND<2.5 U	FALSE
MW-2	**03/29/04**	**11**	**TRUE**
MW-2	04/02/04	ND<2.5 U	FALSE
MW-2	**09/27/04**	**31**	**TRUE**
MW-2	10/06/04	ND<2.5 U	FALSE
MW-2	03/30/05	ND<2.5 U	FALSE
MW-2	**04/11/05**	**47**	**TRUE**

MW-2	**09/26/05**	**22**	**TRUE**
MW-2	**09/30/05**	**ND<2500 U**	**TRUE**
MW-2	**03/23/06**	**45**	**TRUE**
MW-2	09/28/06	8	FALSE
MW-2	09/29/06	ND<2.5 U	FALSE
MW-2	03/27/07	ND<5 U	FALSE
MW-2	03/30/07	ND<5 U	FALSE
MW-2	09/27/07	ND<2.5 U	FALSE
MW-2	**09/28/07**	**27.8**	**TRUE**
MW-2	03/26/08	ND<2 U	FALSE
MW-2	09/23/08	ND<2.5 U	FALSE
MW-2	09/29/08	ND<2.5 U	FALSE
MW-2	**03/26/09**	**12.3**	**TRUE**
MW-2	03/31/09	ND<2.5 U	FALSE
MW-2	**10/01/09**	**27.7**	**TRUE**
MW-2	10/07/09	ND<2.5 U	FALSE
MW-2	03/29/10	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<2.5 U	FALSE
MW-2	10/05/11	ND<2.5 U	FALSE
MW-2	10/10/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	04/10/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	10/11/12	ND<2.5 U	FALSE
MW-2	04/01/13	ND<2.5 U	FALSE
MW-2	04/10/13	ND<2 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-2	04/07/15	ND<2.5 U	FALSE

MW-4	**09/12/90**	**ND<25 U**	**TRUE**
MW-4	**09/26/91**	**ND<25 U**	**TRUE**
MW-4	04/16/92	ND<2.5 U	FALSE
MW-4	**09/21/92**	**ND<25 U**	**TRUE**
MW-4	07/18/94	ND<2.5 U	FALSE
MW-4	12/14/94	ND<2.5 U	FALSE
MW-4	05/13/97	ND<2 U	FALSE
MW-4	11/20/97	ND<2 U	FALSE
MW-4	**04/15/98**	**23**	**TRUE**
MW-4	04/29/98	ND<2 U	FALSE
MW-4	11/09/98	6 I	FALSE
MW-4	11/16/98	ND<2 U	FALSE
MW-4	04/26/99	6 I	FALSE
MW-4	05/06/99	ND<2 U	FALSE
MW-4	10/11/99	ND<2.5 U	FALSE
MW-4	11/01/99	ND<2 U	FALSE
MW-4	11/06/99	ND<2 U	FALSE
MW-4	04/04/00	ND<2 U	FALSE
MW-4	04/12/00	ND<2 U	FALSE
MW-4	11/03/00	ND<5 U	FALSE
MW-4	11/06/00	ND<5 U	FALSE

MW-4	04/30/01	ND<5 U	FALSE
MW-4	05/03/01	ND<5 U	FALSE
MW-4	10/22/01	ND<5 U	FALSE
MW-4	10/25/01	ND<5 U	FALSE
MW-4	04/29/02	ND<5 U	FALSE
MW-4	05/02/02	ND<5 U	FALSE
MW-4	10/28/02	ND<5 U	FALSE
MW-4	10/31/02	ND<5 U	FALSE
MW-4	03/24/03	ND<5 U	FALSE
MW-4	04/03/03	ND<5 U	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	10/03/03	ND<2.5 U	FALSE
MW-4	03/29/04	5.9	FALSE
MW-4	04/02/04	ND<2.5 U	FALSE
MW-4	09/27/04	ND<2.5 U	FALSE
MW-4	09/30/04	ND<2.5 U	FALSE
MW-4	03/30/05	ND<2.5 U	FALSE
MW-4	**04/11/05**	**18**	**TRUE**
MW-4	09/26/05	ND<2.5 U	FALSE
MW-4	**09/29/05**	**ND<2500 U**	**TRUE**
MW-4	03/24/06	6.8	FALSE
MW-4	09/27/06	ND<2.5 U	FALSE
MW-4	09/29/06	ND<2.5 U	FALSE
MW-4	03/27/07	ND<5 U	FALSE
MW-4	03/29/07	ND<5 U	FALSE
MW-4	09/26/07	ND<2.5 U	FALSE
MW-4	09/28/07	ND<2.5 U	FALSE
MW-4	03/26/08	ND<2 U	FALSE
MW-4	03/31/08	ND<2 U	FALSE
MW-4	09/23/08	ND<2.5 U	FALSE
MW-4	09/29/08	ND<2.5 U	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	03/31/09	ND<2.5 U	FALSE
MW-4	10/02/09	ND<2.5 U	FALSE
MW-4	10/07/09	ND<2.5 U	FALSE
MW-4	03/30/10	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-4	10/05/11	ND<2.5 U	FALSE
MW-4	10/10/11	ND<2.5 U	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	04/10/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	10/10/12	ND<2.5 U	FALSE
MW-4	04/01/13	ND<2.5 U	FALSE
MW-4	04/10/13	ND<2 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-4	04/07/15	ND<2.5 U	FALSE

MW-5	**09/26/91**	**ND<25 U**	**TRUE**
MW-5	04/16/92	ND<2.5 U	FALSE

MW-5	**09/21/92**	**ND<25 U**	**TRUE**
MW-5	07/15/94	5	FALSE
MW-5	10/21/94	ND<2.5 U	FALSE
MW-5	12/14/94	ND<2.5 U	FALSE
MW-5	03/16/95	ND<2.5 U	FALSE
MW-5	06/22/95	ND<2.5 U	FALSE
MW-5	10/04/95	ND<2.5 U	FALSE
MW-5	05/13/97	ND<2 U	FALSE
MW-5	11/20/97	ND<2 U	FALSE
MW-5	**04/13/98**	**18**	**TRUE**
MW-5	04/29/98	ND<2 U	FALSE
MW-5	**11/11/98**	**12 I**	**TRUE**
MW-5	11/16/98	ND<2 U	FALSE
MW-5	04/26/99	ND<2 U	FALSE
MW-5	05/06/99	ND<2 U	FALSE
MW-5	10/11/99	ND<2.5 U	FALSE
MW-5	11/02/99	ND<2 U	FALSE
MW-5	11/06/99	ND<2 U	FALSE
MW-5	04/03/00	ND<2 U	FALSE
MW-5	04/12/00	ND<2 U	FALSE
MW-5	11/01/00	ND<5 U	FALSE
MW-5	11/06/00	ND<5 U	FALSE
MW-5	04/30/01	ND<5 U	FALSE
MW-5	**05/03/01**	**13**	**TRUE**
MW-5	10/22/01	ND<5 U	FALSE
MW-5	**10/24/01**	**12**	**TRUE**
MW-5	04/29/02	ND<5 U	FALSE
MW-5	05/01/02	ND<5 U	FALSE
MW-5	10/28/02	ND<5 U	FALSE
MW-5	10/31/02	ND<5 U	FALSE
MW-5	03/24/03	ND<5 U	FALSE
MW-5	04/03/03	ND<5 U	FALSE
MW-5	09/29/03	ND<2.5 U	FALSE
MW-5	10/03/03	ND<2.5 U	FALSE
MW-5	03/30/04	ND<2.5 U	FALSE
MW-5	04/02/04	ND<2.5 U	FALSE
MW-5	09/27/04	ND<2.5 U	FALSE
MW-5	09/30/04	ND<2.5 U	FALSE
MW-5	03/30/05	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	**09/29/05**	**ND<2500 U**	**TRUE**
MW-5	03/24/06	ND<2.5 U	FALSE
MW-5	09/26/06	ND<2.5 U	FALSE
MW-5	09/29/06	ND<2.5 U	FALSE
MW-5	03/27/07	ND<5 U	FALSE
MW-5	03/29/07	ND<5 U	FALSE
MW-5	09/26/07	ND<2.5 U	FALSE
MW-5	09/27/07	ND<2.5 U	FALSE
MW-5	03/26/08	ND<2 U	FALSE
MW-5	03/31/08	ND<2 U	FALSE
MW-5	09/23/08	ND<2.5 U	FALSE
MW-5	09/30/08	ND<2.5 U	FALSE
MW-5	03/26/09	ND<2.5 U	FALSE
MW-5	03/30/09	ND<2.5 U	FALSE
MW-5	10/02/09	ND<2.5 U	FALSE
MW-5	10/07/09	ND<2.5 U	FALSE

MW-5	03/30/10	ND<2.5 U	FALSE
MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	10/10/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	04/10/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	10/10/12	ND<2.5 U	FALSE
MW-5	04/01/13	ND<2.5 U	FALSE
MW-5	04/11/13	ND<2 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-5	04/08/15	ND<2.5 U	FALSE

MW-6	**09/26/91**	**ND<25 U**	**TRUE**
MW-6	04/16/92	ND<2.5 U	FALSE
MW-6	**09/21/92**	**ND<25 U**	**TRUE**
MW-6	07/15/94	ND<2.5 U	FALSE
MW-6	10/21/94	ND<2.5 U	FALSE
MW-6	12/14/94	ND<2.5 U	FALSE
MW-6	03/16/95	ND<2.5 U	FALSE
MW-6	06/22/95	ND<2.5 U	FALSE
MW-6	10/04/95	ND<2.5 U	FALSE
MW-6	05/07/97	ND<2 U	FALSE
MW-6	11/20/97	ND<2 U	FALSE
MW-6	04/13/98	8 I	FALSE
MW-6	04/28/98	ND<2 U	FALSE
MW-6	11/11/98	10 I	FALSE
MW-6	11/16/98	ND<2 U	FALSE
MW-6	04/26/99	4 I	FALSE
MW-6	05/05/99	ND<2 U	FALSE
MW-6	10/11/99	7	FALSE
MW-6	11/02/99	ND<2 U	FALSE
MW-6	11/05/99	ND<2 U	FALSE
MW-6	04/03/00	ND<2 U	FALSE
MW-6	04/12/00	ND<2 U	FALSE
MW-6	**11/02/00**	**12**	**TRUE**
MW-6	11/06/00	ND<5 U	FALSE
MW-6	04/30/01	ND<5 U	FALSE
MW-6	**05/03/01**	**13**	**TRUE**
MW-6	**10/22/01**	**14**	**TRUE**
MW-6	**10/24/01**	**14**	**TRUE**
MW-6	**04/29/02**	**12**	**TRUE**
MW-6	**05/02/02**	**12**	**TRUE**
MW-6	10/28/02	ND<5 U	FALSE
MW-6	10/31/02	ND<5 U	FALSE
MW-6	03/25/03	ND<5 U	FALSE
MW-6	04/25/03	ND<5 U	FALSE
MW-6	**09/29/03**	**34**	**TRUE**
MW-6	10/02/03	ND<2.5 U	FALSE
MW-6	03/30/04	ND<2.5 U	FALSE

MW-6	04/02/04	ND<2.5 U	FALSE
MW-6	09/27/04	10	FALSE
MW-6	09/29/04	ND<2.5 U	FALSE
MW-6	03/30/05	ND<2.5 U	FALSE
MW-6	**04/12/05**	**30**	**TRUE**
MW-6	09/26/05	6	FALSE
MW-6	**09/30/05**	**ND<2500 U**	**TRUE**
MW-6	03/24/06	5.5	FALSE
MW-6	**09/26/06**	**16**	**TRUE**
MW-6	09/29/06	ND<2.5 U	FALSE
MW-6	03/27/07	ND<5 U	FALSE
MW-6	03/29/07	ND<5 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	ND<2 U	FALSE
MW-6	04/01/08	ND<2 U	FALSE
MW-6	09/23/08	ND<2.5 U	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	ND<2.5 U	FALSE
MW-6	03/31/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	10/07/09	ND<2.5 U	FALSE
MW-6	03/30/10	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	10/22/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	04/07/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	10/11/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	04/10/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	10/11/12	ND<2.5 U	FALSE
MW-6	04/01/13	ND<2.5 U	FALSE
MW-6	04/09/13	ND<2 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-6	04/07/15	ND<2.5 U	FALSE

MW-7	**04/08/93**	**ND<25 U**	**TRUE**
MW-7	07/14/94	ND<2.5 U	FALSE
MW-7	12/14/94	ND<2.5 U	FALSE
MW-7	03/16/95	ND<2.5 U	FALSE
MW-7	05/12/97	ND<2 U	FALSE
MW-7	11/17/97	ND<2 U	FALSE
MW-7	04/13/98	9 I	FALSE
MW-7	04/28/98	ND<2 U	FALSE
MW-7	11/11/98	ND<2 U	FALSE
MW-7	04/26/99	ND<2 U	FALSE
MW-7	05/05/99	ND<2 U	FALSE
MW-7	10/11/99	ND<2.5 U	FALSE
MW-7	11/02/99	ND<2 U	FALSE
MW-7	11/06/99	ND<2 U	FALSE
MW-7	04/03/00	ND<2 U	FALSE
MW-7	04/13/00	ND<2 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	10	FALSE
MW-7	04/29/02	ND<5 U	FALSE
MW-7	10/28/02	ND<5 U	FALSE
MW-7	03/25/03	ND<5 U	FALSE
MW-7	09/29/03	6.5	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**	**12**	**TRUE**
MW-7	09/26/05	ND<2.5 U	FALSE
MW-7	**09/30/05**	**ND<2500 U**	**TRUE**
MW-7	03/24/06	ND<2.5 U	FALSE
MW-7	09/26/06	ND<2.5 U	FALSE
MW-7	09/29/06	ND<2.5 U	FALSE
MW-7	03/27/07	ND<5 U	FALSE
MW-7	03/29/07	ND<5 U	FALSE
MW-7	09/26/07	ND<2.5 U	FALSE
MW-7	09/27/07	ND<2.5 U	FALSE
MW-7	03/26/08	ND<2 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
MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/01/13	ND<2.5 U	FALSE
MW-7	04/09/13	ND<2 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-7	04/09/15	ND<2.5 U	FALSE

MW-8	**04/08/93**	**ND<25 U**	**TRUE**
MW-8	07/14/94	ND<2.5 U	FALSE
MW-8	12/15/94	ND<2.5 U	FALSE
MW-8	05/12/97	ND<2 U	FALSE
MW-8	11/19/97	ND<2 U	FALSE
MW-8	04/17/98	4 I	FALSE
MW-8	04/28/98	ND<2 U	FALSE
MW-8	**11/10/98**	**13 I**	**TRUE**
MW-8	11/11/98	5 I	FALSE
MW-8	04/26/99	ND<2 U	FALSE
MW-8	05/05/99	ND<2 U	FALSE
MW-8	10/11/99	ND<2.5 U	FALSE
MW-8	11/01/99	ND<2 U	FALSE
MW-8	11/06/99	ND<2 U	FALSE
MW-8	04/03/00	ND<2 U	FALSE
MW-8	04/13/00	ND<2 U	FALSE
MW-8	11/01/00	ND<5 U	FALSE
MW-8	11/07/00	ND<5 U	FALSE
MW-8	04/30/01	ND<5 U	FALSE
MW-8	05/02/01	ND<5 U	FALSE

MW-8	**10/22/01**	**16**	**TRUE**
MW-8	**10/24/01**	**13**	**TRUE**
MW-8	01/14/02	ND<5 U	FALSE
MW-8	04/29/02	ND<5 U	FALSE
MW-8	**05/02/02**	**16**	**TRUE**
MW-8	10/28/02	ND<5 U	FALSE
MW-8	10/31/02	ND<5 U	FALSE
MW-8	03/25/03	ND<5 U	FALSE
MW-8	03/28/03	ND<5 U	FALSE
MW-8	09/30/03	ND<2.5 U	FALSE
MW-8	10/02/03	6.6	FALSE
MW-8	03/30/04	ND<2.5 U	FALSE
MW-8	04/01/04	8.8	FALSE
MW-8	09/27/04	ND<2.5 U	FALSE
MW-8	09/29/04	8.4	FALSE
MW-8	03/29/05	5.8	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	9.4	FALSE
MW-8	03/27/08	ND<2 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<2 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
MW-8	04/08/15	ND<2.5 U	FALSE

MW-10	07/14/94	ND<2.5 U	FALSE
MW-10	12/14/94	ND<2.5 U	FALSE
MW-10	05/07/97	ND<2 U	FALSE
MW-10	11/19/97	ND<2 U	FALSE
MW-10	04/29/98	ND<2 U	FALSE
MW-10	11/11/98	ND<2 U	FALSE
MW-10	05/05/99	ND<2 U	FALSE
MW-10	10/11/99	ND<2.5 U	FALSE
MW-10	11/06/99	ND<2 U	FALSE
MW-10	04/13/00	ND<2 U	FALSE
MW-10	11/01/00	ND<5 U	FALSE
MW-10	**05/02/01**	**41**	**TRUE**
MW-10	**10/24/01**	**16**	**TRUE**
MW-10	04/30/02	ND<5 U	FALSE
MW-10	**05/02/02**	**16**	**TRUE**
MW-10	10/29/02	ND<5 U	FALSE
MW-10	03/25/03	ND<5 U	FALSE
MW-10	03/28/03	ND<5 U	FALSE

MW-10	09/30/03	ND<2.5 U	FALSE
MW-10	10/02/03	ND<2.5 U	FALSE
MW-10	03/30/04	ND<2.5 U	FALSE
MW-10	04/01/04	ND<2.5 U	FALSE
MW-10	09/27/04	ND<2.5 U	FALSE
MW-10	09/29/04	5.3	FALSE
MW-10	03/29/05	ND<2.5 U	FALSE
MW-10	04/12/05	5.9	FALSE
MW-10	09/27/05	ND<2.5 U	FALSE
MW-10	03/23/06	5.3	FALSE
MW-10	09/26/06	ND<2.5 U	FALSE
MW-10	03/27/07	7.4 J	FALSE
MW-10	09/27/07	5.4	FALSE
MW-10	03/26/08	ND<2 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<2 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
MW-10	04/07/15	ND<2.5 U	FALSE

MW-14	07/18/94	ND<2.5 U	FALSE
MW-14	12/14/94	ND<2.5 U	FALSE
MW-14	05/12/97	ND<2 U	FALSE
MW-14	11/18/97	ND<2 U	FALSE
MW-14	04/28/98	ND<2 U	FALSE
MW-14	11/12/98	ND<2 U	FALSE
MW-14	05/05/99	ND<2 U	FALSE
MW-14	10/11/99	ND<2.5 U	FALSE
MW-14	11/03/99	ND<2 U	FALSE
MW-14	04/06/00	ND<2 U	FALSE
MW-14	11/02/00	ND<5 U	FALSE
MW-14	05/02/01	ND<5 U	FALSE
MW-14	10/24/01	ND<5 U	FALSE
MW-14	04/30/02	ND<5 U	FALSE
MW-14	10/31/02	ND<5 U	FALSE
MW-14	03/28/03	ND<5 U	FALSE
MW-14	10/01/03	ND<2.5 U	FALSE
MW-14	03/31/04	ND<2.5 U	FALSE
MW-14	09/29/04	ND<2.5 U	FALSE
MW-14	03/25/05	ND<2.5 U	FALSE
MW-14	**09/27/06**	**92**	**TRUE**
MW-14	03/27/07	ND<5 U	FALSE
MW-14	**09/28/07**	**15.9**	**TRUE**
MW-14	03/27/08	5.6	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
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-14	**04/08/15**	**12.8**	**TRUE**

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	ND<2.5 U	FALSE
MW-11	03/30/04	6.5	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	7.5	FALSE
MW-11	09/26/06	ND<2.5 U	FALSE
MW-11	03/27/07	ND<5 U	FALSE
MW-11	09/27/07	5	FALSE
MW-11	03/27/08	ND<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<2 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-11	04/08/15	ND<2.5 U	FALSE

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	5	FALSE
MW-12	09/27/06	ND<2.5 U	FALSE
MW-12	03/27/07	ND<5 U	FALSE
MW-12	09/28/07	ND<2.5 U	FALSE
MW-12	03/27/08	ND<2 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-12	04/09/15	ND<2.5 U	FALSE
MW-13	09/27/05	ND<2.5 U	FALSE
MW-13	03/27/06	6.3	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	ND<2.5 U	FALSE
MW-13	03/27/08	ND<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<2 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-13	04/07/15	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-15S	04/08/15	ND<2.5 U	FALSE
MW-3R	07/29/14	ND<2.5 U	FALSE
MW-3R	10/01/14	ND<2.5 U	FALSE
MW-3R	04/07/15	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Lead

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 35
Compliance measurements = 577
Comparison Level = 15

0 background measurements exceed 15
42 compliance measurements exceed 15

p background = 0 = 0 / 35
p compliance = 0.0727903 = 42 / 577
p total = 0.0686275 = 42 / 612

nPs = 42
mPb = 0 < 5.0
n(1-Ps) = 535
m(1-Pb = 35

Zp = 1.6539 = 0.0727903 / 0.0440113
Z critical = 1.64485 at 95% confidence level

1.6539 > 1.64485
Significance is Indicated at 95% Confidence Level
When Compared to Compliance Limit = 15

Non-Parametric Tolerance Interval

Parameter: Manganese

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

Total Percent Non-Detects = 6%
Background measurements (n) = 9
Maximum Background Concentration = 200
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-2	**09/12/90**	**2100**	**TRUE**
MW-2	**09/25/91**	**350**	**TRUE**
MW-2	04/16/92	110	FALSE
MW-2	**09/22/92**	**620**	**TRUE**
MW-2	04/13/93	46	FALSE
MW-4	**09/12/90**	**780**	**TRUE**
MW-4	**09/26/91**	**1800**	**TRUE**
MW-4	**04/16/92**	**330**	**TRUE**
MW-4	09/21/92	47	FALSE
MW-4	09/30/03	9.2	FALSE
MW-5	**09/26/91**	**270**	**TRUE**
MW-5	04/16/92	23	FALSE
MW-5	09/21/92	42	FALSE
MW-6	**09/26/91**	**560**	**TRUE**
MW-6	**04/16/92**	**390**	**TRUE**
MW-6	**09/21/92**	**930**	**TRUE**
MW-7	04/08/93	140	FALSE
MW-8	04/08/93	58	FALSE
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-12	**04/09/15**	**389**	**TRUE**
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-14	04/08/15	47.8	FALSE
MW-15S	**10/10/13**	**2890**	**TRUE**
MW-15S	**04/11/14**	**5320**	**TRUE**
MW-15S	**10/02/14**	**5690**	**TRUE**
MW-15S	**04/08/15**	**5720**	**TRUE**

Two-Sample Test of Proportions

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 9
Compliance measurements = 41
Comparison Level = 50

1 background measurements exceed 50
28 compliance measurements exceed 50

p background = 0.111111 = 1 / 9
p compliance = 0.682927 = 28 / 41
p total = 0.58 = 29 / 50

nPs = 28
mPb = 1 < 5.0
n(1-Ps) = 13
m(1-Pb = 8

Zp = 3.14735 = 0.571816 / 0.181681
Z critical = 1.64485 at 95% confidence level

3.14735 > 1.64485
Significance is Indicated at 95% Confidence Level
When Compared to Compliance Limit = 50

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 46.7227%
Background measurements (n) = 35
Maximum Background Concentration = 120
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-10	07/14/94	ND<2.5 U	FALSE
MW-10	12/14/94	ND<2.5 U	FALSE
MW-10	05/07/97	ND<2.5 U	FALSE
MW-10	11/19/97	ND<2.5 U	FALSE
MW-10	04/29/98	ND<2.5 U	FALSE
MW-10	11/11/98	ND<2.5 U	FALSE
MW-10	05/05/99	ND<2.5 U	FALSE
MW-10	10/11/99	ND<25 U	FALSE
MW-10	11/06/99	ND<2.5 U	FALSE
MW-10	04/13/00	ND<2.5 U	FALSE
MW-10	11/01/00	ND<2.5 U	FALSE
MW-10	05/02/01	47	FALSE
MW-10	10/24/01	ND<2.5 U	FALSE
MW-10	04/30/02	16	FALSE
MW-10	05/02/02	15	FALSE
MW-10	10/29/02	35	FALSE
MW-10	03/25/03	36	FALSE
MW-10	03/28/03	ND<2.5 U	FALSE
MW-10	09/30/03	23	FALSE
MW-10	10/02/03	ND<2.5 U	FALSE
MW-10	03/30/04	8.7	FALSE
MW-10	04/01/04	ND<2.5 U	FALSE
MW-10	09/27/04	18	FALSE
MW-10	09/29/04	ND<2.5 U	FALSE
MW-10	03/29/05	ND<2.5 U	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
MW-10	04/07/15	ND<2.5 U	FALSE

MW-7	07/14/94	ND<2.5 U	FALSE
MW-7	12/14/94	ND<2.5 U	FALSE
MW-7	03/16/95	ND<25 U	FALSE
MW-7	05/12/97	ND<2.5 U	FALSE
MW-7	11/17/97	16	FALSE
MW-7	04/13/98	85	FALSE
MW-7	04/28/98	8 I	FALSE
MW-7	11/11/98	14 I	FALSE
MW-7	04/26/99	9 I	FALSE
MW-7	05/05/99	14 I	FALSE
MW-7	10/11/99	ND<25 U	FALSE
MW-7	11/02/99	10 I	FALSE
MW-7	11/06/99	15 I	FALSE
MW-7	04/03/00	8 I	FALSE
MW-7	04/13/00	14 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	**09/30/05**	**24000**	**TRUE**
MW-7	03/24/06	13	FALSE
MW-7	09/26/06	18	FALSE
MW-7	09/29/06	25	FALSE
MW-7	03/27/07	18 J	FALSE
MW-7	03/29/07	ND<25 U	FALSE
MW-7	09/26/07	17	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
MW-7	10/03/12	12.2	FALSE
MW-7	04/01/13	21.5	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-7	04/09/15	14	FALSE

MW-8	07/14/94	ND<2.5 U	FALSE

MW-8	12/15/94	ND<2.5 U	FALSE
MW-8	05/12/97	12	FALSE
MW-8	11/19/97	10 I	FALSE
MW-8	04/17/98	38	FALSE
MW-8	04/28/98	7 I	FALSE
MW-8	11/10/98	40	FALSE
MW-8	11/11/98	19 I	FALSE
MW-8	04/26/99	8 I	FALSE
MW-8	05/05/99	ND<2.5 U	FALSE
MW-8	10/11/99	ND<25 U	FALSE
MW-8	11/01/99	7 I	FALSE
MW-8	11/06/99	8 I	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	04/13/00	5 I	FALSE
MW-8	11/01/00	31	FALSE
MW-8	11/07/00	7.8	FALSE
MW-8	04/30/01	16	FALSE
MW-8	05/02/01	7.4	FALSE
MW-8	10/22/01	65	FALSE
MW-8	10/24/01	39	FALSE
MW-8	01/14/02	ND<2.5 U	FALSE
MW-8	04/29/02	30	FALSE
MW-8	**05/02/02**	**130**	**TRUE**
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	10/31/02	12	FALSE
MW-8	03/25/03	ND<2.5 U	FALSE
MW-8	03/28/03	25	FALSE
MW-8	09/30/03	ND<2.5 U	FALSE
MW-8	10/02/03	21	FALSE
MW-8	03/30/04	5.2	FALSE
MW-8	04/01/04	23	FALSE
MW-8	09/27/04	ND<2.5 U	FALSE
MW-8	09/29/04	7.5	FALSE
MW-8	03/29/05	7.5	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
MW-8	04/08/15	ND<2.5 U	FALSE

MW-5	07/15/94	ND<2.5 U	FALSE
MW-5	10/21/94	ND<25 U	FALSE
MW-5	12/14/94	ND<2.5 U	FALSE
MW-5	03/16/95	ND<25 U	FALSE
MW-5	06/22/95	ND<25 U	FALSE
MW-5	10/04/95	ND<25 U	FALSE
MW-5	05/13/97	8	FALSE
MW-5	11/20/97	7 I	FALSE
MW-5	04/13/98	88	FALSE
MW-5	04/29/98	6 I	FALSE
MW-5	11/11/98	52	FALSE
MW-5	11/16/98	7 I	FALSE
MW-5	04/26/99	ND<2.5 U	FALSE
MW-5	05/06/99	9 I	FALSE
MW-5	10/11/99	ND<25 U	FALSE
MW-5	11/02/99	ND<2.5 U	FALSE
MW-5	11/06/99	6 I	FALSE
MW-5	04/03/00	ND<2.5 U	FALSE
MW-5	04/12/00	7 I	FALSE
MW-5	11/01/00	7.4	FALSE
MW-5	11/06/00	34	FALSE
MW-5	04/30/01	ND<2.5 U	FALSE
MW-5	05/03/01	19	FALSE
MW-5	10/22/01	5.1	FALSE
MW-5	10/24/01	17	FALSE
MW-5	04/29/02	49	FALSE
MW-5	05/01/02	23	FALSE
MW-5	10/28/02	ND<2.5 U	FALSE
MW-5	10/31/02	12	FALSE
MW-5	03/24/03	ND<2.5 U	FALSE
MW-5	04/03/03	ND<2.5 U	FALSE
MW-5	09/29/03	ND<2.5 U	FALSE
MW-5	10/03/03	11	FALSE
MW-5	03/30/04	5.1	FALSE
MW-5	04/02/04	11	FALSE
MW-5	09/27/04	ND<2.5 U	FALSE
MW-5	09/30/04	7.2	FALSE
MW-5	03/30/05	8.8	FALSE
MW-5	04/12/05	ND<2.5 U	FALSE
MW-5	09/26/05	ND<2.5 U	FALSE
MW-5	**09/29/05**	**9800**	**TRUE**
MW-5	03/24/06	ND<2.5 U	FALSE
MW-5	09/26/06	9.5	FALSE
MW-5	09/29/06	13	FALSE
MW-5	03/27/07	ND<25 U	FALSE
MW-5	03/29/07	ND<25 U	FALSE
MW-5	09/26/07	8.5	FALSE
MW-5	09/27/07	ND<2.5 U	FALSE
MW-5	03/26/08	5.1	FALSE
MW-5	03/31/08	12.3	FALSE
MW-5	09/23/08	25.2	FALSE
MW-5	09/30/08	6.2	FALSE
MW-5	03/26/09	7.3	FALSE
MW-5	03/30/09	10	FALSE
MW-5	10/02/09	11.8	FALSE
MW-5	10/07/09	13.6	FALSE
MW-5	03/30/10	10.2	FALSE

MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	09/28/10	6.6	FALSE
MW-5	10/06/10	ND<2.5 U	FALSE
MW-5	03/25/11	ND<2.5 U	FALSE
MW-5	04/04/11	10	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	10/10/11	12.2	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	04/10/12	11.6	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	10/10/12	10.5	FALSE
MW-5	04/01/13	12.5	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-5	04/08/15	ND<2.5 U	FALSE

MW-6	07/15/94	ND<2.5 U	FALSE
MW-6	10/21/94	ND<25 U	FALSE
MW-6	12/14/94	ND<2.5 U	FALSE
MW-6	03/16/95	ND<25 U	FALSE
MW-6	06/22/95	ND<25 U	FALSE
MW-6	10/04/95	ND<25 U	FALSE
MW-6	05/07/97	6 I	FALSE
MW-6	11/20/97	ND<2.5 U	FALSE
MW-6	04/13/98	24	FALSE
MW-6	04/28/98	ND<2.5 U	FALSE
MW-6	11/11/98	28	FALSE
MW-6	11/16/98	ND<2.5 U	FALSE
MW-6	04/26/99	12 I	FALSE
MW-6	05/05/99	ND<2.5 U	FALSE
MW-6	10/11/99	ND<25 U	FALSE
MW-6	11/02/99	10 I	FALSE
MW-6	11/05/99	ND<2.5 U	FALSE
MW-6	04/03/00	ND<2.5 U	FALSE
MW-6	04/12/00	5 I	FALSE
MW-6	11/02/00	ND<2.5 U	FALSE
MW-6	11/06/00	31	FALSE
MW-6	04/30/01	12	FALSE
MW-6	05/03/01	36	FALSE
MW-6	**10/22/01**	**170**	**TRUE**
MW-6	10/24/01	5.2	FALSE
MW-6	04/29/02	94	FALSE
MW-6	05/02/02	6.3	FALSE
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	10/31/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	04/25/03	ND<2.5 U	FALSE
MW-6	09/29/03	100	FALSE
MW-6	10/02/03	5	FALSE
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	04/02/04	ND<2.5 U	FALSE
MW-6	09/27/04	12	FALSE
MW-6	09/29/04	5.5	FALSE
MW-6	03/30/05	ND<2.5 U	FALSE

MW-6	04/12/05	92	FALSE
MW-6	09/26/05	8	FALSE
MW-6	**09/30/05**	**ND<2500 U**	**TRUE**
MW-6	03/24/06	6.3	FALSE
MW-6	09/26/06	24	FALSE
MW-6	09/29/06	7.4	FALSE
MW-6	03/27/07	ND<25 U	FALSE
MW-6	03/29/07	ND<25 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	12.2	FALSE
MW-6	04/01/08	5.5	FALSE
MW-6	09/23/08	ND<2.5 U	FALSE
MW-6	09/30/08	ND<2.5 U	FALSE
MW-6	03/26/09	ND<2.5 U	FALSE
MW-6	03/31/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	10/07/09	ND<2.5 U	FALSE
MW-6	03/30/10	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	10/22/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	04/07/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	10/11/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	04/10/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	10/11/12	ND<2.5 U	FALSE
MW-6	04/01/13	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-6	04/07/15	ND<2.5 U	FALSE

MW-14	07/18/94	ND<2.5 U	FALSE
MW-14	12/14/94	ND<2.5 U	FALSE
MW-14	05/12/97	ND<2.5 U	FALSE
MW-14	11/18/97	ND<2.5 U	FALSE
MW-14	04/28/98	ND<2.5 U	FALSE
MW-14	11/12/98	ND<2.5 U	FALSE
MW-14	05/05/99	ND<2.5 U	FALSE
MW-14	10/11/99	ND<25 U	FALSE
MW-14	11/03/99	ND<2.5 U	FALSE
MW-14	04/06/00	ND<2.5 U	FALSE
MW-14	11/02/00	ND<2.5 U	FALSE
MW-14	05/02/01	ND<2.5 U	FALSE
MW-14	10/24/01	ND<2.5 U	FALSE
MW-14	04/30/02	ND<2.5 U	FALSE
MW-14	10/31/02	ND<2.5 U	FALSE
MW-14	03/28/03	ND<2.5 U	FALSE
MW-14	10/01/03	ND<2.5 U	FALSE
MW-14	03/31/04	ND<2.5 U	FALSE
MW-14	09/29/04	ND<2.5 U	FALSE
MW-14	03/25/05	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
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-14	04/08/15	16.5	FALSE

MW-4	07/18/94	ND<2.5 U	FALSE
MW-4	12/14/94	ND<2.5 U	FALSE
MW-4	05/13/97	ND<2.5 U	FALSE
MW-4	11/20/97	ND<2.5 U	FALSE
MW-4	**04/15/98**	**126**	**TRUE**
MW-4	04/29/98	ND<2.5 U	FALSE
MW-4	11/09/98	33	FALSE
MW-4	11/16/98	12 I	FALSE
MW-4	04/26/99	15 I	FALSE
MW-4	05/06/99	ND<2.5 U	FALSE
MW-4	10/11/99	ND<25 U	FALSE
MW-4	11/01/99	13 I	FALSE
MW-4	11/06/99	10 I	FALSE
MW-4	04/04/00	20 I	FALSE
MW-4	04/12/00	17 I	FALSE
MW-4	11/03/00	34	FALSE
MW-4	11/06/00	6.7	FALSE
MW-4	04/30/01	6	FALSE
MW-4	05/03/01	33	FALSE
MW-4	10/22/01	21	FALSE
MW-4	10/25/01	37	FALSE
MW-4	04/29/02	18	FALSE
MW-4	05/02/02	39	FALSE
MW-4	10/28/02	8.5	FALSE
MW-4	10/31/02	18	FALSE
MW-4	03/24/03	5.5	FALSE
MW-4	04/03/03	13	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	10/03/03	24	FALSE
MW-4	03/29/04	13	FALSE
MW-4	04/02/04	26	FALSE
MW-4	09/27/04	ND<2.5 U	FALSE
MW-4	09/30/04	21	FALSE
MW-4	03/30/05	33	FALSE
MW-4	04/11/05	35	FALSE
MW-4	09/26/05	9.4	FALSE
MW-4	**09/29/05**	**41000**	**TRUE**

MW-4	03/24/06	12	FALSE
MW-4	09/27/06	6.9	FALSE
MW-4	09/29/06	46	FALSE
MW-4	03/27/07	2.5 J	FALSE
MW-4	03/29/07	51	FALSE
MW-4	09/26/07	49.6	FALSE
MW-4	09/28/07	6.5	FALSE
MW-4	03/26/08	5	FALSE
MW-4	03/31/08	60.3	FALSE
MW-4	09/23/08	55.6	FALSE
MW-4	09/29/08	8.1	FALSE
MW-4	03/26/09	ND<2.5 U	FALSE
MW-4	03/31/09	55.9	FALSE
MW-4	10/02/09	6.2	FALSE
MW-4	10/07/09	72.5	FALSE
MW-4	03/30/10	71.1	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	09/28/10	72.1	FALSE
MW-4	10/07/10	ND<2.5 U	FALSE
MW-4	03/29/11	ND<2.5 U	FALSE
MW-4	04/04/11	80.3	FALSE
MW-4	10/05/11	ND<2.5 U	FALSE
MW-4	10/10/11	86.9	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	04/10/12	84.2	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	10/10/12	86.6	FALSE
MW-4	04/01/13	92.9	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-4	04/07/15	ND<2.5 U	FALSE

MW-2	07/19/94	ND<2.5 U	FALSE
MW-2	10/25/94	ND<25 U	FALSE
MW-2	12/16/94	ND<2.5 U	FALSE
MW-2	03/16/95	ND<25 U	FALSE
MW-2	06/23/95	ND<25 U	FALSE
MW-2	10/04/95	ND<25 U	FALSE
MW-2	10/10/96	ND<25 U	FALSE
MW-2	05/14/97	ND<2.5 U	FALSE
MW-2	11/17/97	ND<2.5 U	FALSE
MW-2	04/15/98	49	FALSE
MW-2	04/28/98	ND<2.5 U	FALSE
MW-2	11/11/98	40	FALSE
MW-2	11/16/98	5 I	FALSE
MW-2	04/27/99	5 I	FALSE
MW-2	05/06/99	ND<2.5 U	FALSE
MW-2	11/02/99	18 I	FALSE
MW-2	11/06/99	ND<2.5 U	FALSE
MW-2	04/04/00	16 I	FALSE
MW-2	04/12/00	ND<2.5 U	FALSE
MW-2	11/02/00	ND<2.5 U	FALSE
MW-2	11/06/00	6.5	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE

MW-2	05/02/01	19	FALSE
MW-2	10/22/01	61	FALSE
MW-2	10/24/01	61	FALSE
MW-2	04/29/02	92	FALSE
MW-2	05/02/02	21	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	10/30/02	13	FALSE
MW-2	03/24/03	6.7	FALSE
MW-2	03/26/03	ND<2.5 U	FALSE
MW-2	09/29/03	32	FALSE
MW-2	10/06/03	ND<2.5 U	FALSE
MW-2	03/29/04	21	FALSE
MW-2	04/02/04	ND<2.5 U	FALSE
MW-2	09/27/04	66	FALSE
MW-2	10/06/04	ND<2.5 U	FALSE
MW-2	03/30/05	5.1	FALSE
MW-2	04/11/05	97	FALSE
MW-2	09/26/05	54	FALSE
MW-2	**09/30/05**	**ND<2500 U**	**TRUE**
MW-2	03/23/06	92	FALSE
MW-2	09/28/06	23	FALSE
MW-2	09/29/06	ND<2.5 U	FALSE
MW-2	03/27/07	ND<25 U	FALSE
MW-2	03/30/07	ND<25 U	FALSE
MW-2	09/27/07	ND<2.5 U	FALSE
MW-2	09/28/07	80.6	FALSE
MW-2	03/26/08	ND<0.85 U	FALSE
MW-2	09/23/08	ND<2.5 U	FALSE
MW-2	09/29/08	10.1	FALSE
MW-2	03/26/09	40.9	FALSE
MW-2	03/31/09	ND<2.5 U	FALSE
MW-2	10/01/09	84.8	FALSE
MW-2	10/07/09	ND<2.5 U	FALSE
MW-2	03/29/10	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<2.5 U	FALSE
MW-2	10/05/11	7.5	FALSE
MW-2	10/10/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	04/10/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	10/11/12	ND<2.5 U	FALSE
MW-2	04/01/13	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-2	04/07/15	ND<2.5 U	FALSE

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-11	04/08/15	ND<2.5 U	FALSE
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-12	04/09/15	12.8	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-13	04/07/15	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-15S	04/08/15	8.8	FALSE
MW-3R	07/29/14	4.6 J	FALSE
MW-3R	10/01/14	10.7	FALSE
MW-3R	04/07/15	5.1	FALSE

Non-Parametric Tolerance Interval

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 16.9492%
Background measurements (n) = 10
Maximum Background Concentration = 21300
Minimum Coverage = 74.1%
Average Coverage = 90.9091%

Location	Date	Value	Significant
MW-2	09/12/90	4700	FALSE
MW-2	09/25/91	1400	FALSE
MW-2	09/22/92	1600	FALSE
MW-2	04/13/93	1000	FALSE
MW-2	07/19/94	2300	FALSE
MW-2	12/16/94	2200	FALSE
MW-4	09/12/90	2500	FALSE
MW-4	**09/26/91**	**51000**	**TRUE**
MW-4	**09/21/92**	**35000**	**TRUE**
MW-5	09/26/91	1200	FALSE
MW-5	09/21/92	1200	FALSE
MW-6	09/26/91	8700	FALSE
MW-6	09/21/92	5.7	FALSE
MW-6	07/15/94	2000	FALSE
MW-6	12/14/94	1500	FALSE
MW-7	04/08/93	ND<500 U	FALSE
MW-7	07/14/94	ND<500 U	FALSE
MW-7	12/14/94	ND<500 U	FALSE
MW-8	04/08/93	ND<500 U	FALSE
MW-8	07/14/94	ND<500 U	FALSE
MW-8	12/15/94	ND<500 U	FALSE
MW-10	07/14/94	ND<500 U	FALSE
MW-10	12/14/94	ND<500 U	FALSE
MW-14	07/18/94	ND<500 U	FALSE
MW-14	12/14/94	ND<0.5 U	FALSE
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-14	04/08/15	27600	TRUE
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-12	04/09/15	150000	TRUE
MW-15S	10/10/13	22700	TRUE
MW-15S	04/11/14	31500	TRUE
MW-15S	10/02/14	31000	TRUE
MW-15S	04/08/15	29200	TRUE

Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 10
Compliance measurements = 49
Comparison Level = 250000

0 background measurements exceed 250000
1 compliance measurements exceed 250000

p background = 0 = 0 / 10
p compliance = 0.0204082 = 1 / 49
p total = 0.0169492 = 1 / 59

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

Zp = 0.455632 = 0.0204082 / 0.0447909
Z critical = 1.64485 at 95% confidence level

0.455632 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 250000

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) = 7
Maximum Background Concentration = 147000
Minimum Coverage = 65.2%
Average Coverage = 87.5%

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-12	04/09/15	478000	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-14	04/08/15	176000	TRUE
MW-15S	10/10/13	150000	TRUE
MW-15S	04/11/14	181000	TRUE
MW-15S	10/02/14	193000	TRUE
MW-15S	04/08/15	228000	TRUE

Two-Sample Test of Proportions

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 7
Compliance measurements = 18
Comparison Level = 500000

0 background measurements exceed 500000
3 compliance measurements exceed 500000

p background = 0 = 0 / 7
p compliance = 0.166667 = 3 / 18
p total = 0.12 = 3 / 25

nPs = 3 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 15
m(1-Pb = 7

Zp = 1.15142 = 0.166667 / 0.144749
Z critical = 1.64485 at 95% confidence level

1.15142 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 500000

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 35
Compliance measurements = 560
Comparison Level = 0.3

35 background measurements exceed 0.3
553 compliance measurements exceed 0.3

p background = 1 = 35 / 35
p compliance = 0.9875 = 553 / 560
p total = 0.988235 = 588 / 595

nPs = 553
mPb = 35
n(1-Ps) = 7
m(1-Pb = 0 < 5.0

Zp = -0.665363 = -0.0125 / 0.0187867
Z critical = 1.64485 at 95% confidence level

-0.665363 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

Non-Parametric Tolerance Interval

Parameter: Vanadium

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

Total Percent Non-Detects = 55.4622%
Background measurements (n) = 35
Maximum Background Concentration = 131
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-10	07/14/94	ND<20 U	FALSE
MW-10	12/14/94	ND<20 U	FALSE
MW-10	05/07/97	ND<2.5 U	FALSE
MW-10	11/19/97	ND<2.5 U	FALSE
MW-10	04/29/98	5 I	FALSE
MW-10	11/11/98	ND<2.5 U	FALSE
MW-10	05/05/99	ND<2.5 U	FALSE
MW-10	10/11/99	ND<20 U	FALSE
MW-10	11/06/99	ND<2.5 U	FALSE
MW-10	04/13/00	ND<2.5 U	FALSE
MW-10	11/01/00	ND<2.5 U	FALSE
MW-10	**05/02/01**	**210**	**TRUE**
MW-10	10/24/01	9.7	FALSE
MW-10	04/30/02	21	FALSE
MW-10	05/02/02	68	FALSE
MW-10	10/29/02	50	FALSE
MW-10	03/25/03	69	FALSE
MW-10	03/28/03	ND<2.5 U	FALSE
MW-10	09/30/03	42	FALSE
MW-10	10/02/03	ND<2.5 U	FALSE
MW-10	03/30/04	18	FALSE
MW-10	04/01/04	ND<2.5 U	FALSE
MW-10	09/27/04	46	FALSE
MW-10	09/29/04	ND<2.5 U	FALSE
MW-10	03/29/05	ND<2.5 U	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
MW-10	04/07/15	6.7	FALSE

MW-7	07/14/94	ND<20 U	FALSE
MW-7	12/14/94	ND<20 U	FALSE
MW-7	03/16/95	ND<20 U	FALSE
MW-7	05/12/97	ND<2.5 U	FALSE
MW-7	11/17/97	ND<2.5 U	FALSE
MW-7	**04/13/98**	**134**	**TRUE**
MW-7	04/28/98	ND<2.5 U	FALSE
MW-7	11/11/98	ND<2.5 U	FALSE
MW-7	04/26/99	7 I	FALSE
MW-7	05/05/99	ND<2.5 U	FALSE
MW-7	10/11/99	ND<20 U	FALSE
MW-7	11/02/99	10 I	FALSE
MW-7	11/06/99	ND<2.5 U	FALSE
MW-7	04/03/00	ND<2.5 U	FALSE
MW-7	04/13/00	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	**09/30/05**	**ND<2500 U**	**TRUE**
MW-7	03/24/06	5.5	FALSE
MW-7	09/26/06	11	FALSE
MW-7	09/29/06	ND<2.5 U	FALSE
MW-7	03/27/07	23 J	FALSE
MW-7	03/29/07	ND<12.5 U	FALSE
MW-7	09/26/07	0.44 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
MW-7	10/03/12	ND<2.5 U	FALSE
MW-7	04/01/13	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-7	04/09/15	6.3	FALSE

MW-8	07/14/94	ND<20 U	FALSE

MW-8	12/15/94	ND<20 U	FALSE
MW-8	05/12/97	21	FALSE
MW-8	11/19/97	15 I	FALSE
MW-8	04/17/98	23	FALSE
MW-8	04/28/98	11 I	FALSE
MW-8	11/10/98	81	FALSE
MW-8	11/11/98	36	FALSE
MW-8	04/26/99	12 I	FALSE
MW-8	05/05/99	ND<2.5 U	FALSE
MW-8	10/11/99	ND<20 U	FALSE
MW-8	11/01/99	8 I	FALSE
MW-8	11/06/99	20 I	FALSE
MW-8	04/03/00	ND<2.5 U	FALSE
MW-8	04/13/00	11 I	FALSE
MW-8	11/01/00	62	FALSE
MW-8	11/07/00	13	FALSE
MW-8	04/30/01	16	FALSE
MW-8	05/02/01	12	FALSE
MW-8	**10/22/01**	**160**	**TRUE**
MW-8	10/24/01	41	FALSE
MW-8	01/14/02	18	FALSE
MW-8	04/29/02	72	FALSE
MW-8	**05/02/02**	**270**	**TRUE**
MW-8	10/28/02	ND<2.5 U	FALSE
MW-8	10/31/02	13	FALSE
MW-8	03/25/03	7	FALSE
MW-8	03/28/03	51	FALSE
MW-8	09/30/03	7.6	FALSE
MW-8	10/02/03	41	FALSE
MW-8	03/30/04	15	FALSE
MW-8	04/01/04	52	FALSE
MW-8	09/27/04	14	FALSE
MW-8	09/29/04	16	FALSE
MW-8	03/29/05	17	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
MW-8	04/08/15	ND<2.5 U	FALSE

MW-5	07/15/94	ND<20 U	FALSE
MW-5	10/21/94	ND<20 U	FALSE
MW-5	12/14/94	ND<20 U	FALSE
MW-5	03/16/95	ND<20 U	FALSE
MW-5	06/22/95	ND<20 U	FALSE
MW-5	10/04/95	ND<20 U	FALSE
MW-5	05/13/97	ND<2.5 U	FALSE
MW-5	11/20/97	ND<2.5 U	FALSE
MW-5	**04/13/98**	**198**	**TRUE**
MW-5	04/29/98	ND<2.5 U	FALSE
MW-5	11/11/98	116	FALSE
MW-5	11/16/98	ND<2.5 U	FALSE
MW-5	04/26/99	50	FALSE
MW-5	05/06/99	ND<2.5 U	FALSE
MW-5	10/11/99	ND<20 U	FALSE
MW-5	11/02/99	50	FALSE
MW-5	11/06/99	ND<2.5 U	FALSE
MW-5	04/03/00	52	FALSE
MW-5	04/12/00	ND<2.5 U	FALSE
MW-5	11/01/00	ND<2.5 U	FALSE
MW-5	11/06/00	55	FALSE
MW-5	04/30/01	51	FALSE
MW-5	05/03/01	17	FALSE
MW-5	10/22/01	38	FALSE
MW-5	10/24/01	12	FALSE
MW-5	04/29/02	130	FALSE
MW-5	05/01/02	12	FALSE
MW-5	10/28/02	13	FALSE
MW-5	10/31/02	ND<2.5 U	FALSE
MW-5	03/24/03	38	FALSE
MW-5	04/03/03	ND<2.5 U	FALSE
MW-5	09/29/03	28	FALSE
MW-5	10/03/03	ND<2.5 U	FALSE
MW-5	03/30/04	15	FALSE
MW-5	04/02/04	ND<2.5 U	FALSE
MW-5	09/27/04	25	FALSE
MW-5	09/30/04	ND<2.5 U	FALSE
MW-5	03/30/05	ND<2.5 U	FALSE
MW-5	04/12/05	13	FALSE
MW-5	09/26/05	26	FALSE
MW-5	**09/29/05**	**ND<2500 U**	**TRUE**
MW-5	03/24/06	11	FALSE
MW-5	09/26/06	25	FALSE
MW-5	09/29/06	ND<2.5 U	FALSE
MW-5	03/27/07	7.8 J	FALSE
MW-5	03/29/07	ND<12.5 U	FALSE
MW-5	09/26/07	ND<2.5 U	FALSE
MW-5	09/27/07	8.3	FALSE
MW-5	03/26/08	13.7	FALSE
MW-5	03/31/08	ND<0.1 U	FALSE
MW-5	09/23/08	ND<2.5 U	FALSE
MW-5	09/30/08	8.8	FALSE
MW-5	03/26/09	20.7	FALSE
MW-5	03/30/09	ND<2.5 U	FALSE
MW-5	10/02/09	24.2	FALSE
MW-5	10/07/09	ND<2.5 U	FALSE
MW-5	03/30/10	ND<2.5 U	FALSE

MW-5	04/02/10	ND<2.5 U	FALSE
MW-5	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-5	10/05/11	ND<2.5 U	FALSE
MW-5	10/10/11	ND<2.5 U	FALSE
MW-5	04/05/12	ND<2.5 U	FALSE
MW-5	04/10/12	ND<2.5 U	FALSE
MW-5	10/03/12	ND<2.5 U	FALSE
MW-5	10/10/12	ND<2.5 U	FALSE
MW-5	04/01/13	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-5	04/08/15	ND<2.5 U	FALSE

MW-6	07/15/94	ND<20 U	FALSE
MW-6	10/21/94	ND<20 U	FALSE
MW-6	12/14/94	ND<20 U	FALSE
MW-6	03/16/95	ND<20 U	FALSE
MW-6	06/22/95	ND<20 U	FALSE
MW-6	10/04/95	ND<20 U	FALSE
MW-6	05/07/97	ND<2.5 U	FALSE
MW-6	11/20/97	ND<2.5 U	FALSE
MW-6	04/13/98	74	FALSE
MW-6	04/28/98	ND<2.5 U	FALSE
MW-6	11/11/98	86	FALSE
MW-6	11/16/98	ND<2.5 U	FALSE
MW-6	04/26/99	35	FALSE
MW-6	05/05/99	ND<2.5 U	FALSE
MW-6	10/11/99	ND<20 U	FALSE
MW-6	11/02/99	30	FALSE
MW-6	11/05/99	ND<2.5 U	FALSE
MW-6	04/03/00	8 I	FALSE
MW-6	04/12/00	ND<2.5 U	FALSE
MW-6	11/02/00	ND<2.5 U	FALSE
MW-6	11/06/00	49	FALSE
MW-6	04/30/01	15	FALSE
MW-6	05/03/01	12	FALSE
MW-6	**10/22/01**	**550**	**TRUE**
MW-6	10/24/01	8.7	FALSE
MW-6	**04/29/02**	**350**	**TRUE**
MW-6	05/02/02	12	FALSE
MW-6	10/28/02	ND<2.5 U	FALSE
MW-6	10/31/02	ND<2.5 U	FALSE
MW-6	03/25/03	ND<2.5 U	FALSE
MW-6	04/25/03	ND<2.5 U	FALSE
MW-6	**09/29/03**	**380**	**TRUE**
MW-6	10/02/03	ND<2.5 U	FALSE
MW-6	03/30/04	ND<2.5 U	FALSE
MW-6	04/02/04	ND<2.5 U	FALSE
MW-6	09/27/04	49	FALSE
MW-6	09/29/04	ND<2.5 U	FALSE
MW-6	03/30/05	ND<2.5 U	FALSE

MW-6	**04/12/05**	**430**	**TRUE**
MW-6	09/26/05	29	FALSE
MW-6	**09/30/05**	**ND<2500 U**	**TRUE**
MW-6	03/24/06	18	FALSE
MW-6	09/26/06	120	FALSE
MW-6	09/29/06	ND<2.5 U	FALSE
MW-6	03/27/07	2.2 J	FALSE
MW-6	03/29/07	ND<12.5 U	FALSE
MW-6	09/27/07	ND<2.5 U	FALSE
MW-6	03/26/08	48.1	FALSE
MW-6	04/01/08	ND<0.1 U	FALSE
MW-6	09/23/08	ND<2.5 U	FALSE
MW-6	09/30/08	6.1	FALSE
MW-6	03/26/09	8.2	FALSE
MW-6	03/31/09	ND<2.5 U	FALSE
MW-6	10/02/09	ND<2.5 U	FALSE
MW-6	10/07/09	ND<2.5 U	FALSE
MW-6	03/30/10	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	10/22/10	ND<2.5 U	FALSE
MW-6	03/25/11	ND<2.5 U	FALSE
MW-6	04/07/11	ND<2.5 U	FALSE
MW-6	10/05/11	ND<2.5 U	FALSE
MW-6	10/11/11	ND<2.5 U	FALSE
MW-6	04/04/12	ND<2.5 U	FALSE
MW-6	04/10/12	ND<2.5 U	FALSE
MW-6	10/03/12	ND<2.5 U	FALSE
MW-6	10/11/12	ND<2.5 U	FALSE
MW-6	04/01/13	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-6	04/07/15	ND<2.5 U	FALSE

MW-14	07/18/94	ND<20 U	FALSE
MW-14	12/14/94	ND<20 U	FALSE
MW-14	05/12/97	ND<2.5 U	FALSE
MW-14	11/18/97	ND<2.5 U	FALSE
MW-14	04/28/98	ND<2.5 U	FALSE
MW-14	11/12/98	ND<2.5 U	FALSE
MW-14	05/05/99	ND<2.5 U	FALSE
MW-14	10/11/99	ND<20 U	FALSE
MW-14	11/03/99	ND<2.5 U	FALSE
MW-14	04/06/00	ND<2.5 U	FALSE
MW-14	11/02/00	ND<2.5 U	FALSE
MW-14	05/02/01	ND<2.5 U	FALSE
MW-14	10/24/01	ND<2.5 U	FALSE
MW-14	04/30/02	ND<2.5 U	FALSE
MW-14	10/31/02	ND<2.5 U	FALSE
MW-14	03/28/03	ND<2.5 U	FALSE
MW-14	10/01/03	ND<2.5 U	FALSE
MW-14	03/31/04	ND<2.5 U	FALSE
MW-14	09/29/04	ND<2.5 U	FALSE
MW-14	03/25/05	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
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-14	04/08/15	84.7	FALSE

MW-4	07/18/94	ND<20 U	FALSE
MW-4	12/14/94	ND<20 U	FALSE
MW-4	05/13/97	ND<2.5 U	FALSE
MW-4	11/20/97	ND<2.5 U	FALSE
MW-4	**04/15/98**	**342**	**TRUE**
MW-4	04/29/98	ND<2.5 U	FALSE
MW-4	11/09/98	55	FALSE
MW-4	11/16/98	ND<2.5 U	FALSE
MW-4	04/26/99	22	FALSE
MW-4	05/06/99	ND<2.5 U	FALSE
MW-4	10/11/99	ND<20 U	FALSE
MW-4	11/01/99	11 I	FALSE
MW-4	11/06/99	ND<2.5 U	FALSE
MW-4	04/04/00	56	FALSE
MW-4	04/12/00	ND<2.5 U	FALSE
MW-4	11/03/00	10	FALSE
MW-4	11/06/00	ND<2.5 U	FALSE
MW-4	04/30/01	ND<2.5 U	FALSE
MW-4	05/03/01	14	FALSE
MW-4	10/22/01	23	FALSE
MW-4	10/25/01	16	FALSE
MW-4	04/29/02	24	FALSE
MW-4	05/02/02	19	FALSE
MW-4	10/28/02	ND<2.5 U	FALSE
MW-4	10/31/02	ND<2.5 U	FALSE
MW-4	03/24/03	19	FALSE
MW-4	04/03/03	ND<2.5 U	FALSE
MW-4	09/30/03	ND<2.5 U	FALSE
MW-4	10/03/03	ND<2.5 U	FALSE
MW-4	03/29/04	38	FALSE
MW-4	04/02/04	ND<2.5 U	FALSE
MW-4	09/27/04	5.1	FALSE
MW-4	09/30/04	ND<2.5 U	FALSE
MW-4	03/30/05	ND<2.5 U	FALSE
MW-4	04/11/05	110	FALSE
MW-4	09/26/05	31	FALSE
MW-4	**09/29/05**	**ND<2500 U**	**TRUE**

MW-4	03/24/06	32	FALSE
MW-4	09/27/06	11	FALSE
MW-4	09/29/06	ND<2.5 U	FALSE
MW-4	03/27/07	4.3 J	FALSE
MW-4	03/29/07	ND<12.5 U	FALSE
MW-4	09/26/07	ND<2.5 U	FALSE
MW-4	09/28/07	4.5 J	FALSE
MW-4	03/26/08	10.5	FALSE
MW-4	03/31/08	ND<0.1 U	FALSE
MW-4	09/23/08	ND<2.5 U	FALSE
MW-4	09/29/08	7	FALSE
MW-4	03/26/09	6.8	FALSE
MW-4	03/31/09	ND<2.5 U	FALSE
MW-4	10/02/09	6.5	FALSE
MW-4	10/07/09	ND<2.5 U	FALSE
MW-4	03/30/10	ND<2.5 U	FALSE
MW-4	04/06/10	ND<2.5 U	FALSE
MW-4	09/28/10	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	04/04/11	ND<2.5 U	FALSE
MW-4	10/05/11	7.2	FALSE
MW-4	10/10/11	ND<2.5 U	FALSE
MW-4	04/05/12	ND<2.5 U	FALSE
MW-4	04/10/12	ND<2.5 U	FALSE
MW-4	10/04/12	ND<2.5 U	FALSE
MW-4	10/10/12	ND<2.5 U	FALSE
MW-4	04/01/13	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-4	04/07/15	ND<2.5 U	FALSE

MW-2	07/19/94	ND<20 U	FALSE
MW-2	10/25/94	ND<20 U	FALSE
MW-2	12/16/94	ND<20 U	FALSE
MW-2	03/16/95	ND<20 U	FALSE
MW-2	06/23/95	ND<20 U	FALSE
MW-2	10/04/95	ND<20 U	FALSE
MW-2	10/10/96	ND<20 U	FALSE
MW-2	05/14/97	ND<2.5 U	FALSE
MW-2	11/17/97	ND<2.5 U	FALSE
MW-2	04/15/98	47	FALSE
MW-2	04/28/98	ND<2.5 U	FALSE
MW-2	11/11/98	36	FALSE
MW-2	11/16/98	ND<2.5 U	FALSE
MW-2	04/27/99	ND<2.5 U	FALSE
MW-2	05/06/99	ND<2.5 U	FALSE
MW-2	11/02/99	16 I	FALSE
MW-2	11/06/99	ND<2.5 U	FALSE
MW-2	04/04/00	14 I	FALSE
MW-2	04/12/00	ND<2.5 U	FALSE
MW-2	11/02/00	ND<2.5 U	FALSE
MW-2	11/06/00	7.8	FALSE
MW-2	04/30/01	ND<2.5 U	FALSE

MW-2	05/02/01	12	FALSE
MW-2	10/22/01	77	FALSE
MW-2	10/24/01	32	FALSE
MW-2	04/29/02	87	FALSE
MW-2	05/02/02	21	FALSE
MW-2	10/28/02	ND<2.5 U	FALSE
MW-2	10/30/02	7	FALSE
MW-2	03/24/03	6.8	FALSE
MW-2	03/26/03	ND<2.5 U	FALSE
MW-2	09/29/03	30	FALSE
MW-2	10/06/03	ND<2.5 U	FALSE
MW-2	03/29/04	23	FALSE
MW-2	04/02/04	ND<2.5 U	FALSE
MW-2	09/27/04	74	FALSE
MW-2	10/06/04	ND<2.5 U	FALSE
MW-2	03/30/05	ND<2.5 U	FALSE
MW-2	04/11/05	98	FALSE
MW-2	09/26/05	59	FALSE
MW-2	**09/30/05**	**ND<2500 U**	**TRUE**
MW-2	03/23/06	92	FALSE
MW-2	09/28/06	23	FALSE
MW-2	09/29/06	ND<2.5 U	FALSE
MW-2	03/27/07	1.4 J	FALSE
MW-2	03/30/07	ND<12.5 U	FALSE
MW-2	09/27/07	ND<2.5 U	FALSE
MW-2	09/28/07	76.1	FALSE
MW-2	03/26/08	ND<0.1 U	FALSE
MW-2	09/23/08	ND<2.5 U	FALSE
MW-2	09/29/08	11.8	FALSE
MW-2	03/26/09	37.8	FALSE
MW-2	03/31/09	ND<2.5 U	FALSE
MW-2	10/01/09	96.8	FALSE
MW-2	10/07/09	ND<2.5 U	FALSE
MW-2	03/29/10	ND<2.5 U	FALSE
MW-2	04/06/10	ND<2.5 U	FALSE
MW-2	09/27/10	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	04/05/11	ND<2.5 U	FALSE
MW-2	10/05/11	12.5	FALSE
MW-2	10/10/11	ND<2.5 U	FALSE
MW-2	04/04/12	ND<2.5 U	FALSE
MW-2	04/10/12	ND<2.5 U	FALSE
MW-2	10/05/12	ND<2.5 U	FALSE
MW-2	10/11/12	ND<2.5 U	FALSE
MW-2	04/01/13	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-2	04/07/15	ND<2.5 U	FALSE

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-11	04/08/15	ND<2.5 U	FALSE
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-12	04/09/15	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-13	04/07/15	ND<2.5 U	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-15S	04/08/15	17	FALSE
MW-3R	07/29/14	6.8	FALSE
MW-3R	10/01/14	12.1	FALSE
MW-3R	04/07/15	7.8	FALSE

Non-Parametric Tolerance Interval

Parameter: Zinc

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

Total Percent Non-Detects = 50%
Background measurements (n) = 35
Maximum Background Concentration = 200
Minimum Coverage = 91.8%
Average Coverage = 97.2222%

Location	Date	Value	Significant
MW-2	**09/12/90**	**530**	**TRUE**
MW-2	09/25/91	42	FALSE
MW-2	09/22/92	29	FALSE
MW-2	04/13/93	20	FALSE
MW-2	07/19/94	ND<5 U	FALSE
MW-2	10/25/94	ND<5 U	FALSE
MW-2	12/16/94	ND<5 U	FALSE
MW-2	03/16/95	ND<5 U	FALSE
MW-2	06/23/95	ND<5 U	FALSE
MW-2	10/04/95	10	FALSE
MW-2	10/10/96	ND<5 U	FALSE
MW-2	05/14/97	ND<10 U	FALSE
MW-2	11/17/97	ND<10 U	FALSE
MW-2	04/15/98	190	FALSE
MW-2	04/28/98	70 I	FALSE
MW-2	11/11/98	145	FALSE
MW-2	11/16/98	ND<12.5 U	FALSE
MW-2	04/27/99	31 I	FALSE
MW-2	05/06/99	80 I	FALSE
MW-2	11/02/99	70 I	FALSE
MW-2	11/06/99	ND<12.5 U	FALSE
MW-2	04/04/00	61 I	FALSE
MW-2	04/12/00	ND<12.5 U	FALSE
MW-2	11/02/00	ND<5 U	FALSE
MW-2	11/06/00	25	FALSE
MW-2	04/30/01	22	FALSE
MW-2	05/02/01	29	FALSE
MW-2	**10/22/01**	**230**	**TRUE**
MW-2	10/24/01	110	FALSE
MW-2	**04/29/02**	**360**	**TRUE**
MW-2	05/02/02	52	FALSE
MW-2	10/28/02	ND<5 U	FALSE
MW-2	10/30/02	16	FALSE
MW-2	03/24/03	23	FALSE
MW-2	03/26/03	14	FALSE
MW-2	09/29/03	120	FALSE
MW-2	10/06/03	ND<5 U	FALSE
MW-2	03/29/04	78	FALSE
MW-2	04/02/04	ND<5 U	FALSE
MW-2	**09/27/04**	**260**	**TRUE**
MW-2	10/06/04	ND<5 U	FALSE
MW-2	03/30/05	ND<5 U	FALSE
MW-2	**04/11/05**	**330**	**TRUE**
MW-2	09/26/05	190	FALSE

MW-2	**09/30/05**	**ND<5000 U**	**TRUE**
MW-2	**03/23/06**	**330**	**TRUE**
MW-2	09/28/06	85	FALSE
MW-2	09/29/06	ND<5 U	FALSE
MW-2	03/27/07	9 J	FALSE
MW-2	03/30/07	11	FALSE
MW-2	09/27/07	18.6	FALSE
MW-2	**09/28/07**	**311**	**TRUE**
MW-2	03/26/08	ND<0.2 U	FALSE
MW-2	09/23/08	ND<5 U	FALSE
MW-2	09/29/08	33.1	FALSE
MW-2	03/26/09	152	FALSE
MW-2	03/31/09	ND<5 U	FALSE
MW-2	**10/01/09**	**316**	**TRUE**
MW-2	10/07/09	ND<5 U	FALSE
MW-2	03/29/10	ND<5 U	FALSE
MW-2	04/06/10	ND<5 U	FALSE
MW-2	09/27/10	ND<5 U	FALSE
MW-2	10/08/10	ND<5 U	FALSE
MW-2	03/25/11	13.4	FALSE
MW-2	04/05/11	ND<5 U	FALSE
MW-2	10/05/11	23.5	FALSE
MW-2	10/10/11	ND<5 U	FALSE
MW-2	04/04/12	ND<5 U	FALSE
MW-2	04/10/12	12.9	FALSE
MW-2	10/05/12	10.8	FALSE
MW-2	10/11/12	ND<5 U	FALSE
MW-2	04/01/13	ND<5 U	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-2	04/07/15	10.1	FALSE

MW-4	09/12/90	150	FALSE
MW-4	09/26/91	42	FALSE
MW-4	09/21/92	10	FALSE
MW-4	07/18/94	ND<5 U	FALSE
MW-4	12/14/94	ND<5 U	FALSE
MW-4	05/13/97	ND<10 U	FALSE
MW-4	11/20/97	ND<10 U	FALSE
MW-4	**04/15/98**	**210**	**TRUE**
MW-4	04/29/98	ND<10 U	FALSE
MW-4	11/09/98	46 I	FALSE
MW-4	11/16/98	ND<12.5 U	FALSE
MW-4	04/26/99	42 I	FALSE
MW-4	05/06/99	ND<12.5 U	FALSE
MW-4	10/11/99	10	FALSE
MW-4	11/01/99	ND<12.5 U	FALSE
MW-4	11/06/99	ND<12.5 U	FALSE
MW-4	04/04/00	42 I	FALSE
MW-4	04/12/00	ND<12.5 U	FALSE
MW-4	11/03/00	29	FALSE
MW-4	11/06/00	ND<5 U	FALSE
MW-4	04/30/01	ND<5 U	FALSE
MW-4	05/03/01	28	FALSE

MW-4	10/22/01	27	FALSE
MW-4	10/25/01	29	FALSE
MW-4	04/29/02	19	FALSE
MW-4	05/02/02	34	FALSE
MW-4	10/28/02	10	FALSE
MW-4	10/31/02	14	FALSE
MW-4	03/24/03	30	FALSE
MW-4	04/03/03	ND<5 U	FALSE
MW-4	09/30/03	ND<5 U	FALSE
MW-4	10/03/03	ND<5 U	FALSE
MW-4	03/29/04	27	FALSE
MW-4	04/02/04	14	FALSE
MW-4	09/27/04	22	FALSE
MW-4	09/30/04	ND<5 U	FALSE
MW-4	03/30/05	ND<5 U	FALSE
MW-4	04/11/05	79	FALSE
MW-4	09/26/05	24	FALSE
MW-4	**09/29/05**	**ND<5000 U**	**TRUE**
MW-4	03/24/06	23	FALSE
MW-4	09/27/06	ND<5 U	FALSE
MW-4	09/29/06	ND<5 U	FALSE
MW-4	03/27/07	5.4 J	FALSE
MW-4	03/29/07	25	FALSE
MW-4	09/26/07	18.6	FALSE
MW-4	09/28/07	12.2	FALSE
MW-4	03/26/08	ND<0.2 U	FALSE
MW-4	03/31/08	13.4	FALSE
MW-4	09/23/08	ND<5 U	FALSE
MW-4	09/29/08	ND<5 U	FALSE
MW-4	03/26/09	ND<5 U	FALSE
MW-4	03/31/09	ND<5 U	FALSE
MW-4	10/02/09	ND<5 U	FALSE
MW-4	10/07/09	15	FALSE
MW-4	03/30/10	ND<5 U	FALSE
MW-4	04/06/10	ND<5 U	FALSE
MW-4	09/28/10	ND<5 U	FALSE
MW-4	10/07/10	ND<5 U	FALSE
MW-4	03/29/11	ND<5 U	FALSE
MW-4	04/04/11	15.1	FALSE
MW-4	10/05/11	ND<5 U	FALSE
MW-4	10/10/11	15.1	FALSE
MW-4	04/05/12	ND<5 U	FALSE
MW-4	04/10/12	16.9	FALSE
MW-4	10/04/12	11.7	FALSE
MW-4	10/10/12	14.5	FALSE
MW-4	04/01/13	13.8	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-4	04/07/15	ND<5 U	FALSE

MW-5	09/26/91	24	FALSE
MW-5	09/21/92	ND<5 U	FALSE
MW-5	07/15/94	12	FALSE
MW-5	10/21/94	15	FALSE

MW-5	12/14/94	ND<5 U	FALSE
MW-5	03/16/95	ND<5 U	FALSE
MW-5	06/22/95	ND<5 U	FALSE
MW-5	10/04/95	19	FALSE
MW-5	05/13/97	ND<10 U	FALSE
MW-5	11/20/97	ND<10 U	FALSE
MW-5	04/13/98	180	FALSE
MW-5	04/29/98	ND<10 U	FALSE
MW-5	11/11/98	97 I	FALSE
MW-5	11/16/98	ND<12.5 U	FALSE
MW-5	04/26/99	27 I	FALSE
MW-5	05/06/99	ND<12.5 U	FALSE
MW-5	10/11/99	15	FALSE
MW-5	11/02/99	20 I	FALSE
MW-5	11/06/99	ND<12.5 U	FALSE
MW-5	04/03/00	ND<12.5 U	FALSE
MW-5	04/12/00	ND<12.5 U	FALSE
MW-5	11/01/00	ND<5 U	FALSE
MW-5	11/06/00	75	FALSE
MW-5	04/30/01	ND<5 U	FALSE
MW-5	05/03/01	88	FALSE
MW-5	10/22/01	13	FALSE
MW-5	10/24/01	54	FALSE
MW-5	04/29/02	84	FALSE
MW-5	05/01/02	50	FALSE
MW-5	10/28/02	ND<5 U	FALSE
MW-5	10/31/02	36	FALSE
MW-5	03/24/03	ND<5 U	FALSE
MW-5	04/03/03	ND<5 U	FALSE
MW-5	09/29/03	ND<5 U	FALSE
MW-5	10/03/03	ND<5 U	FALSE
MW-5	03/30/04	13	FALSE
MW-5	04/02/04	25	FALSE
MW-5	09/27/04	21	FALSE
MW-5	09/30/04	ND<5 U	FALSE
MW-5	03/30/05	ND<5 U	FALSE
MW-5	04/12/05	ND<5 U	FALSE
MW-5	09/26/05	11	FALSE
MW-5	**09/29/05**	**ND<5000 U**	**TRUE**
MW-5	03/24/06	ND<5 U	FALSE
MW-5	09/26/06	15	FALSE
MW-5	09/29/06	ND<5 U	FALSE
MW-5	03/27/07	7.7 J	FALSE
MW-5	03/29/07	28	FALSE
MW-5	09/26/07	ND<5 U	FALSE
MW-5	09/27/07	12.4	FALSE
MW-5	03/26/08	ND<0.2 U	FALSE
MW-5	03/31/08	ND<0.2 U	FALSE
MW-5	09/23/08	ND<5 U	FALSE
MW-5	09/30/08	12	FALSE
MW-5	03/26/09	15.1	FALSE
MW-5	03/30/09	ND<5 U	FALSE
MW-5	10/02/09	14.3	FALSE
MW-5	10/07/09	ND<5 U	FALSE
MW-5	03/30/10	ND<5 U	FALSE
MW-5	04/02/10	ND<5 U	FALSE
MW-5	09/28/10	ND<5 U	FALSE

MW-5	10/06/10	ND<5 U	FALSE
MW-5	03/25/11	ND<5 U	FALSE
MW-5	04/04/11	ND<5 U	FALSE
MW-5	10/05/11	ND<5 U	FALSE
MW-5	10/10/11	ND<5 U	FALSE
MW-5	04/05/12	11.1	FALSE
MW-5	04/10/12	ND<5 U	FALSE
MW-5	10/03/12	ND<5 U	FALSE
MW-5	10/10/12	ND<5 U	FALSE
MW-5	04/01/13	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-5	04/08/15	ND<5 U	FALSE

MW-6	09/26/91	30	FALSE
MW-6	09/21/92	19	FALSE
MW-6	07/15/94	ND<5 U	FALSE
MW-6	10/21/94	12	FALSE
MW-6	12/14/94	ND<5 U	FALSE
MW-6	03/16/95	ND<5 U	FALSE
MW-6	06/22/95	ND<5 U	FALSE
MW-6	10/04/95	10	FALSE
MW-6	05/07/97	ND<10 U	FALSE
MW-6	11/20/97	ND<10 U	FALSE
MW-6	04/13/98	79	FALSE
MW-6	04/28/98	ND<10 U	FALSE
MW-6	11/11/98	63 I	FALSE
MW-6	11/16/98	ND<12.5 U	FALSE
MW-6	04/26/99	55 I	FALSE
MW-6	05/05/99	ND<12.5 U	FALSE
MW-6	10/11/99	11	FALSE
MW-6	11/02/99	50 I	FALSE
MW-6	11/05/99	ND<12.5 U	FALSE
MW-6	04/03/00	34 I	FALSE
MW-6	04/12/00	ND<12.5 U	FALSE
MW-6	11/02/00	59	FALSE
MW-6	11/06/00	73	FALSE
MW-6	04/30/01	27	FALSE
MW-6	05/03/01	100	FALSE
MW-6	**10/22/01**	**440**	**TRUE**
MW-6	10/24/01	62	FALSE
MW-6	**04/29/02**	**260**	**TRUE**
MW-6	05/02/02	28	FALSE
MW-6	10/28/02	ND<5 U	FALSE
MW-6	10/31/02	14	FALSE
MW-6	03/25/03	ND<5 U	FALSE
MW-6	04/25/03	16	FALSE
MW-6	**09/29/03**	**290**	**TRUE**
MW-6	10/02/03	ND<5 U	FALSE
MW-6	03/30/04	ND<5 U	FALSE
MW-6	04/02/04	49	FALSE
MW-6	09/27/04	57	FALSE
MW-6	09/29/04	ND<5 U	FALSE
MW-6	03/30/05	ND<5 U	FALSE

MW-6	**04/12/05**	**320**	**TRUE**
MW-6	09/26/05	21	FALSE
MW-6	**09/30/05**	**ND<5000 U**	**TRUE**
MW-6	03/24/06	14	FALSE
MW-6	09/26/06	84	FALSE
MW-6	09/29/06	ND<5 U	FALSE
MW-6	03/27/07	4.2 J	FALSE
MW-6	03/29/07	12	FALSE
MW-6	09/27/07	16.4	FALSE
MW-6	03/26/08	42.9	FALSE
MW-6	04/01/08	ND<0.2 U	FALSE
MW-6	09/23/08	ND<5 U	FALSE
MW-6	09/30/08	ND<5 U	FALSE
MW-6	03/26/09	15	FALSE
MW-6	03/31/09	ND<5 U	FALSE
MW-6	10/02/09	ND<5 U	FALSE
MW-6	10/07/09	ND<5 U	FALSE
MW-6	03/30/10	ND<5 U	FALSE
MW-6	04/02/10	27.8	FALSE
MW-6	10/06/10	ND<5 U	FALSE
MW-6	10/22/10	ND<5 U	FALSE
MW-6	03/25/11	23	FALSE
MW-6	04/07/11	ND<5 U	FALSE
MW-6	10/05/11	ND<5 U	FALSE
MW-6	10/11/11	ND<5 U	FALSE
MW-6	04/04/12	ND<5 U	FALSE
MW-6	04/10/12	ND<5 U	FALSE
MW-6	10/03/12	ND<5 U	FALSE
MW-6	10/11/12	ND<5 U	FALSE
MW-6	04/01/13	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-6	04/07/15	ND<5 U	FALSE

MW-7	04/08/93	ND<5 U	FALSE
MW-7	07/14/94	10	FALSE
MW-7	12/14/94	ND<5 U	FALSE
MW-7	03/16/95	14	FALSE
MW-7	05/12/97	ND<10 U	FALSE
MW-7	11/17/97	ND<10 U	FALSE
MW-7	04/13/98	90	FALSE
MW-7	04/28/98	ND<10 U	FALSE
MW-7	11/11/98	ND<12.5 U	FALSE
MW-7	04/26/99	ND<12.5 U	FALSE
MW-7	05/05/99	ND<12.5 U	FALSE
MW-7	10/11/99	14	FALSE
MW-7	11/02/99	40 I	FALSE
MW-7	11/06/99	ND<12.5 U	FALSE
MW-7	04/03/00	ND<12.5 U	FALSE
MW-7	04/13/00	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	**09/30/05**	**25000**	**TRUE**
MW-7	03/24/06	11	FALSE
MW-7	09/26/06	24	FALSE
MW-7	09/29/06	41	FALSE
MW-7	03/27/07	37	FALSE
MW-7	03/29/07	28	FALSE
MW-7	09/26/07	22.4	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
MW-7	10/03/12	ND<5 U	FALSE
MW-7	04/01/13	17.2	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-7	04/09/15	ND<5 U	FALSE

MW-8	04/08/93	ND<5 U	FALSE
MW-8	07/14/94	12	FALSE
MW-8	12/15/94	ND<5 U	FALSE
MW-8	05/12/97	ND<10 U	FALSE
MW-8	11/19/97	ND<10 U	FALSE
MW-8	04/17/98	40 I	FALSE
MW-8	04/28/98	ND<10 U	FALSE
MW-8	11/10/98	84 I	FALSE
MW-8	11/11/98	ND<12.5 U	FALSE
MW-8	04/26/99	45 I	FALSE
MW-8	05/05/99	ND<12.5 U	FALSE
MW-8	10/11/99	14	FALSE
MW-8	11/01/99	40 I	FALSE
MW-8	11/06/99	ND<12.5 U	FALSE
MW-8	04/03/00	ND<12.5 U	FALSE
MW-8	04/13/00	ND<12.5 U	FALSE
MW-8	11/01/00	45	FALSE
MW-8	11/07/00	20	FALSE
MW-8	04/30/01	39	FALSE
MW-8	05/02/01	ND<5 U	FALSE
MW-8	10/22/01	200	FALSE
MW-8	10/24/01	66	FALSE
MW-8	01/14/02	21	FALSE
MW-8	04/29/02	75	FALSE

MW-8	05/02/02	200	FALSE
MW-8	10/28/02	ND<5 U	FALSE
MW-8	10/31/02	15	FALSE
MW-8	03/25/03	ND<5 U	FALSE
MW-8	03/28/03	31	FALSE
MW-8	09/30/03	ND<5 U	FALSE
MW-8	10/02/03	30	FALSE
MW-8	03/30/04	14	FALSE
MW-8	04/01/04	41	FALSE
MW-8	09/27/04	12	FALSE
MW-8	09/29/04	ND<5 U	FALSE
MW-8	03/29/05	13	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
MW-8	04/08/15	ND<5 U	FALSE

MW-10	07/14/94	ND<5 U	FALSE
MW-10	12/14/94	ND<5 U	FALSE
MW-10	05/07/97	ND<10 U	FALSE
MW-10	11/19/97	ND<10 U	FALSE
MW-10	04/29/98	ND<10 U	FALSE
MW-10	11/11/98	ND<12.5 U	FALSE
MW-10	05/05/99	30 I	FALSE
MW-10	10/11/99	14	FALSE
MW-10	11/06/99	ND<12.5 U	FALSE
MW-10	04/13/00	ND<12.5 U	FALSE
MW-10	11/01/00	ND<5 U	FALSE
MW-10	05/02/01	170	FALSE
MW-10	10/24/01	18	FALSE
MW-10	04/30/02	14	FALSE
MW-10	05/02/02	64	FALSE
MW-10	10/29/02	56	FALSE
MW-10	03/25/03	62	FALSE
MW-10	03/28/03	ND<5 U	FALSE
MW-10	09/30/03	38	FALSE
MW-10	10/02/03	12	FALSE
MW-10	03/30/04	21	FALSE
MW-10	04/01/04	29	FALSE

MW-10	09/27/04	40	FALSE
MW-10	09/29/04	ND<5 U	FALSE
MW-10	03/29/05	ND<5 U	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
MW-10	04/07/15	ND<5 U	FALSE

MW-14	07/18/94	ND<5 U	FALSE
MW-14	12/14/94	ND<5 U	FALSE
MW-14	05/12/97	ND<10 U	FALSE
MW-14	11/18/97	ND<10 U	FALSE
MW-14	04/28/98	150	FALSE
MW-14	11/12/98	89 I	FALSE
MW-14	05/05/99	70 I	FALSE
MW-14	10/11/99	15	FALSE
MW-14	11/03/99	30 I	FALSE
MW-14	04/06/00	59 I	FALSE
MW-14	11/02/00	18	FALSE
MW-14	05/02/01	13	FALSE
MW-14	10/24/01	18	FALSE
MW-14	04/30/02	18	FALSE
MW-14	10/31/02	ND<5 U	FALSE
MW-14	03/28/03	ND<5 U	FALSE
MW-14	10/01/03	ND<5 U	FALSE
MW-14	03/31/04	30	FALSE
MW-14	09/29/04	ND<5 U	FALSE
MW-14	03/25/05	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
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-14	04/08/15	52.7	FALSE

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-11	04/08/15	ND<5 U	FALSE

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-12	04/09/15	16.8	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-13	04/07/15	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-15S	04/08/15	ND<5 U	FALSE
MW-3R	07/29/14	ND<5 U	FALSE
MW-3R	10/01/14	ND<5 U	FALSE
MW-3R	04/07/15	ND<5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Barium

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

Total Percent Non-Detects = 2.73038%
Background measurements (n) = 31
Maximum Background Concentration = 1290
Minimum Coverage = 90.8%
Average Coverage = 96.875%

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-5D	04/08/15	61.2	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
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-2D	04/07/15	89.3	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
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-4D	04/07/15	28.2	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-8D	04/08/15	160	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
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-11D	04/08/15	14.9	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-10D	04/07/15	15.5	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
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-12D	04/09/15	58	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-13D	04/07/15	236	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-14D	04/08/15	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
MW-15D	04/08/15	164	FALSE

Non-Parametric Tolerance Interval

Parameter: Chloride

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 40%
Background measurements (n) = 9
Maximum Background Concentration = 6300
Minimum Coverage = 71.7%
Average Coverage = 90%

Location	Date	Value	Significant
MW-12D	10/02/09	ND<2500 U	FALSE
MW-12D	04/06/10	6000	FALSE
MW-12D	**10/07/10**	**7700**	**TRUE**
MW-12D	**03/29/11**	**6500**	**TRUE**
MW-12D	**10/06/11**	**7700**	**TRUE**
MW-12D	**04/05/12**	**7800**	**TRUE**
MW-12D	**10/10/13**	**11500**	**TRUE**
MW-12D	**04/11/14**	**11000**	**TRUE**
MW-12D	**10/02/14**	**28000**	**TRUE**
MW-14D	10/02/09	ND<2500 U	FALSE
MW-14D	04/06/10	ND<2500 U	FALSE
MW-14D	10/07/10	ND<2500 U	FALSE
MW-14D	03/29/11	ND<2500 U	FALSE
MW-14D	10/06/11	ND<2500 U	FALSE
MW-14D	04/05/12	ND<2500 U	FALSE
MW-14D	10/11/13	2100	FALSE
MW-14D	04/11/14	2000	FALSE
MW-14D	10/02/14	1900	FALSE
MW-15D	**10/10/13**	**18100**	**TRUE**
MW-15D	**04/11/14**	**13100**	**TRUE**
MW-15D	**10/02/14**	**11800**	**TRUE**

Non-Parametric Tolerance Interval

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 81.9113%
Background measurements (n) = 31
Maximum Background Concentration = 126
Minimum Coverage = 90.8%
Average Coverage = 96.875%

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-5D	04/08/15	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
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-2D	04/07/15	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
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-4D	04/07/15	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-8D	04/08/15	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
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-11D	04/08/15	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-10D	04/07/15	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
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-12D	04/09/15	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-13D	04/07/15	32	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-14D	04/08/15	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
MW-15D	04/08/15	6.2	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 31
Compliance measurements = 262
Comparison Level = 1

28 background measurements exceed 1
248 compliance measurements exceed 1

p background = 0.903226 = 28 / 31
p compliance = 0.946565 = 248 / 262
p total = 0.94198 = 276 / 293

nPs = 248
mPb = 28
n(1-Ps) = 14
m(1-Pb = 3 < 5.0

Zp = 0.976036 = 0.0433391 / 0.0444031
Z critical = 1.64485 at 95% confidence level

0.976036 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1

Non-Parametric Tolerance Interval

Parameter: Iron

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

Total Percent Non-Detects = 21.875%
Background measurements (n) = 10
Maximum Background Concentration = 645000
Minimum Coverage = 74.1%
Average Coverage = 90.9091%

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-12D	04/09/15	1080	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-14D	04/08/15	51.9	FALSE
MW-15D	10/10/13	1260	FALSE
MW-15D	04/11/14	715	FALSE
MW-15D	10/02/14	810	FALSE
MW-15D	04/08/15	1010	FALSE

Two-Sample Test of Proportions

Parameter: Iron

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 10
Compliance measurements = 22
Comparison Level = 300

6 background measurements exceed 300
12 compliance measurements exceed 300

p background = 0.6 = 6 / 10
p compliance = 0.545455 = 12 / 22
p total = 0.5625 = 18 / 32

nPs = 12
mPb = 6
n(1-Ps) = 10
m(1-Pb = 4 < 5.0

Zp = -0.2883 = -0.0545455 / 0.189197
Z critical = 1.64485 at 95% confidence level

-0.2883 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 300

Non-Parametric Tolerance Interval

Parameter: Manganese

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

Total Percent Non-Detects = 40.625%
Background measurements (n) = 10
Maximum Background Concentration = 11400
Minimum Coverage = 74.1%
Average Coverage = 90.9091%

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-12D	04/09/15	184	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-14D	04/08/15	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
MW-15D	04/08/15	285	FALSE

Two-Sample Test of Proportions

Parameter: Manganese

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 10
Compliance measurements = 22
Comparison Level = 50

2 background measurements exceed 50
9 compliance measurements exceed 50

p background = 0.2 = 2 / 10
p compliance = 0.409091 = 9 / 22
p total = 0.34375 = 11 / 32

nPs = 9
mPb = 2 < 5.0
n(1-Ps) = 13
m(1-Pb = 8

Zp = 1.15429 = 0.209091 / 0.181142
Z critical = 1.64485 at 95% confidence level

1.15429 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 50

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 64.8464%
Background measurements (n) = 31
Maximum Background Concentration = 212
Minimum Coverage = 90.8%
Average Coverage = 96.875%

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-5D	04/08/15	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
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-2D	04/07/15	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
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-4D	04/07/15	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-8D	04/08/15	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
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-11D	04/08/15	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-10D	04/07/15	ND<2.5 U	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
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-12D	04/09/15	ND<2.5 U	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-13D	04/07/15	15.4	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-14D	04/08/15	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
MW-15D	04/08/15	ND<2.5 U	FALSE

Non-Parametric Tolerance Interval

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 2.94118%
Background measurements (n) = 10
Maximum Background Concentration = 47100
Minimum Coverage = 74.1%
Average Coverage = 90.9091%

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-12D	**04/09/15**	**68600**	**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-14D	04/08/15	16300	FALSE
MW-15D	**10/10/13**	**77300**	**TRUE**
MW-15D	**04/11/14**	**108000**	**TRUE**
MW-15D	**10/02/14**	**66300**	**TRUE**
MW-15D	**04/08/15**	**49300**	**TRUE**

Two-Sample Test of Proportions

Parameter: Sulfate

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 10
Compliance measurements = 24
Comparison Level = 250000

0 background measurements exceed 250000
0 compliance measurements exceed 250000

p background = 0 = 0 / 10
p compliance = 0 = 0 / 24
p total = 0 = 0 / 34

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 24
m(1-Pb = 10

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Total Dissolved Solids

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 0%
Background measurements (n) = 7
Maximum Background Concentration = 405000
Minimum Coverage = 65.2%
Average Coverage = 87.5%

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-12D	04/09/15	362000	FALSE
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-14D	04/08/15	188000	FALSE
MW-15D	10/10/13	365000	FALSE
MW-15D	04/11/14	374000	FALSE
MW-15D	10/02/14	324000	FALSE
MW-15D	04/08/15	296000	FALSE

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 64.1638%
Background measurements (n) = 31
Maximum Background Concentration = 420
Minimum Coverage = 90.8%
Average Coverage = 96.875%

Location	Date	Value	Significant
MW-5D	04/13/98	12 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	8.3	FALSE
MW-5D	04/30/01	ND<2.5 U	FALSE
MW-5D	10/22/01	7.3	FALSE
MW-5D	04/29/02	15	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	2.4 J	FALSE
MW-5D	09/27/07	1.9 J	FALSE
MW-5D	03/26/08	ND<0.1 U	FALSE
MW-5D	09/30/08	ND<2.5 U	FALSE
MW-5D	03/26/09	7.5	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-5D	04/08/15	ND<2.5 U	FALSE
MW-2D	04/15/98	ND<2.5 U	FALSE
MW-2D	11/11/98	14 I	FALSE
MW-2D	04/27/99	ND<2.5 U	FALSE
MW-2D	11/02/99	6 I	FALSE
MW-2D	04/04/00	ND<2.5 U	FALSE
MW-2D	11/06/00	5.3	FALSE
MW-2D	04/30/01	8.1	FALSE

MW-2D	10/22/01	ND<2.5 U	FALSE
MW-2D	04/29/02	17	FALSE
MW-2D	10/28/02	10	FALSE
MW-2D	03/24/03	ND<2.5 U	FALSE
MW-2D	09/29/03	13	FALSE
MW-2D	03/29/04	8.2	FALSE
MW-2D	09/27/04	9.9	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	2.6 J	FALSE
MW-2D	09/28/07	3.1 J	FALSE
MW-2D	03/26/08	ND<0.1 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-2D	04/07/15	ND<2.5 U	FALSE

MW-4D	04/15/98	6 I	FALSE
MW-4D	11/09/98	18 I	FALSE
MW-4D	04/26/99	5 I	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	44	FALSE
MW-4D	04/30/01	21	FALSE
MW-4D	10/22/01	100	FALSE
MW-4D	04/29/02	59	FALSE
MW-4D	10/28/02	12	FALSE
MW-4D	03/24/03	22	FALSE
MW-4D	09/29/03	8.6	FALSE
MW-4D	03/29/04	39	FALSE
MW-4D	09/27/04	6.2	FALSE
MW-4D	04/11/05	6.1	FALSE
MW-4D	09/26/05	5.1	FALSE
MW-4D	03/24/06	ND<2.5 U	FALSE
MW-4D	09/27/06	21	FALSE
MW-4D	03/27/07	4.3 J	FALSE
MW-4D	09/28/07	3.7 J	FALSE
MW-4D	03/26/08	9.7	FALSE
MW-4D	09/29/08	46.7	FALSE
MW-4D	03/26/09	30.5	FALSE
MW-4D	10/02/09	60.7	FALSE
MW-4D	04/06/10	8.3	FALSE
MW-4D	10/07/10	6.9	FALSE
MW-4D	03/29/11	6.9	FALSE

MW-4D	10/05/11	7.6	FALSE
MW-4D	04/05/12	8.5	FALSE
MW-4D	10/04/12	ND<2.5 U	FALSE
MW-4D	04/10/13	31	FALSE
MW-4D	10/10/13	5.3	FALSE
MW-4D	04/11/14	ND<2.5 U	FALSE
MW-4D	10/01/14	ND<2.5 U	FALSE
MW-4D	04/07/15	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	8.5	FALSE
MW-8D	04/29/02	18	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	1.8 J	FALSE
MW-8D	09/28/07	1.9 J	FALSE
MW-8D	03/27/08	ND<0.1 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-8D	04/08/15	ND<2.5 U	FALSE
MW-11D	04/29/02	13	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	2.1 J	FALSE
MW-11D	09/27/07	1.4 J	FALSE
MW-11D	03/27/08	ND<0.1 U	FALSE
MW-11D	09/30/08	ND<2.5 U	FALSE
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-11D	04/08/15	ND<2.5 U	FALSE

MW-10D	04/30/02	190	FALSE
MW-10D	10/29/02	14	FALSE
MW-10D	03/25/03	25	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	9.8	FALSE
MW-10D	09/27/05	27	FALSE
MW-10D	03/23/06	6.6	FALSE
MW-10D	09/27/06	ND<2.5 U	FALSE
MW-10D	03/27/07	3.9 J	FALSE
MW-10D	09/27/07	5.8	FALSE
MW-10D	03/26/08	ND<0.1 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<1.25 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-10D	04/07/15	ND<2.5 U	FALSE

MW-12D	10/28/02	ND<2.5 U	FALSE
MW-12D	03/25/03	300	FALSE
MW-12D	09/30/03	25	FALSE
MW-12D	03/30/04	ND<2.5 U	FALSE
MW-12D	09/27/04	120	FALSE
MW-12D	04/11/05	100	FALSE
MW-12D	09/27/05	16	FALSE
MW-12D	03/27/06	17	FALSE
MW-12D	09/27/06	93	FALSE

MW-12D	03/27/07	7.4 J	FALSE
MW-12D	09/28/07	83.1	FALSE
MW-12D	03/27/08	15.5	FALSE
MW-12D	09/30/08	ND<2.5 U	FALSE
MW-12D	03/26/09	7	FALSE
MW-12D	10/02/09	ND<2.5 U	FALSE
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	7.3	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-12D	04/09/15	ND<2.5 U	FALSE

MW-13D	09/27/05	130	FALSE
MW-13D	03/27/06	80	FALSE
MW-13D	09/28/06	34	FALSE
MW-13D	03/27/07	30	FALSE
MW-13D	09/28/07	0.67 J	FALSE
MW-13D	03/27/08	9.6	FALSE
MW-13D	09/29/08	5.2	FALSE
MW-13D	03/26/09	17.3	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<1.25 U	FALSE
MW-13D	10/09/13	5.4	FALSE
MW-13D	04/17/14	ND<2.5 U	FALSE
MW-13D	10/01/14	ND<2.5 U	FALSE
MW-13D	04/07/15	ND<2.5 U	FALSE

MW-14D	09/27/06	ND<2.5 U	FALSE
MW-14D	03/27/07	1.4 J	FALSE
MW-14D	09/28/07	2 J	FALSE
MW-14D	03/27/08	ND<0.1 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-14D	04/08/15	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
MW-15D	04/08/15	10.7	FALSE

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 31
Compliance measurements = 262
Comparison Level = 0.3

31 background measurements exceed 0.3
256 compliance measurements exceed 0.3

p background = 1 = 31 / 31
p compliance = 0.977099 = 256 / 262
p total = 0.979522 = 287 / 293

nPs = 256
mPb = 31
n(1-Ps) = 6
m(1-Pb = 0 < 5.0

Zp = -0.851331 = -0.0229008 / 0.0268999
Z critical = 1.64485 at 95% confidence level

-0.851331 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

Non-Parametric Tolerance Interval

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 48.8055%
Background measurements (n) = 31
Maximum Background Concentration = 195
Minimum Coverage = 90.8%
Average Coverage = 96.875%

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-5D	04/08/15	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
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-2D	04/07/15	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
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-4D	04/07/15	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-8D	04/08/15	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
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-11D	04/08/15	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-10D	04/07/15	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
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-12D	04/09/15	ND<5 U	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-13D	04/07/15	ND<5 U	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-14D	04/08/15	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
MW-15D	04/08/15	ND<5 U	FALSE

G:\PROJECT\Buncombe\09204072.12\New LF.dwg Dec 30, 2014 - 5:34pm Layout Name: site map By: 3465ael

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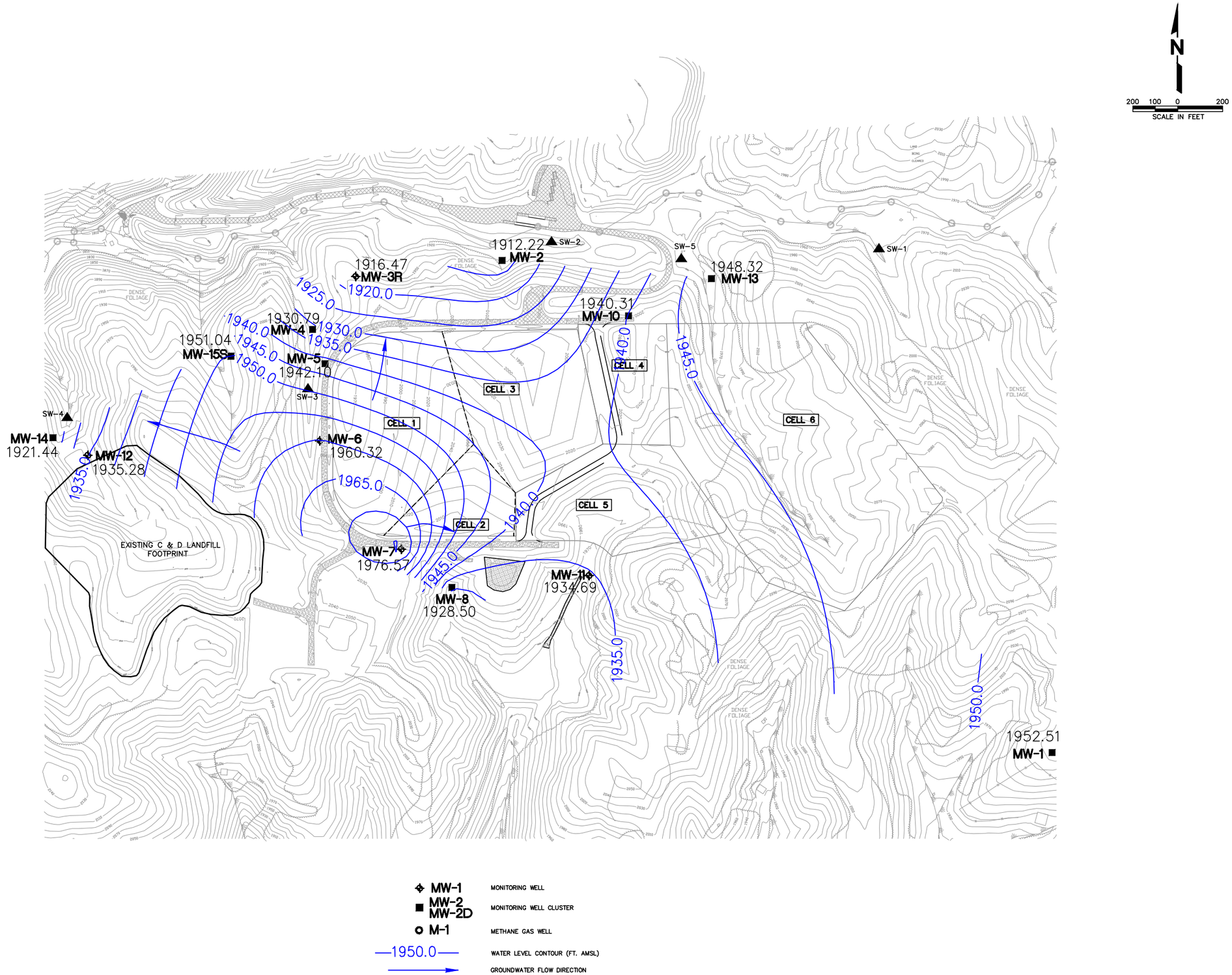
Figure 1. Facility Figure, New Buncombe County Landfill, Buncombe County

Table 2. April 2015 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	5.0	651	0.01	0.05	0.02	Between MW-1 and 1945 contour
MW-2	5.67	17.8	366	0.05	0.05	5.51	Between MW-2 and 1930 contour
MW-3R	1.84	8.5	166	0.05	0.05	1.89	Between MW-3R and 1925 contour
MW-4	1.42	19.2	276	0.07	0.05	1.98	Between MW-4 and 1950 contour
MW-5	2.75	17.1	242	0.07	0.05	3.89	Between MW-5 and 1925 contour
MW-6	0.414	5.3	109	0.05	0.05	0.40	Between MW-6 and 1955 contour
MW-7	0.201	26.6	150	0.18	0.05	0.71	Between MW-7 and 1950 contour
MW-8	0.0358	31.5	191	0.16	0.05	0.12	Between MW-8 and 1960 contour
MW-10	0.07	20.3	460	0.04	0.05	0.06	Between MW-10 and 1920 contour
MW-11	0.915	10.3	879	0.01	0.05	0.21	Between MW-11 and 1945 contour
MW-12	0.33	14.7	418	0.04	0.05	0.23	Between MW-12 and 1950 contour
MW-13	0.77	18.3	519	0.04	0.3	0.09	Between MW-13 and 1930 contour
MW-14	0.33	23.6	422	0.06	0.05	0.37	Between MW-14 and 1945 contour
MW-15S	---	---	---	---	---	---	---
MW-1D	0.0327	5.1	761	0.01	0.05	0.004	Between MW-1D and 1946 contour
MW-2D	0.159	11.8	254	0.05	0.05	0.148	Between MW-2D and 1924 contour
MW-4D	0.833	11.8	218	0.05	0.05	0.899	Between MW-4D and 1942 contour
MW-5D	0.329	8.9	132	0.07	0.05	0.444	Between MW-5D and 1932 contour
MW-8D	3.35	7.8	668	0.01	0.05	0.784	Between MW-8D and 1938 contour
MW-10D	0.176	11.7	278	0.04	0.05	0.148	Between MW-10D and 1928 contour
MW-11D	1.35	6.9	558	0.01	0.05	0.332	Between MW-11D and 1940 contour
MW-12D	---	---	---	---	---	---	---
MW-13D	0.28	16.5	526	0.03	0.05	0.176	Between MW-13D and 1930 contour
MW-14D	0.04	7.6	82	0.09	0.05	0.074	Between MW-14D and 1930 contour
MW-15D	---	---	---	---	---	---	---

Notes:

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



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

G:\PROJECT\Buncombe\09204072.12\New LF.dwg May 29, 2015 – 5:34pm Layout Name: Shallow (Spring 2015) By: 3465ael

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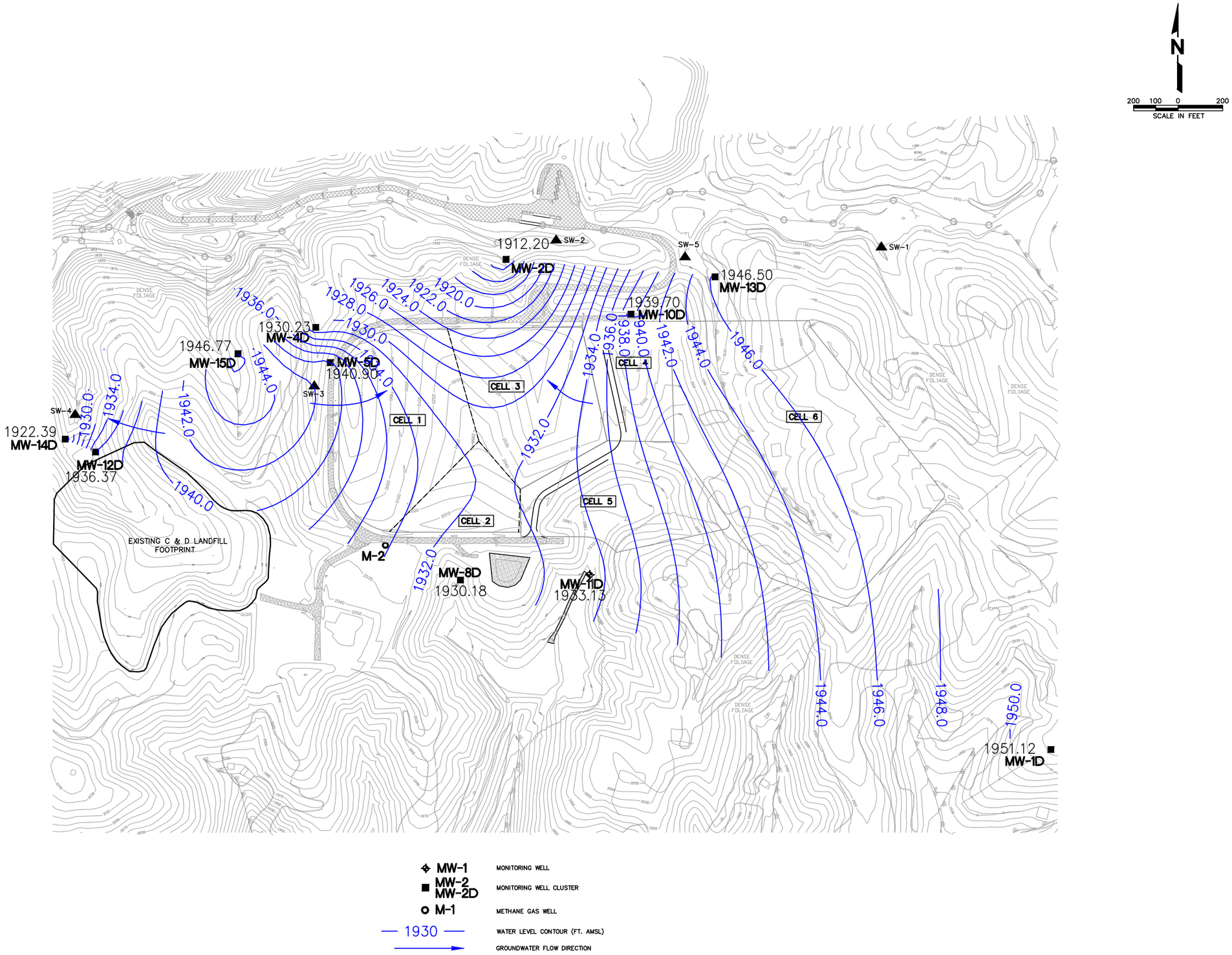
Figure 2. April 2015 Groundwater Contour Map, Shallow Wells, New Buncombe County Landfill, Buncombe County



G:\PROJECT\Buncombe\09204072.12\New LF.dwg May 29, 2015 – 6:03pm Layout Name: Deep (Spring 2015) By: 3465oel

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Figure 3. April 2015 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

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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

1817886

Section A Required Client Information:

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

Section B Required Project Information:

Report To: Ed ~~H.~~ Hilton
Copy To:
Purchase Order No.:
Project Name: SW's & Leachate 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	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH Temp Specc Tags	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92244082
1	SW-1					4-6-15	940		4			1	3					X	X	X		001
2	SW-2					4-6	1000		4			1	3					X	X	X		002
3	SW-3					4-6	1045		4			1	3					X	X	X		003
4	SW-4					4-6	1145		4			1	3					X	X	X		004
5	SW-5					4-6	1215		4			1	3					X	X	X		005
6	SW-6					4-6	1245		4			1	3					X	X	X		006
7	SW-7					4-6	1025		4			1	3					X	X	X		007
8	LEACHATE					4-6	1530		4			1	3					X	X	X		008
9																						
10	TVL BLK					4-6	900		2				2						X			009
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-6-15	1610	[signature] Pass	4-6-15	1610				
	[signature] Pass	4-6-15	16	[signature]	4/6/15	16:10	0.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK A. SWANN

SIGNATURE of SAMPLER: [signature] Pass DATE Signed (MM/DD/YY): 4.6.15

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	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

SCS SW's & LD's

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNCOMBE CO NCS LF

Date	Time	Sampler	Sample ID	~~Water Level (Ft)~~	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
4-6-15	940	MGS	SW-1		7.4	10.9	136	5.05		CLEAR, LOW FLOW
	1000		SW-2		7.3	9.9	143	6.08		CLEAR, LOW FLOW
	1045		SW-3		7.2	14.2	136	4.09		CLEAR LOW FLOW
	1145		SW-4		7.3	11.6	225	30.7		HAZY, STRONG FLOW
	1225		SW-5		7.9	12.2	746	4.55		CLEAR, LOW FLOW
EG 4/14/15	~~1025~~	12:45	SW-6		7.6	11.1	225	26.3		CLEAR, LOW FLOW
EG 4/14/15	~~1530~~	10:25	SW-7		7.2	10.2	142	3.95		CLEAR, VERY LOW FLOW
	15:30		Leachate		8.2	12.3	5280	63.7		GREEN OPAQUE
				X						
	1330		LD-1		5.7	14.9	224	2.42		CLEAR, SLIGHT ODOR
	1455		LD-2		5.9	13.4	283	8.33		CLEAR, ORGANIC ODOR
	1420		LD-3		6.4	16.7	462	21.0		CLEAR, SLIGHT ODOR
	1340		LD-4		5.5	16.8	179	5.40		CLEAR, SOLIDS, STRONG ODOR
	1435		LD-5		6.3	17.1	729	9.50		CLEAR, SOLIDS, SLIGHT ODOR
	1400		LD-6		6.4	17.8	641	9.88		CLEAR, SOLIDS, NO ODOR
	1510		Leachate LD		4.9	14.4	397	8.45		CLEAR, SLIGHT ODOR

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

April 16, 2015

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

RE: Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory on April 06, 2015. 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

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

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: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92244082001	**1107-SW1**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082002	**1107-SW2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082003	**1107-SW3**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082004	**1107-SW4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082005	**1107-SW5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082006	**1107-SW6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082007	**1107-SW7**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082008	**1107-LEACHATE**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244082009	**1107-TRIP BLANK**	EPA 8260	GAW	52	PASI-C

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Asheville, NC 28804
(828)254-7176

ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW1 **Lab ID: 92244082001** Collected: 04/06/15 09:40 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 09:40		
Field pH	**7.4**	Std. Units	0.10	1		04/06/15 09:40		
Field Temperature	**10.9**	deg C	0.50	1		04/06/15 09:40		
Field Specific Conductance	**136**	umhos/cm	1.0	1		04/06/15 09:40		
Turbidity	**5.05**	NTU	1.0	1		04/06/15 09:40		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:26	7440-38-2	
Barium	**98.3**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:26	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:26	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-48-4	
Copper	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:26	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:26	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:26	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:26	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 02:14	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 02:14	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 02:14	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 02:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 02:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 02:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 02:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 02:14	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 02:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 02:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 02:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 02:14	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 02:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 02:14	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 02:14	96-12-8	L3
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 02:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 02:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 02:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 02:14	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 02:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 02:14	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 02:14	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW1 **Lab ID: 92244082001** Collected: 04/06/15 09:40 Received: 04/06/15 16:10 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		04/15/15 02:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 02:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 02:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 02:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 02:14	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 02:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 02:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 02:14	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 02:14	591-78-6	L3
Iodomethane	ND	ug/L	5.0	1		04/15/15 02:14	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 02:14	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 02:14	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 02:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 02:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 02:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 02:14	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 02:14	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 02:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 02:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 02:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 02:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 02:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 02:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 02:14	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 02:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 02:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 02:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/15/15 02:14	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		04/15/15 02:14	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		04/15/15 02:14	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW2 **Lab ID: 92244082002** Collected: 04/06/15 10:00 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 10:00		
Field pH	**7.3**	Std. Units	0.10	1		04/06/15 10:00		
Field Temperature	**9.9**	deg C	0.50	1		04/06/15 10:00		
Field Specific Conductance	**143**	umhos/cm	1.0	1		04/06/15 10:00		
Turbidity	**6.08**	NTU	1.0	1		04/06/15 10:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:40	7440-38-2	
Barium	**50.8**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:40	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:40	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-48-4	
Copper	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:40	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:40	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:40	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:40	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 01:56	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 01:56	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 01:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 01:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 01:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 01:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 01:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 01:56	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 01:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 01:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 01:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 01:56	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 01:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 01:56	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 01:56	96-12-8	L3
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 01:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 01:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 01:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 01:56	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 01:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 01:56	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 01:56	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW2 **Lab ID: 92244082002** Collected: 04/06/15 10:00 Received: 04/06/15 16:10 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		04/15/15 01:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 01:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 01:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 01:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 01:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 01:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 01:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 01:56	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 01:56	591-78-6	L3
Iodomethane	ND	ug/L	5.0	1		04/15/15 01:56	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 01:56	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 01:56	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 01:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 01:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 01:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 01:56	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 01:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 01:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 01:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 01:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 01:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 01:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 01:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 01:56	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 01:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 01:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 01:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/15/15 01:56	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-130	1		04/15/15 01:56	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		04/15/15 01:56	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW3 **Lab ID: 92244082003** Collected: 04/06/15 10:45 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 10:45		
Field pH	**7.2**	Std. Units	0.10	1		04/06/15 10:45		
Field Temperature	**14.2**	deg C	0.50	1		04/06/15 10:45		
Field Specific Conductance	**136**	umhos/cm	1.0	1		04/06/15 10:45		
Turbidity	**4.09**	NTU	1.0	1		04/06/15 10:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:43	7440-38-2	
Barium	**46.0**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:43	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:43	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-48-4	
Copper	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:43	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:43	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:43	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:43	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 04:39	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 04:39	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 04:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 04:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 04:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 04:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 04:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 04:39	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 04:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 04:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 04:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 04:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 04:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 04:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 04:39	96-12-8	L3
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 04:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 04:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 04:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 04:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 04:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 04:39	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 04:39	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW3 **Lab ID: 92244082003** Collected: 04/06/15 10:45 Received: 04/06/15 16:10 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		04/15/15 04:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 04:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 04:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 04:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 04:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 04:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 04:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 04:39	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 04:39	591-78-6	L3
Iodomethane	ND	ug/L	5.0	1		04/15/15 04:39	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 04:39	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 04:39	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 04:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 04:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 04:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 04:39	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 04:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 04:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 04:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 04:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 04:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 04:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 04:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 04:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 04:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 04:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 04:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	108	%	70-130	1		04/15/15 04:39	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/15/15 04:39	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		04/15/15 04:39	2037-26-5	

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Asheville, NC 28804
(828)254-7176

ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW4 **Lab ID: 92244082004** Collected: 04/06/15 11:45 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 11:45		
Field pH	**7.3**	Std. Units	0.10	1		04/06/15 11:45		
Field Temperature	**11.6**	deg C	0.50	1		04/06/15 11:45		
Field Specific Conductance	**225**	umhos/cm	1.0	1		04/06/15 11:45		
Turbidity	**30.7**	NTU	1.0	1		04/06/15 11:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:46	7440-38-2	
Barium	**101**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:46	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:46	7440-43-9	
Chromium	**6.4**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-47-3	
Cobalt	**7.2**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-48-4	
Copper	**8.0**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7439-92-1	
Nickel	**5.2**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:46	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:46	7440-28-0	
Vanadium	**10.4**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:46	7440-62-2	
Zinc	**25.6**	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:46	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 06:46	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 06:46	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 06:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 06:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 06:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 06:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 06:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 06:46	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 06:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 06:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 06:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 06:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 06:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 06:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 06:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 06:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 06:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 06:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 06:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 06:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 06:46	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 06:46	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW4 **Lab ID: 92244082004** Collected: 04/06/15 11:45 Received: 04/06/15 16:10 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		04/15/15 06:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 06:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 06:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 06:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 06:46	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 06:46	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 06:46	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 06:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 06:46	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 06:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 06:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 06:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 06:46	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 06:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 06:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 06:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 06:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 06:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 06:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 06:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 06:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 06:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 06:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 06:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	109	%	70-130	1		04/15/15 06:46	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		04/15/15 06:46	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		04/15/15 06:46	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW5 **Lab ID: 92244082005** Collected: 04/06/15 12:25 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 12:25		
Field pH	**7.9**	Std. Units	0.10	1		04/06/15 12:25		
Field Temperature	**12.2**	deg C	0.50	1		04/06/15 12:25		
Field Specific Conductance	**746**	umhos/cm	1.0	1		04/06/15 12:25		
Turbidity	**4.55**	NTU	1.0	1		04/06/15 12:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:49	7440-38-2	
Barium	**43.3**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:49	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:49	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-48-4	
Copper	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7439-92-1	
Nickel	**5.5**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:49	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:49	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:49	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:49	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 05:33	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 05:33	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 05:33	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 05:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 05:33	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 05:33	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 05:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 05:33	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 05:33	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 05:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 05:33	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 05:33	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 05:33	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 05:33	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 05:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 05:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 05:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 05:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 05:33	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 05:33	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 05:33	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 05:33	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW5 **Lab ID: 92244082005** Collected: 04/06/15 12:25 Received: 04/06/15 16:10 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		04/15/15 05:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 05:33	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 05:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 05:33	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 05:33	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 05:33	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 05:33	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 05:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 05:33	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 05:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 05:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 05:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 05:33	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 05:33	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 05:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 05:33	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 05:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 05:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 05:33	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 05:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 05:33	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 05:33	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 05:33	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 05:33	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/15/15 05:33	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		04/15/15 05:33	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		04/15/15 05:33	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW6 **Lab ID: 92244082006** Collected: 04/06/15 12:45 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 12:45		
Field pH	**7.6**	Std. Units	0.10	1		04/06/15 12:45		
Field Temperature	**11.1**	deg C	0.50	1		04/06/15 12:45		
Field Specific Conductance	**225**	umhos/cm	1.0	1		04/06/15 12:45		
Turbidity	**26.3**	NTU	1.0	1		04/06/15 12:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:53	7440-38-2	
Barium	**93.6**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:53	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:53	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-48-4	
Copper	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:53	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:53	7440-28-0	
Vanadium	**6.2**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:53	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:53	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 05:52	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 05:52	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 05:52	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 05:52	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 05:52	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 05:52	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 05:52	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 05:52	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 05:52	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 05:52	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 05:52	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 05:52	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 05:52	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 05:52	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 05:52	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 05:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 05:52	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 05:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 05:52	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 05:52	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 05:52	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 05:52	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW6 **Lab ID: 92244082006** Collected: 04/06/15 12:45 Received: 04/06/15 16:10 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		04/15/15 05:52	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:52	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 05:52	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 05:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 05:52	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 05:52	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 05:52	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 05:52	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 05:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 05:52	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 05:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 05:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 05:52	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 05:52	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 05:52	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 05:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 05:52	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 05:52	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 05:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 05:52	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 05:52	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 05:52	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 05:52	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 05:52	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 05:52	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/15/15 05:52	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/15/15 05:52	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		04/15/15 05:52	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW7 **Lab ID: 92244082007** Collected: 04/06/15 10:25 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 10:25		
Field pH	**7.2**	Std. Units	0.10	1		04/06/15 10:25		
Field Temperature	**10.2**	deg C	0.50	1		04/06/15 10:25		
Field Specific Conductance	**142**	umhos/cm	1.0	1		04/06/15 10:25		
Turbidity	**3.95**	NTU	1.0	1		04/06/15 10:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:57	7440-38-2	
Barium	**70.4**	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:57	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 20:57	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-48-4	
Copper	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:57	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 20:57	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 20:57	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 20:57	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 06:10	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 06:10	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 06:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 06:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 06:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 06:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 06:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 06:10	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 06:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 06:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 06:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 06:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 06:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 06:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 06:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 06:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 06:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 06:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 06:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 06:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 06:10	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 06:10	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-SW7 **Lab ID: 92244082007** Collected: 04/06/15 10:25 Received: 04/06/15 16:10 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		04/15/15 06:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 06:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 06:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 06:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 06:10	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 06:10	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 06:10	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 06:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 06:10	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 06:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 06:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 06:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 06:10	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 06:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 06:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 06:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 06:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 06:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 06:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 06:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 06:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 06:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 06:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 06:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	109	%	70-130	1		04/15/15 06:10	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		04/15/15 06:10	17060-07-0	
Toluene-d8 (S)	108	%	70-130	1		04/15/15 06:10	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-LEACHATE **Lab ID: 92244082008** Collected: 04/06/15 15:30 Received: 04/06/15 16:10 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/06/15 15:30		
Field pH	**8.2**	Std. Units	0.10	1		04/06/15 15:30		
Field Temperature	**12.3**	deg C	0.50	1		04/06/15 15:30		
Field Specific Conductance	**5780**	umhos/cm	1.0	1		04/06/15 15:30		
Turbidity	**63.7**	NTU	1.0	1		04/06/15 15:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 21:00	7440-38-2	
Barium	**27.1**	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 21:00	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/07/15 13:30	04/08/15 21:00	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-47-3	
Cobalt	**51.6**	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-48-4	
Copper	**21.9**	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-50-8	
Lead	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7439-92-1	
Nickel	**353**	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/07/15 13:30	04/08/15 21:00	7782-49-2	
Silver	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/07/15 13:30	04/08/15 21:00	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/07/15 13:30	04/08/15 21:00	7440-62-2	
Zinc	**154**	ug/L	10.0	1	04/07/15 13:30	04/08/15 21:00	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 06:28	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 06:28	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 06:28	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 06:28	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 06:28	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 06:28	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 06:28	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 06:28	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 06:28	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 06:28	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 06:28	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 06:28	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 06:28	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 06:28	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 06:28	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 06:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 06:28	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 06:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 06:28	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 06:28	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 06:28	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 06:28	75-34-3	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-LEACHATE **Lab ID: 92244082008** Collected: 04/06/15 15:30 Received: 04/06/15 16:10 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		04/15/15 06:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:28	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 06:28	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 06:28	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 06:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 06:28	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 06:28	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 06:28	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 06:28	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 06:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 06:28	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 06:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 06:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 06:28	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 06:28	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 06:28	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 06:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 06:28	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 06:28	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 06:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 06:28	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 06:28	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 06:28	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 06:28	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 06:28	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 06:28	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	108	%	70-130	1		04/15/15 06:28	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/15/15 06:28	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		04/15/15 06:28	2037-26-5	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-TRIP BLANK **Lab ID: 92244082009** Collected: 04/06/15 09:00 Received: 04/06/15 16:10 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		04/15/15 05:15	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 05:15	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 05:15	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 05:15	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 05:15	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 05:15	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 05:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 05:15	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 05:15	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 05:15	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 05:15	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 05:15	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 05:15	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 05:15	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 05:15	96-12-8	L3
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 05:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 05:15	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 05:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 05:15	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 05:15	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 05:15	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/15/15 05:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/15/15 05:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 05:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 05:15	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 05:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 05:15	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 05:15	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 05:15	591-78-6	L3
Iodomethane	ND	ug/L	5.0	1		04/15/15 05:15	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 05:15	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 05:15	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 05:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 05:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 05:15	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 05:15	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 05:15	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 05:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 05:15	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 05:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 05:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 05:15	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 05:15	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 05:15	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 05:15	1330-20-7	

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ANALYTICAL RESULTS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Sample: 1107-TRIP BLANK **Lab ID: 92244082009** Collected: 04/06/15 09:00 Received: 04/06/15 16:10 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		04/15/15 05:15	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 05:15	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/15/15 05:15	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		04/15/15 05:15	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		04/15/15 05:15	2037-26-5	

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QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

QC Batch: MPRP/18224 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244082001, 92244082002, 92244082003, 92244082004, 92244082005, 92244082006, 92244082007, 92244082008

METHOD BLANK: 1428108 | Matrix: Water
Associated Lab Samples: 92244082001, 92244082002, 92244082003, 92244082004, 92244082005, 92244082006, 92244082007, 92244082008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/08/15 19:31	
Arsenic	ug/L	ND	10.0	04/08/15 19:31	
Barium	ug/L	ND	5.0	04/08/15 19:31	
Beryllium	ug/L	ND	1.0	04/08/15 19:31	
Cadmium	ug/L	ND	1.0	04/08/15 19:31	
Chromium	ug/L	ND	5.0	04/08/15 19:31	
Cobalt	ug/L	ND	5.0	04/08/15 19:31	
Copper	ug/L	ND	5.0	04/08/15 19:31	
Lead	ug/L	ND	5.0	04/08/15 19:31	
Nickel	ug/L	ND	5.0	04/08/15 19:31	
Selenium	ug/L	ND	10.0	04/08/15 19:31	
Silver	ug/L	ND	5.0	04/08/15 19:31	
Thallium	ug/L	ND	5.4	04/08/15 19:31	
Vanadium	ug/L	ND	5.0	04/08/15 19:31	
Zinc	ug/L	ND	10.0	04/08/15 19:31	

LABORATORY CONTROL SAMPLE: 1428109

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	468	94	80-120	
Arsenic	ug/L	500	458	92	80-120	
Barium	ug/L	500	466	93	80-120	
Beryllium	ug/L	500	473	95	80-120	
Cadmium	ug/L	500	465	93	80-120	
Chromium	ug/L	500	462	92	80-120	
Cobalt	ug/L	500	466	93	80-120	
Copper	ug/L	500	463	93	80-120	
Lead	ug/L	500	461	92	80-120	
Nickel	ug/L	500	459	92	80-120	
Selenium	ug/L	500	469	94	80-120	
Silver	ug/L	250	232	93	80-120	
Thallium	ug/L	500	453	91	80-120	
Vanadium	ug/L	500	465	93	80-120	
Zinc	ug/L	500	456	91	80-120	

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QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1428110 1428111

Parameter	Units	92244081001 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	477	468	95	93	75-125	2	
Arsenic	ug/L	ND	500	500	464	454	92	90	75-125	2	
Barium	ug/L	68.4	500	500	537	521	94	91	75-125	3	
Beryllium	ug/L	ND	500	500	475	461	95	92	75-125	3	
Cadmium	ug/L	2.8	500	500	464	451	92	90	75-125	3	
Chromium	ug/L	ND	500	500	463	451	93	90	75-125	3	
Cobalt	ug/L	133	500	500	599	581	93	90	75-125	3	
Copper	ug/L	ND	500	500	471	459	94	92	75-125	3	
Lead	ug/L	ND	500	500	459	447	92	89	75-125	3	
Nickel	ug/L	40.8	500	500	496	482	91	88	75-125	3	
Selenium	ug/L	ND	500	500	470	455	94	91	75-125	3	
Silver	ug/L	ND	250	250	232	226	93	90	75-125	3	
Thallium	ug/L	ND	500	500	449	439	89	87	75-125	2	
Vanadium	ug/L	ND	500	500	472	459	94	92	75-125	3	
Zinc	ug/L	ND	500	500	463	452	91	89	75-125	2	

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QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

QC Batch: MSV/31191 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244082001, 92244082002, 92244082003, 92244082009

METHOD BLANK: 1434045 Matrix: Water
Associated Lab Samples: 92244082001, 92244082002, 92244082003, 92244082009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/14/15 22:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/14/15 22:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/14/15 22:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/14/15 22:55	
1,1-Dichloroethane	ug/L	ND	1.0	04/14/15 22:55	
1,1-Dichloroethene	ug/L	ND	1.0	04/14/15 22:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/14/15 22:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/14/15 22:55	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/14/15 22:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/14/15 22:55	
1,2-Dichloroethane	ug/L	ND	1.0	04/14/15 22:55	
1,2-Dichloropropane	ug/L	ND	1.0	04/14/15 22:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/14/15 22:55	
2-Butanone (MEK)	ug/L	ND	5.0	04/14/15 22:55	
2-Hexanone	ug/L	ND	5.0	04/14/15 22:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/14/15 22:55	
Acetone	ug/L	ND	25.0	04/14/15 22:55	
Acrylonitrile	ug/L	ND	10.0	04/14/15 22:55	
Benzene	ug/L	ND	1.0	04/14/15 22:55	
Bromochloromethane	ug/L	ND	1.0	04/14/15 22:55	
Bromodichloromethane	ug/L	ND	1.0	04/14/15 22:55	
Bromoform	ug/L	ND	1.0	04/14/15 22:55	
Bromomethane	ug/L	ND	2.0	04/14/15 22:55	
Carbon disulfide	ug/L	ND	2.0	04/14/15 22:55	
Carbon tetrachloride	ug/L	ND	1.0	04/14/15 22:55	
Chlorobenzene	ug/L	ND	1.0	04/14/15 22:55	
Chloroethane	ug/L	ND	1.0	04/14/15 22:55	
Chloroform	ug/L	ND	1.0	04/14/15 22:55	
Chloromethane	ug/L	ND	1.0	04/14/15 22:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/14/15 22:55	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/14/15 22:55	
Dibromochloromethane	ug/L	ND	1.0	04/14/15 22:55	
Dibromomethane	ug/L	ND	1.0	04/14/15 22:55	
Ethylbenzene	ug/L	ND	1.0	04/14/15 22:55	
Iodomethane	ug/L	ND	5.0	04/14/15 22:55	
m&p-Xylene	ug/L	ND	2.0	04/14/15 22:55	
Methylene Chloride	ug/L	ND	1.0	04/14/15 22:55	
o-Xylene	ug/L	ND	1.0	04/14/15 22:55	
Styrene	ug/L	ND	1.0	04/14/15 22:55	
Tetrachloroethene	ug/L	ND	1.0	04/14/15 22:55	
Toluene	ug/L	ND	1.0	04/14/15 22:55	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

METHOD BLANK: 1434045 Matrix: Water
Associated Lab Samples: 92244082001, 92244082002, 92244082003, 92244082009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/14/15 22:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/14/15 22:55	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/14/15 22:55	
Trichloroethene	ug/L	ND	1.0	04/14/15 22:55	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/15 22:55	
Vinyl acetate	ug/L	ND	2.0	04/14/15 22:55	
Vinyl chloride	ug/L	ND	1.0	04/14/15 22:55	
Xylene (Total)	ug/L	ND	2.0	04/14/15 22:55	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/14/15 22:55	
4-Bromofluorobenzene (S)	%	100	70-130	04/14/15 22:55	
Toluene-d8 (S)	%	105	70-130	04/14/15 22:55	

LABORATORY CONTROL SAMPLE: 1434046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	57.8	116	80-125	
1,1,1-Trichloroethane	ug/L	50	53.8	108	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	60.0	120	79-124	
1,1,2-Trichloroethane	ug/L	50	59.9	120	85-125	
1,1-Dichloroethane	ug/L	50	54.7	109	73-126	
1,1-Dichloroethene	ug/L	50	51.7	103	66-135	
1,2,3-Trichloropropane	ug/L	50	62.7	125	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	68.0	136	71-133	L0
1,2-Dibromoethane (EDB)	ug/L	50	58.4	117	83-124	
1,2-Dichlorobenzene	ug/L	50	55.6	111	80-133	
1,2-Dichloroethane	ug/L	50	55.7	111	67-128	
1,2-Dichloropropane	ug/L	50	56.9	114	75-132	
1,4-Dichlorobenzene	ug/L	50	53.9	108	78-130	
2-Butanone (MEK)	ug/L	100	126	126	61-144	
2-Hexanone	ug/L	100	147	147	68-143	L0
4-Methyl-2-pentanone (MIBK)	ug/L	100	132	132	72-135	
Acetone	ug/L	100	127	127	48-146	
Acrylonitrile	ug/L	250	309	124	40-160	
Benzene	ug/L	50	57.6	115	80-125	
Bromochloromethane	ug/L	50	54.5	109	71-125	
Bromodichloromethane	ug/L	50	53.6	107	78-124	
Bromoform	ug/L	50	50.8	102	71-128	
Bromomethane	ug/L	50	57.0	114	40-160	
Carbon disulfide	ug/L	50	53.3	107	50-160	
Carbon tetrachloride	ug/L	50	55.0	110	69-131	
Chlorobenzene	ug/L	50	55.1	110	81-122	
Chloroethane	ug/L	50	53.8	108	39-148	
Chloroform	ug/L	50	50.4	101	73-127	
Chloromethane	ug/L	50	57.8	116	44-146	

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QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

LABORATORY CONTROL SAMPLE: 1434046

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	54.9	110	74-124	
cis-1,3-Dichloropropene	ug/L	50	60.5	121	72-132	
Dibromochloromethane	ug/L	50	56.9	114	78-125	
Dibromomethane	ug/L	50	57.1	114	82-120	
Ethylbenzene	ug/L	50	54.2	108	79-121	
Iodomethane	ug/L	100	108	108	39-154	
m&p-Xylene	ug/L	100	109	109	81-124	
Methylene Chloride	ug/L	50	68.5	137	64-133	L0
o-Xylene	ug/L	50	53.5	107	79-131	
Styrene	ug/L	50	56.3	113	84-126	
Tetrachloroethene	ug/L	50	53.8	108	78-122	
Toluene	ug/L	50	55.0	110	80-121	
trans-1,2-Dichloroethene	ug/L	50	51.5	103	71-127	
trans-1,3-Dichloropropene	ug/L	50	60.8	122	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	68.1	136	40-160	
Trichloroethene	ug/L	50	55.7	111	78-122	
Trichlorofluoromethane	ug/L	50	51.5	103	53-137	
Vinyl acetate	ug/L	100	125	125	40-160	
Vinyl chloride	ug/L	50	57.9	116	58-137	
Xylene (Total)	ug/L	150	162	108	81-126	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Toluene-d8 (S)	%			102	70-130	

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QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

QC Batch: MSV/31192 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244082004, 92244082005, 92244082006, 92244082007, 92244082008

METHOD BLANK: 1434050 Matrix: Water
Associated Lab Samples: 92244082004, 92244082005, 92244082006, 92244082007, 92244082008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1-Dichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1-Dichloroethene	ug/L	ND	1.0	04/14/15 23:13	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/14/15 23:13	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dichloropropane	ug/L	ND	1.0	04/14/15 23:13	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/14/15 23:13	
2-Butanone (MEK)	ug/L	ND	5.0	04/14/15 23:13	
2-Hexanone	ug/L	ND	5.0	04/14/15 23:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/14/15 23:13	
Acetone	ug/L	ND	25.0	04/14/15 23:13	
Acrylonitrile	ug/L	ND	10.0	04/14/15 23:13	
Benzene	ug/L	ND	1.0	04/14/15 23:13	
Bromochloromethane	ug/L	ND	1.0	04/14/15 23:13	
Bromodichloromethane	ug/L	ND	1.0	04/14/15 23:13	
Bromoform	ug/L	ND	1.0	04/14/15 23:13	
Bromomethane	ug/L	ND	2.0	04/14/15 23:13	
Carbon disulfide	ug/L	ND	2.0	04/14/15 23:13	
Carbon tetrachloride	ug/L	ND	1.0	04/14/15 23:13	
Chlorobenzene	ug/L	ND	1.0	04/14/15 23:13	
Chloroethane	ug/L	ND	1.0	04/14/15 23:13	
Chloroform	ug/L	ND	1.0	04/14/15 23:13	
Chloromethane	ug/L	ND	1.0	04/14/15 23:13	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/14/15 23:13	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/14/15 23:13	
Dibromochloromethane	ug/L	ND	1.0	04/14/15 23:13	
Dibromomethane	ug/L	ND	1.0	04/14/15 23:13	
Ethylbenzene	ug/L	ND	1.0	04/14/15 23:13	
Iodomethane	ug/L	ND	5.0	04/14/15 23:13	
m&p-Xylene	ug/L	ND	2.0	04/14/15 23:13	
Methylene Chloride	ug/L	ND	1.0	04/14/15 23:13	
o-Xylene	ug/L	ND	1.0	04/14/15 23:13	
Styrene	ug/L	ND	1.0	04/14/15 23:13	
Tetrachloroethene	ug/L	ND	1.0	04/14/15 23:13	
Toluene	ug/L	ND	1.0	04/14/15 23:13	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

METHOD BLANK: 1434050 Matrix: Water
Associated Lab Samples: 92244082004, 92244082005, 92244082006, 92244082007, 92244082008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/14/15 23:13	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/14/15 23:13	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/14/15 23:13	
Trichloroethene	ug/L	ND	1.0	04/14/15 23:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/15 23:13	
Vinyl acetate	ug/L	ND	2.0	04/14/15 23:13	
Vinyl chloride	ug/L	ND	1.0	04/14/15 23:13	
Xylene (Total)	ug/L	ND	2.0	04/14/15 23:13	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/14/15 23:13	
4-Bromofluorobenzene (S)	%	102	70-130	04/14/15 23:13	
Toluene-d8 (S)	%	103	70-130	04/14/15 23:13	

LABORATORY CONTROL SAMPLE: 1434051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	80-125	
1,1,1-Trichloroethane	ug/L	50	50.1	100	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.8	100	79-124	
1,1,2-Trichloroethane	ug/L	50	50.0	100	85-125	
1,1-Dichloroethane	ug/L	50	51.1	102	73-126	
1,1-Dichloroethene	ug/L	50	48.1	96	66-135	
1,2,3-Trichloropropane	ug/L	50	49.5	99	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.0	108	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	83-124	
1,2-Dichlorobenzene	ug/L	50	48.3	97	80-133	
1,2-Dichloroethane	ug/L	50	50.8	102	67-128	
1,2-Dichloropropane	ug/L	50	50.0	100	75-132	
1,4-Dichlorobenzene	ug/L	50	46.8	94	78-130	
2-Butanone (MEK)	ug/L	100	102	102	61-144	
2-Hexanone	ug/L	100	110	110	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	72-135	
Acetone	ug/L	100	107	107	48-146	
Acrylonitrile	ug/L	250	260	104	40-160	
Benzene	ug/L	50	50.8	102	80-125	
Bromochloromethane	ug/L	50	51.6	103	71-125	
Bromodichloromethane	ug/L	50	45.9	92	78-124	
Bromoform	ug/L	50	43.9	88	71-128	
Bromomethane	ug/L	50	54.4	109	40-160	
Carbon disulfide	ug/L	50	49.4	99	50-160	
Carbon tetrachloride	ug/L	50	48.4	97	69-131	
Chlorobenzene	ug/L	50	47.5	95	81-122	
Chloroethane	ug/L	50	49.5	99	39-148	
Chloroform	ug/L	50	46.7	93	73-127	
Chloromethane	ug/L	50	54.5	109	44-146	

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

QUALITY CONTROL DATA

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

LABORATORY CONTROL SAMPLE: 1434051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	50.0	100	74-124	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	72-132	
Dibromochloromethane	ug/L	50	48.0	96	78-125	
Dibromomethane	ug/L	50	51.0	102	82-120	
Ethylbenzene	ug/L	50	47.3	95	79-121	
Iodomethane	ug/L	100	99.1	99	39-154	
m&p-Xylene	ug/L	100	96.4	96	81-124	
Methylene Chloride	ug/L	50	66.1	132	64-133	
o-Xylene	ug/L	50	47.4	95	79-131	
Styrene	ug/L	50	49.4	99	84-126	
Tetrachloroethene	ug/L	50	45.1	90	78-122	
Toluene	ug/L	50	47.0	94	80-121	
trans-1,2-Dichloroethene	ug/L	50	49.8	100	71-127	
trans-1,3-Dichloropropene	ug/L	50	52.5	105	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	54.2	108	40-160	
Trichloroethene	ug/L	50	48.6	97	78-122	
Trichlorofluoromethane	ug/L	50	49.6	99	53-137	
Vinyl acetate	ug/L	100	111	111	40-160	
Vinyl chloride	ug/L	50	54.3	109	58-137	
Xylene (Total)	ug/L	150	144	96	81-126	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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

QUALIFIERS

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

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 decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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.

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

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

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.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: SW'S AND LEACHATE NEW LF
Pace Project No.: 92244082

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92244082001	**1107-SW1**		FLD/		
92244082002	**1107-SW2**		FLD/		
92244082003	**1107-SW3**		FLD/		
92244082004	**1107-SW4**		FLD/		
92244082005	**1107-SW5**		FLD/		
92244082006	**1107-SW6**		FLD/		
92244082007	**1107-SW7**		FLD/		
92244082008	**1107-LEACHATE**		FLD/		
92244082001	**1107-SW1**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082002	**1107-SW2**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082003	**1107-SW3**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082004	**1107-SW4**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082005	**1107-SW5**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082006	**1107-SW6**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082007	**1107-SW7**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082008	**1107-LEACHATE**	EPA 3010	MPRP/18224	EPA 6010	ICP/16370
92244082001	**1107-SW1**	EPA 8260	MSV/31191		
92244082002	**1107-SW2**	EPA 8260	MSV/31191		
92244082003	**1107-SW3**	EPA 8260	MSV/31191		
92244082004	**1107-SW4**	EPA 8260	MSV/31192		
92244082005	**1107-SW5**	EPA 8260	MSV/31192		
92244082006	**1107-SW6**	EPA 8260	MSV/31192		
92244082007	**1107-SW7**	EPA 8260	MSV/31192		
92244082008	**1107-LEACHATE**	EPA 8260	MSV/31192		
92244082009	**1107-TRIP BLANK**	EPA 8260	MSV/31191		

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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: 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 0.0 C

Corrected Cooler Temp.: 0.8 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 4/6/15

		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: 4/6/15

SRF Review: JJ Date: 4/7/15

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# : 92244082

92244082

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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

1817886

Section A Required Client Information:

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

Section B Required Project Information:

Report To: Ed ~~H.~~ Hilton
Copy To:
Purchase Order No.:
Project Name: SW's & Leachate 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	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): pH Temp Specc Tags	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92244082
1	SW-1					4-6-15	940		4			1	3					X	X	X		001
2	SW-2					4-6	1000		4			1	3					X	X	X		002
3	SW-3					4-6	1045		4			1	3					X	X	X		003
4	SW-4					4-6	1145		4			1	3					X	X	X		004
5	SW-5					4-6	1215		4			1	3					X	X	X		005
6	SW-6					4-6	1245		4			1	3					X	X	X		006
7	SW-7					4-6	1025		4			1	3					X	X	X		007
8	LEACHATE					4-6	1530		4			1	3					X	X	X		008
9																						
10	TVL BLK					4-6	900		2				2						X			009
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-6-15	1610	[signature] Pass	4-6-15	1610				
	[signature] Pass	4-6-15	16	[signature]	4/6/15	16:10	0.4	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK A. SWANN

SIGNATURE of SAMPLER: [signature] Pass DATE Signed (MM/DD/YY): 4.6.15

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	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

SCS SW's & LD's

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNCOMBE CO NCS LF

Date	Time	Sampler	Sample ID	~~Water Level (Ft)~~	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	Comments
4-6-15	940	MGS	SW-1		7.4	10.9	136	5.05		CLEAR, LOW FLOW
	1000		SW-2		7.3	9.9	143	6.08		CLEAR, LOW FLOW
	1045		SW-3		7.2	14.2	136	4.09		CLEAR LOW FLOW
	1145		SW-4		7.3	11.6	225	30.7		HAZY, STRONG FLOW
	1225		SW-5		7.9	12.2	746	4.55		CLEAR, LOW FLOW
EG 4/14/15	~~1025~~	12:45	SW-6		7.6	11.1	225	26.3		CLEAR, LOW FLOW
EG 4/14/15	~~1530~~	10:25	SW-7		7.2	10.2	142	3.95		CLEAR, VERY LOW FLOW
	15:30		Leachate		8.2	12.3	5280	63.7		GREEN OPAQUE
				X						
	1330		LD-1		5.7	14.9	224	2.42		CLEAR, SLIGHT ODOR
	1455		LD-2		5.9	13.4	283	8.33		CLEAR, ORGANIC ODOR
	1420		LD-3		6.4	16.7	462	21.0		CLEAR, SLIGHT ODOR
	1340		LD-4		5.5	16.8	179	5.40		CLEAR, SOLIDS, STRONG ODOR
	1435		LD-5		6.3	17.1	729	9.50		CLEAR, SOLIDS, SLIGHT ODOR
	1400		LD-6		6.4	17.8	641	9.88		CLEAR, SOLIDS, NO ODOR
	1510		Leachate LD		4.9	14.4	397	8.45		CLEAR, SLIGHT ODOR

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 3

1818116

Section A Required Client Information:

Company: SCS Burns New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: Burns New LF
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): Metals (Strong Tuz)	Metals (Static H2O)	VOC	Mercury	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					4-7-15	1445		4			1	3					Y	X	X	X		01224337
2	MW-2D					4-7	1450		4			1	3					Y	X	X	X		W1
3	MW-3R					4-7	1400		4			1	3					Y	X	X	X		W2
4	MW-4					4-7	1425		4			1	3					Y	X	X	X		W3
5	MW-4D					4-7	1430		4			1	3					Y	X	X	X		W4
6	~~MW-5~~					~~4-7~~																	W5
7	~~MW-5D~~					~~4-7~~																	
8	MW-6					4-7	1345		4			1	3										
9	MW-10					4-7	1535		4			1	3					Y	X	X	X		
10	MW-10D					4-7	1545		4			1	3					Y	X	X	X		W6
11	MW-13					4-7	1505		4			1	3					Y	X	X	X		W7
12	MW-13D					4-7-15	1515		4			1	3					Y	X	X	X		W8
																							W9
																							W10

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4-7-15	1600		4-7-15	1600				
	[signature]	4-7-15	1630	[signature]	4/7/15	16:30	1.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 4-7-15

*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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Page: 2 of 3

1818257

Section A Required Client Information:

Company: SLS Bmc MW LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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): All TAL Sp. Cond. Tuga, Static H2O, VOC, Methyl

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	All TAL Sp. Cond. Tuga	Static H2O	VOC	Methyl	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~MW-2~~ MCI																						
2	~~[illegible]~~ MCI								~~4~~														
3	MW-~~[illegible]~~5					4.8.15	1100		4			1	3										
4	MW-5D					4.8	1115		4			1	3					X	X	X	X		011
5	MW-8					4.8	1320		4			1	3					X	X	X	X		012
6	MW-8D					4-8	1310		4			1	3					X	X	X	X		013
7	MW-11					4-8	1130		4			1	3					X	X	X	X		014
8	MW-11D					4-8	1140		4			1	3					X	X	X	X		015
9	MW-14					4-8	1555		4			1	3					X	X	X	X		016
10	MW-14D					4-8	1600		4			1	3					X	X	X	X		017
11	MW-15S					4-8	1515		4			1	3					X	X	X	X		018
12	MW-15D					4-8	1525		4			1	3					X	X	X	X		019
																		X	X	X	X		020

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-8-15	1630	[signature] SLS	4-8-15	1630				
	[signature] SLS	4.8.15	1645	[signature]	4/8/15	16:45	28	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] SLS DATE Signed (MM/DD/YY): 4-8-15

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.

T-427 P0002/0002 F-187

Pace Analytical
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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 3

1907182

Section A Required Client Information:
Company: SLS Burl Mwlf
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: Burlington Mwlf
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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	pH Trap Stream Y/N	Static H_2O	VOC	Metals	Full List Apt	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					4-9-15	910		14	8		1	3	2				X	X			X		92244337
2	MW-1D					4-9	930		14	8		1	3	2				X	X			X		021
3	MW-7					4-9	1045		14	8		1	3	2				X	X			X		022
4	MW-12					4-9	1110		4			1	3					X	X	X	X			023
5	MW-12A					4-9	1130		4			1	3					X	X	X	X			024
6																								025
7	~~FOC BLK~~																							
8	EQUIP BLK					4-9-15																		
9	TRIP BLK					4-6-15	800		3			1	2						4	X				026
10						4-6-15	800		2				2						X					027
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
blk pulled Monday 4-6-15	[signature] Pace	4-9-15	1145	[signature] Pace	4-9-15	1145
	[signature] Pace	4-9-15	1225	[signature]	4/9/15	12:25

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
1.6	Y	N	Y
2.6			

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK L. SWAGER
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-9-15

*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

04-14-'15 09:49 FROM-

1

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

4. 2015

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNC NEW LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	DO	Comments
4-9-15	910	MPJ	MW-1	68.71	7.4	14.2	155	3.56			CLEAR NO ODOR
4-9	930		MW-1D	70.45	6.4	14.5	169	3.25			CLEAR NO ODOR
4-8	1445		MW-2	8.64	6.5	9.9	126	16.9			CLOUDY, NO ODOR
4-8	1450		MW-2D	8.31	6.4	10.0	249	2.40			CLEAR, NO ODOR
4-8	1400		MW-3R	56.71	6.3	14.2	201	4.94			CLEAR, NO ODOR
4-8	1415		MW-4	13.56	6.3	13.9	198	4.21			CLEAR NO ODOR
4-8	1430		MW-4D	14.41	~~6.2~~ 6.2	13.0	246	20.6			CLEAR, NO ODOR
4-8	1100		MW-5	35.02	6.4	16.1	206	7.89			CLEAR, NO ODOR
4-8	1115		MW-5D	36.02	6.3	16.1	195	3.00			CLEAR, NO ODOR
4-7	1345		MW-6	27.02	6.3	15.8	173	3.52			CLEAR, NO ODOR
4-9	1045		MW-7	46.26	6.3	16.4	691	4.81			CLEAR, OIL ODOR
4-8	1320		MW-8	33.56	6.5	15.9	324	4.26			CLEAR, NO ODOR
4-8	1310		MW-8D	32.29	6.4	16.7	404	3.05			CLEAR, NO ODOR

2

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

4.2015

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Bore New LF MW's

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
4-7-15	1535	MB	MW-10	70.23	6.4	14.9	306	2.35		CLEAR, NO ODOR
4-7-15	1545		MW 10D	70.26	6.6	15.3	269	2.72		CLEAR, NO ODOR
4.8	1130		MW-11	32.02	6.6	16.5	376	3.13		CLEAR, NO ODOR
4.8	1140		MW 11D	33.02	6.5	16.4	364	4.11		CLEAR, NO ODOR
4.9	1110		MW-12	12.11	6.5	15.1	687	2.86		CLEAR TO CLOUDY NO ODOR
4.9	1130		MW 12D	10.73	6.7	14.3	539	9.27		NO ODOR, CLEAR
4.8	1535		MW-14	31.33	6.5	15.7	198	150 (x10)		CLOUDY, NO ODOR
4-8	1600		MW-14D	31.37	6.8	15.4	250	3.63		CLEAR, NO ODOR
4.8	1515		MW-15s	22.25	6.0	16.9	371	34 (x4)		CLOUDY NO ODOR
4.8	1525		MW-15d	26.34	6.3	16.8	416	15.7		CLOUDY, NO ~~CLEAR~~ ODOR
4-7-15	1505		MW-13	5.60	6.6	11.7	204	9.07		CLEAR, NO ODOR
4-7	1515		MW-13D	7.38	6.3	11.4	336	3.44		CLEAR, NO ODOR

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

April 24, 2015

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

RE: Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between April 07, 2015 and April 09, 2015. 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

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

CERTIFICATIONS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Ormond Beach Certification IDs
8 East Tower Circle, Ormond Beach, FL 32174
Alabama Certification #: 41320
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
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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2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

SAMPLE ANALYTE COUNT

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92244337001	**1107-MW2**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337002	**1107-MW2D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337003	**1107-MW3R**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337004	**1107-MW4**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337005	**1107-MW4D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337006	**1107-MW6**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337007	**1107-MW10**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337008	**1107-MW10D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337009	**1107-MW13**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337010	**1107-MW13D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337011	**1107-MW5**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337012	**1107-MW5D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337013	**1107-MW8**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337014	**1107-MW8D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337015	**1107-MW11**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337016	**1107-MW11D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337017	**1107-MW14**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337018	**1107-MW14D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337019	**1107-MW15S**	EPA 6010	JMW	15	PASI-A

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

SAMPLE ANALYTE COUNT

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	GAW	52	PASI-C
92244337020	**1107-MW15D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337021	**1107-MW1**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	HVK	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	GAW	69	PASI-C
		SM 4500-S2D	MAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92244337022	**1107-MW1D**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	HVK	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	GAW	69	PASI-C
		SM 4500-S2D	MAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92244337023	**1107-MW7**	EPA 8081	RES	21	PASI-C
		EPA 8082	RES	8	PASI-C
		EPA 8151	LJM	5	PASI-O
		EPA 6010	JMW	16	PASI-A
		EPA 7470	HVK	1	PASI-A
		EPA 8270	BPJ	117	PASI-C
		EPA 8260	GAW	69	PASI-C
		SM 4500-S2D	MAB	1	PASI-A
		SM 4500-CN-E	JDA	1	PASI-A
92244337024	**1107-MW12**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337025	**1107-MW12D**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337026	**1107-Equipment Blank**	EPA 6010	JMW	15	PASI-A
		EPA 8260	GAW	52	PASI-C
92244337027	**1107-Travel Blank**	EPA 8260	GAW	52	PASI-C

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

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW2 **Lab ID: 92244337001** Collected: 04/07/15 14:45 Received: 04/07/15 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		04/08/15 14:45		
Field pH	**6.5**	Std. Units	0.10	1		04/08/15 14:45		
Field Temperature	**9.9**	deg C	0.50	1		04/08/15 14:45		
Static Water Level	**8.64**	feet		1		04/08/15 14:45		
Field Specific Conductance	**126**	umhos/cm	1.0	1		04/08/15 14:45		
Turbidity	**16.9**	NTU	1.0	1		04/08/15 14:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 02:47	7440-38-2	
Barium	**70.1**	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 02:47	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 02:47	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 02:47	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 02:47	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:47	7440-62-2	
Zinc	**10.1**	ug/L	10.0	1	04/09/15 10:40	04/10/15 02:47	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 07:59	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 07:59	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 07:59	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 07:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 07:59	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 07:59	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 07:59	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 07:59	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 07:59	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 07:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 07:59	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 07:59	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 07:59	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 07:59	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 07:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 07:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 07:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 07:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:59	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:59	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 07:59	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW2 **Lab ID: 92244337001** Collected: 04/07/15 14:45 Received: 04/07/15 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		04/15/15 07:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/15/15 07:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 07:59	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:59	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 07:59	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 07:59	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 07:59	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 07:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 07:59	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 07:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:59	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 07:59	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 07:59	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:59	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 07:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 07:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 07:59	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 07:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 07:59	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 07:59	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 07:59	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 07:59	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/15/15 07:59	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		04/15/15 07:59	17060-07-0	
Toluene-d8 (S)	107	%	70-130	1		04/15/15 07:59	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW2D **Lab ID: 92244337002** Collected: 04/07/15 14:50 Received: 04/07/15 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		04/08/15 14:50		
Field pH	**6.4**	Std. Units	0.10	1		04/08/15 14:50		
Field Temperature	**10.0**	deg C	0.50	1		04/08/15 14:50		
Static Water Level	**8.31**	feet		1		04/08/15 14:50		
Field Specific Conductance	**249**	umhos/cm	1.0	1		04/08/15 14:50		
Turbidity	**2.40**	NTU	1.0	1		04/08/15 14:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 02:58	7440-38-2	
Barium	**89.3**	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 02:58	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 02:58	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 02:58	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 02:58	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 02:58	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 02:58	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 07:40	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 07:40	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 07:40	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 07:40	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 07:40	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 07:40	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 07:40	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 07:40	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 07:40	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 07:40	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 07:40	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 07:40	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 07:40	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 07:40	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 07:40	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 07:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 07:40	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 07:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:40	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:40	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 07:40	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW2D **Lab ID: 92244337002** Collected: 04/07/15 14:50 Received: 04/07/15 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		04/15/15 07:40	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/15/15 07:40	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:40	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 07:40	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:40	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 07:40	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 07:40	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 07:40	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 07:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 07:40	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 07:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:40	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 07:40	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 07:40	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:40	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 07:40	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 07:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 07:40	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 07:40	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 07:40	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 07:40	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 07:40	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 07:40	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/15/15 07:40	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/15/15 07:40	17060-07-0	
Toluene-d8 (S)	108	%	70-130	1		04/15/15 07:40	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW3R **Lab ID: 92244337003** Collected: 04/07/15 14:00 Received: 04/07/15 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		04/08/15 14:00		
Field pH	**6.3**	Std. Units	0.10	1		04/08/15 14:00		
Field Temperature	**14.2**	deg C	0.50	1		04/08/15 14:00		
Static Water Level	**56.71**	feet		1		04/08/15 14:00		
Field Specific Conductance	**201**	umhos/cm	1.0	1		04/08/15 14:00		
Turbidity	**4.94**	NTU	1.0	1		04/08/15 14:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:01	7440-38-2	
Barium	**132**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:01	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:01	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7439-92-1	
Nickel	**5.1**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:01	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:01	7440-28-0	
Vanadium	**7.8**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:01	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:01	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 07:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 07:22	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 07:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 07:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 07:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 07:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 07:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 07:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 07:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 07:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 07:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 07:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 07:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 07:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 07:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 07:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 07:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 07:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 07:22	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW3R **Lab ID: 92244337003** Collected: 04/07/15 14:00 Received: 04/07/15 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		04/15/15 07:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/15/15 07:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 07:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 07:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 07:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 07:22	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 07:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 07:22	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 07:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 07:22	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 07:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 07:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 07:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 07:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 07:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 07:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 07:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 07:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 07:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	109	%	70-130	1		04/15/15 07:22	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-130	1		04/15/15 07:22	17060-07-0	
Toluene-d8 (S)	109	%	70-130	1		04/15/15 07:22	2037-26-5	

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Asheville, NC 28804
(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW4 **Lab ID: 92244337004** Collected: 04/07/15 14:25 Received: 04/07/15 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		04/08/15 14:15		
Field pH	**6.3**	Std. Units	0.10	1		04/08/15 14:15		
Field Temperature	**13.9**	deg C	0.50	1		04/08/15 14:15		
Static Water Level	**13.56**	feet		1		04/08/15 14:15		
Field Specific Conductance	**198**	umhos/cm	1.0	1		04/08/15 14:15		
Turbidity	**4.21**	NTU	1.0	1		04/08/15 14:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:05	7440-38-2	
Barium	**75.9**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:05	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:05	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:05	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:05	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:05	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:05	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 07:04	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 07:04	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 07:04	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 07:04	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 07:04	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 07:04	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 07:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 07:04	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 07:04	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 07:04	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 07:04	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 07:04	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 07:04	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 07:04	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 07:04	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 07:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 07:04	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 07:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:04	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 07:04	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 07:04	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW4 **Lab ID: 92244337004** Collected: 04/07/15 14:25 Received: 04/07/15 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		04/15/15 07:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/15/15 07:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 07:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 07:04	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 07:04	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 07:04	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 07:04	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 07:04	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 07:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 07:04	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 07:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 07:04	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 07:04	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 07:04	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 07:04	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 07:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 07:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 07:04	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 07:04	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 07:04	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 07:04	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 07:04	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 07:04	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/15/15 07:04	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		04/15/15 07:04	17060-07-0	
Toluene-d8 (S)	106	%	70-130	1		04/15/15 07:04	2037-26-5	

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(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW4D **Lab ID: 92244337005** Collected: 04/07/15 14:30 Received: 04/07/15 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		04/08/15 14:30		
Field pH	**6.2**	Std. Units	0.10	1		04/08/15 14:30		
Field Temperature	**13.0**	deg C	0.50	1		04/08/15 14:30		
Static Water Level	**14.41**	feet		1		04/08/15 14:30		
Field Specific Conductance	**246**	umhos/cm	1.0	1		04/08/15 14:30		
Turbidity	**20.6**	NTU	1.0	1		04/08/15 14:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:08	7440-38-2	
Barium	**28.2**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:08	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:08	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:08	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:08	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:08	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:08	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/15/15 08:17	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/15/15 08:17	107-13-1	
Benzene	ND	ug/L	1.0	1		04/15/15 08:17	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/15/15 08:17	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/15/15 08:17	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/15/15 08:17	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/15/15 08:17	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/15/15 08:17	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/15/15 08:17	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/15/15 08:17	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/15/15 08:17	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/15/15 08:17	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/15/15 08:17	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/15/15 08:17	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/15/15 08:17	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/15/15 08:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/15/15 08:17	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/15/15 08:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 08:17	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/15/15 08:17	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/15/15 08:17	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW4D **Lab ID: 92244337005** Collected: 04/07/15 14:30 Received: 04/07/15 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		04/15/15 08:17	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/15/15 08:17	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/15/15 08:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 08:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/15/15 08:17	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/15/15 08:17	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 08:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/15/15 08:17	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/15/15 08:17	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/15/15 08:17	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/15/15 08:17	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/15/15 08:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/15/15 08:17	108-10-1	
Styrene	ND	ug/L	1.0	1		04/15/15 08:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 08:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/15/15 08:17	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/15/15 08:17	127-18-4	
Toluene	ND	ug/L	1.0	1		04/15/15 08:17	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/15/15 08:17	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/15/15 08:17	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/15/15 08:17	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/15/15 08:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/15/15 08:17	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/15/15 08:17	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/15/15 08:17	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/15/15 08:17	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/15/15 08:17	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/15/15 08:17	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	108	%	70-130	1		04/15/15 08:17	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/15/15 08:17	17060-07-0	
Toluene-d8 (S)	105	%	70-130	1		04/15/15 08:17	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW6 **Lab ID: 92244337006** Collected: 04/07/15 13:45 Received: 04/07/15 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		04/07/15 13:45		
Field pH	**6.3**	Std. Units	0.10	1		04/07/15 13:45		
Field Temperature	**15.8**	deg C	0.50	1		04/07/15 13:45		
Static Water Level	**27.02**	feet		1		04/07/15 13:45		
Field Specific Conductance	**173**	umhos/cm	1.0	1		04/07/15 13:45		
Turbidity	**3.52**	NTU	1.0	1		04/07/15 13:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:11	7440-38-2	
Barium	**50.0**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:11	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:11	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:11	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:11	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:11	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:11	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 10:27	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 10:27	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 10:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 10:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 10:27	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 10:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 10:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 10:27	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 10:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 10:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 10:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 10:27	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 10:27	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 10:27	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 10:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 10:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 10:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 10:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 10:27	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 10:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 10:27	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW6 **Lab ID: 92244337006** Collected: 04/07/15 13:45 Received: 04/07/15 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		04/18/15 10:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 10:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 10:27	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 10:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 10:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 10:27	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 10:27	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 10:27	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 10:27	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 10:27	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 10:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 10:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 10:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 10:27	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 10:27	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 10:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 10:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 10:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 10:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 10:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 10:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 10:27	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 10:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 10:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 10:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/18/15 10:27	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/18/15 10:27	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/18/15 10:27	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW10 **Lab ID: 92244337007** Collected: 04/07/15 15:35 Received: 04/07/15 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		04/07/15 15:35		
Field pH	**6.4**	Std. Units	0.10	1		04/07/15 15:35		
Field Temperature	**14.9**	deg C	0.50	1		04/07/15 15:35		
Static Water Level	**70.23**	feet		1		04/07/15 15:35		
Field Specific Conductance	**306**	umhos/cm	1.0	1		04/07/15 15:35		
Turbidity	**2.35**	NTU	1.0	1		04/07/15 15:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:26	7440-38-2	
Barium	**131**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:26	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:26	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:26	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:26	7440-28-0	
Vanadium	**6.7**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:26	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:26	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 10:10	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 10:10	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 10:10	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 10:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 10:10	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 10:10	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 10:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 10:10	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 10:10	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 10:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 10:10	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 10:10	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 10:10	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 10:10	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 10:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 10:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 10:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 10:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 10:10	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 10:10	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 10:10	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW10 **Lab ID: 92244337007** Collected: 04/07/15 15:35 Received: 04/07/15 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		04/18/15 10:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 10:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 10:10	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 10:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 10:10	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 10:10	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 10:10	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 10:10	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 10:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 10:10	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 10:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 10:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 10:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 10:10	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 10:10	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 10:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 10:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 10:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 10:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 10:10	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 10:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 10:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 10:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 10:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 10:10	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/18/15 10:10	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/18/15 10:10	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		04/18/15 10:10	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW10D **Lab ID: 92244337008** Collected: 04/07/15 15:45 Received: 04/07/15 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		04/07/15 15:45		
Field pH	**6.6**	Std. Units	0.10	1		04/07/15 15:45		
Field Temperature	**15.3**	deg C	0.50	1		04/07/15 15:45		
Static Water Level	**70.26**	feet		1		04/07/15 15:45		
Field Specific Conductance	**269**	umhos/cm	1.0	1		04/07/15 15:45		
Turbidity	**2.72**	NTU	1.0	1		04/07/15 15:45		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:30	7440-38-2	
Barium	**15.5**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:30	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:30	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:30	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:30	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:30	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:30	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 09:53	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 09:53	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 09:53	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 09:53	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 09:53	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 09:53	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 09:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 09:53	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 09:53	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 09:53	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 09:53	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 09:53	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 09:53	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 09:53	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 09:53	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 09:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 09:53	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 09:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 09:53	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 09:53	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 09:53	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW10D **Lab ID: 92244337008** Collected: 04/07/15 15:45 Received: 04/07/15 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		04/18/15 09:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 09:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 09:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 09:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 09:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 09:53	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 09:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 09:53	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 09:53	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 09:53	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 09:53	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 09:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 09:53	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 09:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 09:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 09:53	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 09:53	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 09:53	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 09:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 09:53	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 09:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 09:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 09:53	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 09:53	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 09:53	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 09:53	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 09:53	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 09:53	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/18/15 09:53	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-130	1		04/18/15 09:53	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/18/15 09:53	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW13 **Lab ID: 92244337009** Collected: 04/07/15 15:05 Received: 04/07/15 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		04/07/15 15:05		
Field pH	**6.6**	Std. Units	0.10	1		04/07/15 15:05		
Field Temperature	**11.7**	deg C	0.50	1		04/07/15 15:05		
Static Water Level	**5.60**	feet		1		04/07/15 15:05		
Field Specific Conductance	**202**	umhos/cm	1.0	1		04/07/15 15:05		
Turbidity	**9.07**	NTU	1.0	1		04/07/15 15:05		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:33	7440-38-2	
Barium	**106**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:33	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:33	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-48-4	
Copper	**5.4**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:33	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:33	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:33	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:33	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 09:37	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 09:37	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 09:37	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 09:37	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 09:37	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 09:37	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 09:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 09:37	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 09:37	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 09:37	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 09:37	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 09:37	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 09:37	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 09:37	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 09:37	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 09:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 09:37	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 09:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 09:37	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 09:37	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 09:37	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW13 **Lab ID: 92244337009** Collected: 04/07/15 15:05 Received: 04/07/15 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		04/18/15 09:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 09:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 09:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 09:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 09:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 09:37	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 09:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 09:37	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 09:37	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 09:37	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 09:37	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 09:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 09:37	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 09:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 09:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 09:37	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 09:37	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 09:37	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 09:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 09:37	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 09:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 09:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 09:37	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 09:37	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 09:37	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 09:37	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 09:37	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 09:37	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/18/15 09:37	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/18/15 09:37	17060-07-0	
Toluene-d8 (S)	98	%	70-130	1		04/18/15 09:37	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW13D **Lab ID: 92244337010** Collected: 04/07/15 15:15 Received: 04/07/15 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		04/07/15 15:15		
Field pH	**6.3**	Std. Units	0.10	1		04/07/15 15:15		
Field Temperature	**11.1**	deg C	0.50	1		04/07/15 15:15		
Static Water Level	**7.38**	feet		1		04/07/15 15:15		
Field Specific Conductance	**336**	umhos/cm	1.0	1		04/07/15 15:15		
Turbidity	**3.24**	NTU	1.0	1		04/07/15 15:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:37	7440-38-2	
Barium	**236**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:37	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/09/15 10:40	04/10/15 03:37	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-47-3	
Cobalt	**32.0**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-48-4	
Copper	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-50-8	
Lead	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7439-92-1	
Nickel	**15.4**	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:37	7782-49-2	
Silver	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/09/15 10:40	04/10/15 03:37	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/09/15 10:40	04/10/15 03:37	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/09/15 10:40	04/10/15 03:37	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 10:44	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 10:44	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 10:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 10:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 10:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 10:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 10:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 10:44	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 10:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 10:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 10:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 10:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 10:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 10:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 10:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 10:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 10:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 10:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 10:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 10:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 10:44	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW13D **Lab ID: 92244337010** Collected: 04/07/15 15:15 Received: 04/07/15 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		04/18/15 10:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 10:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 10:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 10:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 10:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 10:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 10:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 10:44	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 10:44	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 10:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 10:44	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 10:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 10:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 10:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 10:44	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 10:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 10:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 10:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 10:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 10:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 10:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 10:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 10:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 10:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 10:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 10:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/18/15 10:44	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-130	1		04/18/15 10:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		04/18/15 10:44	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW5 **Lab ID: 92244337011** Collected: 04/08/15 11:00 Received: 04/08/15 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		04/08/15 11:00		
Field pH	**6.4**	Std. Units	0.10	1		04/08/15 11:00		
Field Temperature	**16.1**	deg C	0.50	1		04/08/15 11:00		
Static Water Level	**35.02**	feet		1		04/08/15 11:00		
Field Specific Conductance	**206**	umhos/cm	1.0	1		04/08/15 11:00		
Turbidity	**7.89**	NTU	1.0	1		04/08/15 11:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:14	7440-38-2	
Barium	**102**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:14	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:14	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:14	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:14	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:14	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:14	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 11:51	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 11:51	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 11:51	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 11:51	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 11:51	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 11:51	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 11:51	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 11:51	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 11:51	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 11:51	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 11:51	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 11:51	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 11:51	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 11:51	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 11:51	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 11:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 11:51	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 11:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:51	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:51	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 11:51	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW5 **Lab ID: 92244337011** Collected: 04/08/15 11:00 Received: 04/08/15 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		04/18/15 11:51	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 11:51	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:51	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:51	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 11:51	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:51	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 11:51	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 11:51	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 11:51	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 11:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 11:51	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 11:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:51	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 11:51	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 11:51	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:51	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:51	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 11:51	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 11:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 11:51	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 11:51	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 11:51	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 11:51	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 11:51	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 11:51	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	107	%	70-130	1		04/18/15 11:51	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-130	1		04/18/15 11:51	17060-07-0	
Toluene-d8 (S)	95	%	70-130	1		04/18/15 11:51	2037-26-5	

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2225 Riverside Dr.
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(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW5D **Lab ID: 92244337012** Collected: 04/08/15 11:15 Received: 04/08/15 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		04/08/15 11:15		
Field pH	**6.3**	Std. Units	0.10	1		04/08/15 11:15		
Field Temperature	**16.1**	deg C	0.50	1		04/08/15 11:15		
Static Water Level	**36.02**	feet		1		04/08/15 11:15		
Field Specific Conductance	**195**	umhos/cm	1.0	1		04/08/15 11:15		
Turbidity	**3.00**	NTU	1.0	1		04/08/15 11:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:17	7440-38-2	
Barium	**61.2**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:17	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:17	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:17	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:17	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:17	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:17	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 11:35	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 11:35	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 11:35	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 11:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 11:35	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 11:35	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 11:35	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 11:35	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 11:35	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 11:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 11:35	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 11:35	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 11:35	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 11:35	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 11:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 11:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 11:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 11:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:35	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:35	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 11:35	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW5D **Lab ID: 92244337012** Collected: 04/08/15 11:15 Received: 04/08/15 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		04/18/15 11:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 11:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 11:35	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:35	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 11:35	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 11:35	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 11:35	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 11:35	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 11:35	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 11:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 11:35	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 11:35	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 11:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 11:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 11:35	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 11:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 11:35	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 11:35	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 11:35	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 11:35	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/18/15 11:35	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		04/18/15 11:35	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/18/15 11:35	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW8 **Lab ID: 92244337013** Collected: 04/08/15 13:20 Received: 04/08/15 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		04/08/15 13:20		
Field pH	**6.5**	Std. Units	0.10	1		04/08/15 13:20		
Field Temperature	**15.9**	deg C	0.50	1		04/08/15 13:20		
Static Water Level	**33.56**	feet		1		04/08/15 13:20		
Field Specific Conductance	**324**	umhos/cm	1.0	1		04/08/15 13:20		
Turbidity	**4.26**	NTU	1.0	1		04/08/15 13:20		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:30	7440-38-2	
Barium	**117**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:30	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:30	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:30	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:30	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:30	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:30	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 11:18	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 11:18	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 11:18	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 11:18	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 11:18	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 11:18	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 11:18	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 11:18	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 11:18	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 11:18	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 11:18	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 11:18	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 11:18	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 11:18	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 11:18	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 11:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 11:18	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 11:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:18	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:18	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 11:18	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW8 **Lab ID: 92244337013** Collected: 04/08/15 13:20 Received: 04/08/15 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		04/18/15 11:18	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 11:18	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:18	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 11:18	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:18	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 11:18	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 11:18	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 11:18	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 11:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 11:18	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 11:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:18	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 11:18	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 11:18	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:18	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 11:18	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 11:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 11:18	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 11:18	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 11:18	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 11:18	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 11:18	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 11:18	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/18/15 11:18	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/18/15 11:18	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		04/18/15 11:18	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW8D **Lab ID: 92244337014** Collected: 04/08/15 13:10 Received: 04/08/15 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		04/08/15 13:10		
Field pH	**6.4**	Std. Units	0.10	1		04/08/15 13:10		
Field Temperature	**16.7**	deg C	0.50	1		04/08/15 13:10		
Static Water Level	**32.29**	feet		1		04/08/15 13:10		
Field Specific Conductance	**404**	umhos/cm	1.0	1		04/08/15 13:10		
Turbidity	**3.05**	NTU	1.0	1		04/08/15 13:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:34	7440-38-2	
Barium	**160**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:34	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:34	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:34	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:34	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:34	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:34	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 11:01	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 11:01	107-13-1	
Benzene	ND	ug/L	1.0	1		04/18/15 11:01	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 11:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 11:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 11:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 11:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 11:01	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 11:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 11:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 11:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 11:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/18/15 11:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 11:01	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 11:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 11:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 11:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 11:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:01	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 11:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 11:01	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW8D **Lab ID: 92244337014** Collected: 04/08/15 13:10 Received: 04/08/15 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		04/18/15 11:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 11:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 11:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 11:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 11:01	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 11:01	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 11:01	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 11:01	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 11:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 11:01	108-10-1	
Styrene	ND	ug/L	1.0	1		04/18/15 11:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 11:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 11:01	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 11:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 11:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 11:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 11:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 11:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 11:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 11:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 11:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 11:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 11:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/18/15 11:01	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/18/15 11:01	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/18/15 11:01	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW11 **Lab ID: 92244337015** Collected: 04/08/15 11:30 Received: 04/08/15 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		04/08/15 11:30		
Field pH	**6.6**	Std. Units	0.10	1		04/08/15 11:30		
Field Temperature	**16.5**	deg C	0.50	1		04/08/15 11:30		
Static Water Level	**32.02**	feet		1		04/08/15 11:30		
Field Specific Conductance	**376**	umhos/cm	1.0	1		04/08/15 11:30		
Turbidity	**3.13**	NTU	1.0	1		04/08/15 11:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:37	7440-38-2	
Barium	**82.7**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:37	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:37	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:37	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:37	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:37	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:37	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 06:22	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 06:22	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 06:22	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 06:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 06:22	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 06:22	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 06:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 06:22	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 06:22	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 06:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 06:22	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 06:22	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 06:22	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 06:22	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 06:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 06:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 06:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 06:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:22	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:22	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 06:22	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW11 **Lab ID: 92244337015** Collected: 04/08/15 11:30 Received: 04/08/15 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		04/16/15 06:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 06:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 06:22	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:22	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 06:22	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 06:22	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 06:22	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 06:22	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 06:22	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 06:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 06:22	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 06:22	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 06:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 06:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 06:22	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 06:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 06:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 06:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 06:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 06:22	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	105	%	70-130	1		04/16/15 06:22	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/16/15 06:22	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		04/16/15 06:22	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW11D **Lab ID: 92244337016** Collected: 04/08/15 11:40 Received: 04/08/15 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		04/08/15 11:40		
Field pH	**6.5**	Std. Units	0.10	1		04/08/15 11:40		
Field Temperature	**16.4**	deg C	0.50	1		04/08/15 11:40		
Static Water Level	**33.02**	feet		1		04/08/15 11:40		
Field Specific Conductance	**364**	umhos/cm	1.0	1		04/08/15 11:40		
Turbidity	**4.11**	NTU	1.0	1		04/08/15 11:40		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:40	7440-38-2	
Barium	**14.9**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:40	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:40	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:40	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:40	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:40	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:40	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 06:39	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 06:39	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 06:39	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 06:39	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 06:39	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 06:39	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 06:39	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 06:39	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 06:39	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 06:39	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 06:39	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 06:39	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 06:39	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 06:39	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 06:39	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 06:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 06:39	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 06:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:39	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:39	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 06:39	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW11D **Lab ID: 92244337016** Collected: 04/08/15 11:40 Received: 04/08/15 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		04/16/15 06:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 06:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 06:39	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:39	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 06:39	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 06:39	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 06:39	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 06:39	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 06:39	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 06:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:39	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 06:39	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 06:39	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:39	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 06:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 06:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 06:39	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 06:39	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 06:39	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 06:39	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 06:39	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 06:39	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/16/15 06:39	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/16/15 06:39	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		04/16/15 06:39	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW14 **Lab ID: 92244337017** Collected: 04/08/15 15:55 Received: 04/08/15 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		04/08/15 15:35		
Field pH	**6.5**	Std. Units	0.10	1		04/08/15 15:35		
Field Temperature	**15.7**	deg C	0.50	1		04/08/15 15:35		
Static Water Level	**31.33**	feet		1		04/08/15 15:35		
Field Specific Conductance	**198**	umhos/cm	1.0	1		04/08/15 15:35		
Turbidity	**1500**	NTU	1.0	1		04/08/15 15:35		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:44	7440-38-2	
Barium	**144**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-39-3	
Beryllium	**1.0**	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:44	7440-41-7	
Cadmium	**6.4**	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:44	7440-43-9	
Chromium	**42.1**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-47-3	
Cobalt	**19.3**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-48-4	
Copper	**26.5**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-50-8	
Lead	**12.8**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7439-92-1	
Nickel	**16.5**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:44	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:44	7440-28-0	
Vanadium	**84.7**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:44	7440-62-2	
Zinc	**52.7**	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:44	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 06:56	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 06:56	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 06:56	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 06:56	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 06:56	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 06:56	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 06:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 06:56	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 06:56	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 06:56	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 06:56	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 06:56	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 06:56	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 06:56	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 06:56	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 06:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 06:56	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 06:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:56	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:56	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 06:56	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW14 **Lab ID: 92244337017** Collected: 04/08/15 15:55 Received: 04/08/15 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		04/16/15 06:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 06:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 06:56	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:56	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 06:56	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 06:56	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 06:56	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 06:56	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 06:56	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 06:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:56	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 06:56	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 06:56	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:56	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 06:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 06:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 06:56	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 06:56	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 06:56	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 06:56	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 06:56	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 06:56	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/16/15 06:56	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/16/15 06:56	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/16/15 06:56	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW14D **Lab ID: 92244337018** Collected: 04/08/15 16:00 Received: 04/08/15 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		04/08/15 16:00		
Field pH	**6.8**	Std. Units	0.10	1		04/08/15 16:00		
Field Temperature	**15.4**	deg C	0.50	1		04/08/15 16:00		
Static Water Level	**31.37**	feet		1		04/08/15 16:00		
Field Specific Conductance	**250**	umhos/cm	1.0	1		04/08/15 16:00		
Turbidity	**3.63**	NTU	1.0	1		04/08/15 16:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:48	7440-38-2	
Barium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:48	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:48	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:48	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:48	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:48	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:48	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 07:13	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 07:13	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 07:13	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 07:13	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 07:13	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 07:13	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 07:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 07:13	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 07:13	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 07:13	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 07:13	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 07:13	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 07:13	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 07:13	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 07:13	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 07:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 07:13	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 07:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 07:13	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 07:13	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 07:13	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW14D **Lab ID: 92244337018** Collected: 04/08/15 16:00 Received: 04/08/15 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		04/16/15 07:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 07:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 07:13	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 07:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 07:13	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 07:13	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 07:13	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 07:13	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 07:13	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 07:13	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 07:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 07:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 07:13	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 07:13	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 07:13	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 07:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 07:13	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 07:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 07:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 07:13	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 07:13	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 07:13	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 07:13	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 07:13	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 07:13	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/16/15 07:13	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-130	1		04/16/15 07:13	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/16/15 07:13	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW15S **Lab ID: 92244337019** Collected: 04/08/15 15:15 Received: 04/08/15 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		04/08/15 15:15		
Field pH	**6.0**	Std. Units	0.10	1		04/08/15 15:15		
Field Temperature	**16.9**	deg C	0.50	1		04/08/15 15:15		
Static Water Level	**22.29**	feet		1		04/08/15 15:15		
Field Specific Conductance	**371**	umhos/cm	1.0	1		04/08/15 15:15		
Turbidity	**68**	NTU	1.0	1		04/08/15 15:15		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:51	7440-38-2	
Barium	**234**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:51	7440-41-7	
Cadmium	**1.0**	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:51	7440-43-9	
Chromium	**7.1**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-47-3	
Cobalt	**81.3**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7439-92-1	
Nickel	**8.8**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:51	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:51	7440-28-0	
Vanadium	**17.0**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:51	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:51	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 07:29	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 07:29	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 07:29	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 07:29	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 07:29	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 07:29	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 07:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 07:29	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 07:29	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 07:29	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 07:29	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 07:29	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 07:29	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 07:29	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 07:29	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 07:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 07:29	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 07:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 07:29	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 07:29	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 07:29	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW15S **Lab ID: 92244337019** Collected: 04/08/15 15:15 Received: 04/08/15 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		04/16/15 07:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 07:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 07:29	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 07:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 07:29	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 07:29	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 07:29	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 07:29	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 07:29	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 07:29	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 07:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 07:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 07:29	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 07:29	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 07:29	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 07:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 07:29	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 07:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 07:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 07:29	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 07:29	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 07:29	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 07:29	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 07:29	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 07:29	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	101	%	70-130	1		04/16/15 07:29	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/16/15 07:29	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		04/16/15 07:29	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW15D **Lab ID: 92244337020** Collected: 04/08/15 15:25 Received: 04/08/15 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		04/08/15 15:25		
Field pH	**6.3**	Std. Units	0.10	1		04/08/15 15:25		
Field Temperature	**16.8**	deg C	0.50	1		04/08/15 15:25		
Static Water Level	**26.74**	feet		1		04/08/15 15:25		
Field Specific Conductance	**416**	umhos/cm	1.0	1		04/08/15 15:25		
Turbidity	**15.7**	NTU	1.0	1		04/08/15 15:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:55	7440-38-2	
Barium	**164**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:55	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/10/15 12:15	04/13/15 18:55	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-47-3	
Cobalt	**6.2**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-48-4	
Copper	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-50-8	
Lead	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:55	7782-49-2	
Silver	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/10/15 12:15	04/13/15 18:55	7440-28-0	
Vanadium	**10.7**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:55	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/10/15 12:15	04/13/15 18:55	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 07:46	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 07:46	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 07:46	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 07:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 07:46	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 07:46	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 07:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 07:46	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 07:46	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 07:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 07:46	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 07:46	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 07:46	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 07:46	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 07:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 07:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 07:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 07:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 07:46	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 07:46	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 07:46	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW15D **Lab ID: 92244337020** Collected: 04/08/15 15:25 Received: 04/08/15 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		04/16/15 07:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 07:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 07:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 07:46	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 07:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 07:46	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 07:46	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 07:46	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 07:46	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 07:46	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 07:46	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 07:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 07:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 07:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 07:46	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 07:46	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 07:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 07:46	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 07:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 07:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 07:46	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 07:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 07:46	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 07:46	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 07:46	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 07:46	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/16/15 07:46	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-130	1		04/16/15 07:46	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/16/15 07:46	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1 **Lab ID: 92244337021** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 09:10		
Field pH	**7.4**	Std. Units	0.10	1		04/09/15 09:10		
Field Temperature	**14.2**	deg C	0.50	1		04/09/15 09:10		
Static Water Level	**68.71**	feet		1		04/09/15 09:10		
Field Specific Conductance	**155**	umhos/cm	1.0	1		04/09/15 09:10		
Turbidity	**3.56**	NTU	1.0	1		04/09/15 09:10		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	319-84-6	
beta-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	319-85-7	
delta-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	04/22/15 18:40	04/23/15 15:02	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	50-29-3	
Dieldrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	1031-07-8	
Endrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:02	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	04/22/15 18:40	04/23/15 15:02	72-43-5	
Toxaphene	ND	ug/L	0.20	1	04/22/15 18:40	04/23/15 15:02	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	60	%	20-130	1	04/22/15 18:40	04/23/15 15:02	877-09-8	H2
Decachlorobiphenyl (S)	58	%	20-130	1	04/22/15 18:40	04/23/15 15:02	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:05	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	102	%	10-132	1	04/17/15 08:15	04/17/15 18:05	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.95	1	04/13/15 15:00	04/13/15 21:59	94-75-7	
Dinoseb	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 21:59	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 21:59	93-76-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1 **Lab ID: 92244337021** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 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-TP (Silvex)	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 21:59	93-72-1	
Surrogates								
2,4-DCAA (S)	68	%	36-130	1	04/13/15 15:00	04/13/15 21:59	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:12	7440-38-2	
Barium	**114**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:12	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:12	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-48-4	
Copper	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-50-8	
Lead	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:12	7782-49-2	
Silver	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/15/15 17:55	04/16/15 20:12	7440-28-0	
Tin	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-31-5	
Vanadium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:12	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:12	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 15:50	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	208-96-8	
Acetophenone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	53-96-3	L2
4-Aminobiphenyl	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	92-67-1	
Anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	108-60-1	

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

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1 **Lab ID: 92244337021** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 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							
2-Chloronaphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	7005-72-3	
Chrysene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	218-01-9	
Diallate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	84-66-2	
Dimethoate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 17:42	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 17:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	122-39-4	
Disulfoton	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	04/14/15 16:30	04/16/15 17:42	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	62-50-0	
Famphur	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	52-85-7	L2
Fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	206-44-0	
Fluorene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	193-39-5	
Isodrin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	465-73-6	
Isophorone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	78-59-1	
Isosafrole	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	120-58-1	
Kepone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 17:42	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 17:42	66-27-3	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1 **Lab ID: 92244337021** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 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							
2-Methylnaphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42		L3
1-Naphthalenamine	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 17:42	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 17:42	91-59-8	
Naphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 17:42	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 17:42	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 17:42	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 17:42	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	04/14/15 16:30	04/16/15 17:42	87-86-5	
Phenacetin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	85-01-8	
Phenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	106-50-3	
Phorate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	298-02-2	
Pronamide	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	23950-58-5	
Pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	129-00-0	
Safrole	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	58-90-2	
Thionazin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 17:42	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 17:42	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	71	%	21-110	1	04/14/15 16:30	04/16/15 17:42	4165-60-0	
2-Fluorobiphenyl (S)	69	%	27-110	1	04/14/15 16:30	04/16/15 17:42	321-60-8	

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Asheville, NC 28804
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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1 **Lab ID: 92244337021** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 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								
Terphenyl-d14 (S)	91	%	31-107	1	04/14/15 16:30	04/16/15 17:42	1718-51-0	
Phenol-d6 (S)	28	%	10-110	1	04/14/15 16:30	04/16/15 17:42	13127-88-3	
2-Fluorophenol (S)	41	%	12-110	1	04/14/15 16:30	04/16/15 17:42	367-12-4	
2,4,6-Tribromophenol (S)	91	%	27-110	1	04/14/15 16:30	04/16/15 17:42	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/18/15 15:14	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		04/18/15 15:14	75-05-8	
Acrolein	ND	ug/L	10.0	1		04/18/15 15:14	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		04/18/15 15:14	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		04/18/15 15:14	107-05-1	
Benzene	ND	ug/L	1.0	1		04/18/15 15:14	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/18/15 15:14	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/18/15 15:14	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/18/15 15:14	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/18/15 15:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/18/15 15:14	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/18/15 15:14	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/18/15 15:14	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/18/15 15:14	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/18/15 15:14	75-00-3	M1
Chloroform	ND	ug/L	1.0	1		04/18/15 15:14	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/18/15 15:14	74-87-3	M1
Chloroprene	ND	ug/L	5.0	1		04/18/15 15:14	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/18/15 15:14	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/18/15 15:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/18/15 15:14	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/18/15 15:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 15:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 15:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/18/15 15:14	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/18/15 15:14	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/18/15 15:14	75-71-8	M1
1,1-Dichloroethane	ND	ug/L	1.0	1		04/18/15 15:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/18/15 15:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/18/15 15:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 15:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/18/15 15:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 15:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/18/15 15:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/18/15 15:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/18/15 15:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 15:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/18/15 15:14	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/18/15 15:14	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		04/18/15 15:14	97-63-2	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1 **Lab ID: 92244337021** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/18/15 15:14	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		04/18/15 15:14	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/18/15 15:14	74-88-4	
Isobutanol	ND	ug/L	100	1		04/18/15 15:14	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		04/18/15 15:14	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		04/18/15 15:14	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		04/18/15 15:14	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/18/15 15:14	108-10-1	
Naphthalene	ND	ug/L	1.0	1		04/18/15 15:14	91-20-3	
Propionitrile	ND	ug/L	20.0	1		04/18/15 15:14	107-12-0	
Styrene	ND	ug/L	1.0	1		04/18/15 15:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 15:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/18/15 15:14	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/18/15 15:14	127-18-4	
Toluene	ND	ug/L	1.0	1		04/18/15 15:14	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/18/15 15:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/18/15 15:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/18/15 15:14	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/18/15 15:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/18/15 15:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/18/15 15:14	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/18/15 15:14	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/18/15 15:14	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/18/15 15:14	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/18/15 15:14	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/18/15 15:14	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-130	1		04/18/15 15:14	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-130	1		04/18/15 15:14	17060-07-0	
Toluene-d8 (S)	100	%	70-130	1		04/18/15 15:14	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		04/10/15 15:30	18496-25-8	M1
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	8.0	1		04/18/15 14:33	57-12-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1D **Lab ID: 92244337022** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 09:30		
Field pH	**6.4**	Std. Units	0.10	1		04/09/15 09:30		
Field Temperature	**14.5**	deg C	0.50	1		04/09/15 09:30		
Static Water Level	**70.45**	feet		1		04/09/15 09:30		
Field Specific Conductance	**169**	umhos/cm	1.0	1		04/09/15 09:30		
Turbidity	**3.25**	NTU	1.0	1		04/09/15 09:30		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	319-84-6	
beta-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	319-85-7	
delta-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	04/22/15 18:40	04/23/15 15:20	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	50-29-3	
Dieldrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	1031-07-8	
Endrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:20	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	04/22/15 18:40	04/23/15 15:20	72-43-5	
Toxaphene	ND	ug/L	0.20	1	04/22/15 18:40	04/23/15 15:20	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	44	%	20-130	1	04/22/15 18:40	04/23/15 15:20	877-09-8	H2
Decachlorobiphenyl (S)	41	%	20-130	1	04/22/15 18:40	04/23/15 15:20	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 18:25	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	46	%	10-132	1	04/17/15 08:15	04/17/15 18:25	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	ND	ug/L	0.95	1	04/13/15 15:00	04/13/15 22:29	94-75-7	
Dinoseb	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 22:29	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 22:29	93-76-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1D **Lab ID: 92244337022** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 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-TP (Silvex)	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 22:29	93-72-1	
Surrogates								
2,4-DCAA (S)	64	%	36-130	1	04/13/15 15:00	04/13/15 22:29	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:15	7440-38-2	
Barium	**34.2**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:15	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:15	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-48-4	
Copper	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-50-8	
Lead	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:15	7782-49-2	
Silver	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/15/15 17:55	04/16/15 20:15	7440-28-0	
Tin	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-31-5	
Vanadium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:15	7440-62-2	
Zinc	**10.2**	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:15	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 15:52	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	208-96-8	
Acetophenone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	53-96-3	L2
4-Aminobiphenyl	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	92-67-1	
Anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	108-60-1	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1D **Lab ID: 92244337022** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 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							
2-Chloronaphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	7005-72-3	
Chrysene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	218-01-9	
Diallate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	84-66-2	
Dimethoate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:09	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:09	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	122-39-4	
Disulfoton	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	04/14/15 16:30	04/16/15 18:09	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	62-50-0	
Famphur	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	52-85-7	L2
Fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	206-44-0	
Fluorene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	193-39-5	
Isodrin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	465-73-6	
Isophorone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	78-59-1	
Isosafrole	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	120-58-1	
Kepone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:09	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:09	66-27-3	

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

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1D **Lab ID: 92244337022** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 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							
2-Methylnaphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09		L3
1-Naphthalenamine	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:09	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:09	91-59-8	
Naphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:09	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:09	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:09	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:09	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	04/14/15 16:30	04/16/15 18:09	87-86-5	
Phenacetin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	85-01-8	
Phenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	106-50-3	
Phorate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	298-02-2	
Pronamide	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	23950-58-5	
Pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	129-00-0	
Safrole	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	58-90-2	
Thionazin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:09	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:09	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	66	%	21-110	1	04/14/15 16:30	04/16/15 18:09	4165-60-0	
2-Fluorobiphenyl (S)	64	%	27-110	1	04/14/15 16:30	04/16/15 18:09	321-60-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1D **Lab ID: 92244337022** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 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								
Terphenyl-d14 (S)	67	%	31-107	1	04/14/15 16:30	04/16/15 18:09	1718-51-0	
Phenol-d6 (S)	23	%	10-110	1	04/14/15 16:30	04/16/15 18:09	13127-88-3	
2-Fluorophenol (S)	36	%	12-110	1	04/14/15 16:30	04/16/15 18:09	367-12-4	
2,4,6-Tribromophenol (S)	82	%	27-110	1	04/14/15 16:30	04/16/15 18:09	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/21/15 16:41	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		04/21/15 16:41	75-05-8	
Acrolein	ND	ug/L	10.0	1		04/21/15 16:41	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		04/21/15 16:41	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		04/21/15 16:41	107-05-1	
Benzene	ND	ug/L	1.0	1		04/21/15 16:41	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/21/15 16:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/21/15 16:41	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/21/15 16:41	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/21/15 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/21/15 16:41	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/21/15 16:41	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/21/15 16:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/21/15 16:41	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/21/15 16:41	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/21/15 16:41	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/21/15 16:41	74-87-3	
Chloroprene	ND	ug/L	5.0	1		04/21/15 16:41	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/21/15 16:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/21/15 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/21/15 16:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/21/15 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 16:41	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/21/15 16:41	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/21/15 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/21/15 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/21/15 16:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/21/15 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/21/15 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/21/15 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/21/15 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/21/15 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 16:41	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/21/15 16:41	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		04/21/15 16:41	97-63-2	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW1D **Lab ID: 92244337022** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/21/15 16:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		04/21/15 16:41	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/21/15 16:41	74-88-4	
Isobutanol	ND	ug/L	100	1		04/21/15 16:41	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		04/21/15 16:41	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		04/21/15 16:41	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		04/21/15 16:41	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/21/15 16:41	108-10-1	
Naphthalene	ND	ug/L	1.0	1		04/21/15 16:41	91-20-3	
Propionitrile	ND	ug/L	20.0	1		04/21/15 16:41	107-12-0	
Styrene	ND	ug/L	1.0	1		04/21/15 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 16:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/21/15 16:41	127-18-4	
Toluene	ND	ug/L	1.0	1		04/21/15 16:41	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/21/15 16:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/21/15 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/21/15 16:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/21/15 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/15 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/21/15 16:41	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/21/15 16:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/21/15 16:41	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/21/15 16:41	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/21/15 16:41	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/21/15 16:41	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	108	%	70-130	1		04/21/15 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-130	1		04/21/15 16:41	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		04/21/15 16:41	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		04/10/15 15:30	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	8.0	1		04/18/15 14:34	57-12-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW7 **Lab ID: 92244337023** Collected: 04/09/15 10:45 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 10:45		
Field pH	**6.3**	Std. Units	0.10	1		04/09/15 10:45		
Field Temperature	**16.4**	deg C	0.50	1		04/09/15 10:45		
Static Water Level	**46.26**	feet		1		04/09/15 10:45		
Field Specific Conductance	**691**	umhos/cm	1.0	1		04/09/15 10:45		
Turbidity	**4.81**	NTU	1.0	1		04/09/15 10:45		
8081 Organochlorine Pesticides	Analytical Method: EPA 8081 Preparation Method: EPA 3510							
Aldrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	309-00-2	
alpha-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	319-84-6	
beta-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	319-85-7	
delta-BHC	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	319-86-8	
gamma-BHC (Lindane)	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	58-89-9	
Chlordane (Technical)	ND	ug/L	0.20	1	04/22/15 18:40	04/23/15 15:38	57-74-9	
4,4'-DDD	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	72-54-8	
4,4'-DDE	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	72-55-9	
4,4'-DDT	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	50-29-3	
Dieldrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	60-57-1	
Endosulfan I	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	959-98-8	
Endosulfan II	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	33213-65-9	
Endosulfan sulfate	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	1031-07-8	
Endrin	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	72-20-8	
Endrin aldehyde	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	7421-93-4	
Heptachlor	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	76-44-8	
Heptachlor epoxide	ND	ug/L	0.050	1	04/22/15 18:40	04/23/15 15:38	1024-57-3	
Methoxychlor	ND	ug/L	0.15	1	04/22/15 18:40	04/23/15 15:38	72-43-5	
Toxaphene	ND	ug/L	0.20	1	04/22/15 18:40	04/23/15 15:38	8001-35-2	
Surrogates								
Tetrachloro-m-xylene (S)	55	%	20-130	1	04/22/15 18:40	04/23/15 15:38	877-09-8	H2
Decachlorobiphenyl (S)	63	%	20-130	1	04/22/15 18:40	04/23/15 15:38	2051-24-3	
8082 GCS PCB	Analytical Method: EPA 8082 Preparation Method: EPA 3510							
PCB-1016 (Aroclor 1016)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	12674-11-2	
PCB-1221 (Aroclor 1221)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	11104-28-2	
PCB-1232 (Aroclor 1232)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	11141-16-5	
PCB-1242 (Aroclor 1242)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	53469-21-9	
PCB-1248 (Aroclor 1248)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	12672-29-6	
PCB-1254 (Aroclor 1254)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	11097-69-1	
PCB-1260 (Aroclor 1260)	ND	ug/L	0.50	1	04/17/15 08:15	04/17/15 19:27	11096-82-5	
Surrogates								
Decachlorobiphenyl (S)	86	%	10-132	1	04/17/15 08:15	04/17/15 19:27	2051-24-3	
8151 Chlorinated Herbicides	Analytical Method: EPA 8151 Preparation Method: EPA 8151							
2,4-D	**3.7**	ug/L	0.94	1	04/13/15 15:00	04/13/15 23:00	94-75-7	
Dinoseb	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 23:00	88-85-7	
2,4,5-T	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 23:00	93-76-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW7 **Lab ID: 92244337023** Collected: 04/09/15 10:45 Received: 04/09/15 12:25 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-TP (Silvex)	ND	ug/L	0.19	1	04/13/15 15:00	04/13/15 23:00	93-72-1	
Surrogates								
2,4-DCAA (S)	71	%	36-130	1	04/13/15 15:00	04/13/15 23:00	19719-28-9	
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:18	7440-38-2	
Barium	**206**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:18	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:18	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-48-4	
Copper	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-50-8	
Lead	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7439-92-1	
Nickel	**14.0**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:18	7782-49-2	
Silver	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/15/15 17:55	04/16/15 20:18	7440-28-0	
Tin	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-31-5	
Vanadium	**6.3**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:18	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:18	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 15:55	7439-97-6	
8270 MSSV Semivolatile Organic	Analytical Method: EPA 8270 Preparation Method: EPA 3510							
Acenaphthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	83-32-9	
Acenaphthylene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	208-96-8	
Acetophenone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	98-86-2	
2-Acetylaminofluorene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	53-96-3	L2
4-Aminobiphenyl	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	92-67-1	
Anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	120-12-7	
Benzo(a)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	56-55-3	
Benzo(a)pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	50-32-8	
Benzo(b)fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	205-99-2	
Benzo(g,h,i)perylene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	191-24-2	
Benzo(k)fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	207-08-9	
Benzyl alcohol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	100-51-6	
4-Bromophenylphenyl ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	101-55-3	
Butylbenzylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	85-68-7	
4-Chloro-3-methylphenol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	59-50-7	
4-Chloroaniline	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	106-47-8	
Chlorobenzilate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	510-15-6	
bis(2-Chloroethoxy)methane	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	108-60-1	

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

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW7 **Lab ID: 92244337023** Collected: 04/09/15 10:45 Received: 04/09/15 12:25 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							
2-Chloronaphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	91-58-7	
2-Chlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	7005-72-3	
Chrysene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	218-01-9	
Diallate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	2303-16-4	
Dibenz(a,h)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	53-70-3	
Dibenzofuran	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	132-64-9	
1,2-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	91-94-1	
2,4-Dichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	120-83-2	
2,6-Dichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	87-65-0	
Diethylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	84-66-2	
Dimethoate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	60-51-5	
P-Dimethylaminoazobenzene	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:37	60-11-7	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	57-97-6	
3,3'-Dimethylbenzidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	119-93-7	
2,4-Dimethylphenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	105-67-9	
Dimethylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	131-11-3	
Di-n-butylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	534-52-1	
1,3-Dinitrobenzene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	99-65-0	
2,4-Dinitrophenol	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:37	51-28-5	
2,4-Dinitrotoluene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	121-14-2	
2,6-Dinitrotoluene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	606-20-2	
Di-n-octylphthalate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	117-84-0	
Diphenylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	122-39-4	
Disulfoton	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	298-04-4	
bis(2-Ethylhexyl)phthalate	ND	ug/L	6.0	1	04/14/15 16:30	04/16/15 18:37	117-81-7	
Ethyl methanesulfonate	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	62-50-0	
Famphur	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	52-85-7	L2
Fluoranthene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	206-44-0	
Fluorene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	87-68-3	
Hexachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	118-74-1	
Hexachlorocyclopentadiene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	77-47-4	
Hexachloroethane	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	67-72-1	
Hexachloropropene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	1888-71-7	
Indeno(1,2,3-cd)pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	193-39-5	
Isodrin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	465-73-6	
Isophorone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	78-59-1	
Isosafrole	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	120-58-1	
Kepone	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	143-50-0	
Methapyrilene	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:37	91-80-5	
3-Methylcholanthrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	56-49-5	
Methyl methanesulfonate	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:37	66-27-3	

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Asheville, NC 28804
(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW7 **Lab ID: 92244337023** Collected: 04/09/15 10:45 Received: 04/09/15 12:25 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							
2-Methylnaphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	91-57-6	
Methyl parathion	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	298-00-0	
2-Methylphenol(o-Cresol)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37		L3
1-Naphthalenamine	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:37	134-32-7	
2-Naphthalenamine	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:37	91-59-8	
Naphthalene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	91-20-3	
1,4-Naphthoquinone	ND	ug/L	5.0	1	04/14/15 16:30	04/16/15 18:37	130-15-4	
2-Nitroaniline	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:37	88-74-4	
3-Nitroaniline	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:37	99-09-2	
4-Nitroaniline	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	100-01-6	
Nitrobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	98-95-3	
2-Nitrophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	88-75-5	
4-Nitrophenol	ND	ug/L	50.0	1	04/14/15 16:30	04/16/15 18:37	100-02-7	
5-Nitro-o-toluidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	99-55-8	
N-Nitrosodiethylamine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	55-18-5	
N-Nitrosodimethylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	62-75-9	
N-Nitroso-di-n-butylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	924-16-3	
N-Nitroso-di-n-propylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	621-64-7	
N-Nitrosodiphenylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	86-30-6	
N-Nitrosomethylethylamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	10595-95-6	
N-Nitrosopiperidine	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	100-75-4	
N-Nitrosopyrrolidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	930-55-2	
O,O,O-Triethylphosphorothioate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	126-68-1	
Parathion (Ethyl parathion)	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	56-38-2	
Pentachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	608-93-5	
Pentachloronitrobenzene	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	82-68-8	
Pentachlorophenol	ND	ug/L	25.0	1	04/14/15 16:30	04/16/15 18:37	87-86-5	
Phenacetin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	62-44-2	
Phenanthrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	85-01-8	
Phenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	108-95-2	
p-Phenylenediamine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	106-50-3	
Phorate	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	298-02-2	
Pronamide	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	23950-58-5	
Pyrene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	129-00-0	
Safrole	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	94-59-7	
1,2,4,5-Tetrachlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	95-94-3	
2,3,4,6-Tetrachlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	58-90-2	
Thionazin	ND	ug/L	20.0	1	04/14/15 16:30	04/16/15 18:37	297-97-2	
O-Toluidine	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	95-53-4	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	120-82-1	
2,4,5-Trichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	88-06-2	
1,3,5-Trinitrobenzene	ND	ug/L	10.0	1	04/14/15 16:30	04/16/15 18:37	99-35-4	
Surrogates								
Nitrobenzene-d5 (S)	74	%	21-110	1	04/14/15 16:30	04/16/15 18:37	4165-60-0	
2-Fluorobiphenyl (S)	71	%	27-110	1	04/14/15 16:30	04/16/15 18:37	321-60-8	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW7 **Lab ID: 92244337023** Collected: 04/09/15 10:45 Received: 04/09/15 12:25 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								
Terphenyl-d14 (S)	94	%	31-107	1	04/14/15 16:30	04/16/15 18:37	1718-51-0	
Phenol-d6 (S)	32	%	10-110	1	04/14/15 16:30	04/16/15 18:37	13127-88-3	
2-Fluorophenol (S)	42	%	12-110	1	04/14/15 16:30	04/16/15 18:37	367-12-4	
2,4,6-Tribromophenol (S)	96	%	27-110	1	04/14/15 16:30	04/16/15 18:37	118-79-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/21/15 05:27	67-64-1	
Acetonitrile	ND	ug/L	50.0	1		04/21/15 05:27	75-05-8	
Acrolein	ND	ug/L	10.0	1		04/21/15 05:27	107-02-8	
Acrylonitrile	ND	ug/L	10.0	1		04/21/15 05:27	107-13-1	
Allyl chloride	ND	ug/L	2.0	1		04/21/15 05:27	107-05-1	
Benzene	ND	ug/L	1.0	1		04/21/15 05:27	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/21/15 05:27	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/21/15 05:27	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/21/15 05:27	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/21/15 05:27	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/21/15 05:27	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/21/15 05:27	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/21/15 05:27	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/21/15 05:27	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/21/15 05:27	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/21/15 05:27	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/21/15 05:27	74-87-3	
Chloroprene	ND	ug/L	5.0	1		04/21/15 05:27	126-99-8	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/21/15 05:27	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/21/15 05:27	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/21/15 05:27	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/21/15 05:27	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 05:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 05:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 05:27	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/21/15 05:27	110-57-6	
Dichlorodifluoromethane	ND	ug/L	1.0	1		04/21/15 05:27	75-71-8	
1,1-Dichloroethane	**1.2**	ug/L	1.0	1		04/21/15 05:27	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/21/15 05:27	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/21/15 05:27	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 05:27	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 05:27	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/21/15 05:27	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	1		04/21/15 05:27	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	1		04/21/15 05:27	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	1		04/21/15 05:27	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 05:27	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 05:27	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/21/15 05:27	100-41-4	
Ethyl methacrylate	ND	ug/L	1.0	1		04/21/15 05:27	97-63-2	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW7 **Lab ID: 92244337023** Collected: 04/09/15 10:45 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Hexachloro-1,3-butadiene	ND	ug/L	1.0	1		04/21/15 05:27	87-68-3	
2-Hexanone	ND	ug/L	5.0	1		04/21/15 05:27	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/21/15 05:27	74-88-4	
Isobutanol	ND	ug/L	100	1		04/21/15 05:27	78-83-1	
Methacrylonitrile	ND	ug/L	10.0	1		04/21/15 05:27	126-98-7	
Methylene Chloride	ND	ug/L	1.0	1		04/21/15 05:27	75-09-2	
Methyl methacrylate	ND	ug/L	2.0	1		04/21/15 05:27	80-62-6	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/21/15 05:27	108-10-1	
Naphthalene	ND	ug/L	1.0	1		04/21/15 05:27	91-20-3	
Propionitrile	ND	ug/L	20.0	1		04/21/15 05:27	107-12-0	
Styrene	ND	ug/L	1.0	1		04/21/15 05:27	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 05:27	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 05:27	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/21/15 05:27	127-18-4	
Toluene	ND	ug/L	1.0	1		04/21/15 05:27	108-88-3	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	1		04/21/15 05:27	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/21/15 05:27	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/21/15 05:27	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/21/15 05:27	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/15 05:27	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/21/15 05:27	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/21/15 05:27	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/21/15 05:27	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/21/15 05:27	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/21/15 05:27	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/21/15 05:27	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	106	%	70-130	1		04/21/15 05:27	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-130	1		04/21/15 05:27	17060-07-0	
Toluene-d8 (S)	97	%	70-130	1		04/21/15 05:27	2037-26-5	
4500S2D Sulfide Water	Analytical Method: SM 4500-S2D							
Sulfide	ND	ug/L	100	1		04/10/15 15:30	18496-25-8	
4500CNE Cyanide, Total	Analytical Method: SM 4500-CN-E							
Cyanide	ND	ug/L	8.0	1		04/18/15 14:35	57-12-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW12 **Lab ID: 92244337024** Collected: 04/09/15 11:10 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 11:10		
Field pH	**6.5**	Std. Units	0.10	1		04/09/15 11:10		
Field Temperature	**15.1**	deg C	0.50	1		04/09/15 11:10		
Static Water Level	**12.11**	feet		1		04/09/15 11:10		
Field Specific Conductance	**687**	umhos/cm	1.0	1		04/09/15 11:10		
Turbidity	**2.86**	NTU	1.0	1		04/09/15 11:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:21	7440-38-2	
Barium	**71.3**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:21	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:21	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-48-4	
Copper	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-50-8	
Lead	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7439-92-1	
Nickel	**12.8**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:21	7782-49-2	
Silver	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/15/15 17:55	04/16/15 20:21	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:21	7440-62-2	
Zinc	**16.8**	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:21	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/21/15 05:44	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/21/15 05:44	107-13-1	
Benzene	ND	ug/L	1.0	1		04/21/15 05:44	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/21/15 05:44	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/21/15 05:44	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/21/15 05:44	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/21/15 05:44	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/21/15 05:44	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/21/15 05:44	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/21/15 05:44	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/21/15 05:44	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/21/15 05:44	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/21/15 05:44	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/21/15 05:44	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/21/15 05:44	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/21/15 05:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/21/15 05:44	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/21/15 05:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 05:44	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 05:44	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/21/15 05:44	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW12 **Lab ID: 92244337024** Collected: 04/09/15 11:10 Received: 04/09/15 12:25 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		04/21/15 05:44	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/21/15 05:44	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/21/15 05:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 05:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 05:44	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/21/15 05:44	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 05:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 05:44	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/21/15 05:44	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/21/15 05:44	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/21/15 05:44	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/21/15 05:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/21/15 05:44	108-10-1	
Styrene	ND	ug/L	1.0	1		04/21/15 05:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 05:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 05:44	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/21/15 05:44	127-18-4	
Toluene	ND	ug/L	1.0	1		04/21/15 05:44	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/21/15 05:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/21/15 05:44	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/21/15 05:44	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/15 05:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/21/15 05:44	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/21/15 05:44	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/21/15 05:44	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/21/15 05:44	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/21/15 05:44	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/21/15 05:44	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	102	%	70-130	1		04/21/15 05:44	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-130	1		04/21/15 05:44	17060-07-0	
Toluene-d8 (S)	99	%	70-130	1		04/21/15 05:44	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW12D **Lab ID: 92244337025** Collected: 04/09/15 11:30 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 11:30		
Field pH	**6.7**	Std. Units	0.10	1		04/09/15 11:30		
Field Temperature	**14.3**	deg C	0.50	1		04/09/15 11:30		
Static Water Level	**10.73**	feet		1		04/09/15 11:30		
Field Specific Conductance	**539**	umhos/cm	1.0	1		04/09/15 11:30		
Turbidity	**9.27**	NTU	1.0	1		04/09/15 11:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:33	7440-38-2	
Barium	**58.0**	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:33	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/15/15 17:55	04/16/15 20:33	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-48-4	
Copper	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-50-8	
Lead	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:33	7782-49-2	
Silver	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/15/15 17:55	04/16/15 20:33	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/15/15 17:55	04/16/15 20:33	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/15/15 17:55	04/16/15 20:33	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/21/15 06:01	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/21/15 06:01	107-13-1	
Benzene	ND	ug/L	1.0	1		04/21/15 06:01	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/21/15 06:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/21/15 06:01	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/21/15 06:01	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/21/15 06:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/21/15 06:01	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/21/15 06:01	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/21/15 06:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/21/15 06:01	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/21/15 06:01	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/21/15 06:01	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/21/15 06:01	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/21/15 06:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/21/15 06:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/21/15 06:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/21/15 06:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 06:01	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/21/15 06:01	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/21/15 06:01	110-57-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-MW12D **Lab ID: 92244337025** Collected: 04/09/15 11:30 Received: 04/09/15 12:25 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		04/21/15 06:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/21/15 06:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/21/15 06:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 06:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/21/15 06:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/21/15 06:01	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 06:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/21/15 06:01	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/21/15 06:01	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/21/15 06:01	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/21/15 06:01	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/21/15 06:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/21/15 06:01	108-10-1	
Styrene	ND	ug/L	1.0	1		04/21/15 06:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 06:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/21/15 06:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/21/15 06:01	127-18-4	
Toluene	ND	ug/L	1.0	1		04/21/15 06:01	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/21/15 06:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/21/15 06:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/21/15 06:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/21/15 06:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/21/15 06:01	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/21/15 06:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/21/15 06:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/21/15 06:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/21/15 06:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/21/15 06:01	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	100	%	70-130	1		04/21/15 06:01	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-130	1		04/21/15 06:01	17060-07-0	
Toluene-d8 (S)	101	%	70-130	1		04/21/15 06:01	2037-26-5	

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(828)254-7176

ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-Equipment Blank **Lab ID: 92244337026** Collected: 04/06/15 08:00 Received: 04/09/15 12:28 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Antimony	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-36-0	
Arsenic	ND	ug/L	10.0	1	04/14/15 14:15	04/15/15 22:35	7440-38-2	
Barium	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-39-3	
Beryllium	ND	ug/L	1.0	1	04/14/15 14:15	04/15/15 22:35	7440-41-7	
Cadmium	ND	ug/L	1.0	1	04/14/15 14:15	04/15/15 22:35	7440-43-9	
Chromium	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-47-3	
Cobalt	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-48-4	
Copper	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-50-8	
Lead	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7439-92-1	
Nickel	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-02-0	
Selenium	ND	ug/L	10.0	1	04/14/15 14:15	04/15/15 22:35	7782-49-2	
Silver	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-22-4	
Thallium	ND	ug/L	5.4	1	04/14/15 14:15	04/15/15 22:35	7440-28-0	
Vanadium	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:35	7440-62-2	
Zinc	ND	ug/L	10.0	1	04/14/15 14:15	04/15/15 22:35	7440-66-6	
8260 MSV Low Level Landfill	Analytical Method: EPA 8260							
Acetone	ND	ug/L	25.0	1		04/16/15 05:49	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 05:49	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 05:49	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 05:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 05:49	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 05:49	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 05:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 05:49	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 05:49	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 05:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 05:49	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 05:49	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 05:49	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 05:49	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 05:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 05:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 05:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 05:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 05:49	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 05:49	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 05:49	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/16/15 05:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 05:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 05:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 05:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 05:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 05:49	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 05:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 05:49	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 05:49	100-41-4	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-Equipment Blank **Lab ID: 92244337026** Collected: 04/06/15 08:00 Received: 04/09/15 12:28 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		04/16/15 05:49	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 05:49	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 05:49	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 05:49	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 05:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 05:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 05:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 05:49	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 05:49	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 05:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 05:49	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 05:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 05:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 05:49	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 05:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 05:49	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 05:49	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	1		04/16/15 05:49	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 05:49	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/16/15 05:49	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-130	1		04/16/15 05:49	17060-07-0	
Toluene-d8 (S)	102	%	70-130	1		04/16/15 05:49	2037-26-5	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-Travel Blank **Lab ID: 92244337027** Collected: 04/06/15 08:00 Received: 04/09/15 12:28 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		04/16/15 06:06	67-64-1	
Acrylonitrile	ND	ug/L	10.0	1		04/16/15 06:06	107-13-1	
Benzene	ND	ug/L	1.0	1		04/16/15 06:06	71-43-2	
Bromochloromethane	ND	ug/L	1.0	1		04/16/15 06:06	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	1		04/16/15 06:06	75-27-4	
Bromoform	ND	ug/L	1.0	1		04/16/15 06:06	75-25-2	
Bromomethane	ND	ug/L	2.0	1		04/16/15 06:06	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	1		04/16/15 06:06	78-93-3	
Carbon disulfide	ND	ug/L	2.0	1		04/16/15 06:06	75-15-0	
Carbon tetrachloride	ND	ug/L	1.0	1		04/16/15 06:06	56-23-5	
Chlorobenzene	ND	ug/L	1.0	1		04/16/15 06:06	108-90-7	
Chloroethane	ND	ug/L	1.0	1		04/16/15 06:06	75-00-3	
Chloroform	ND	ug/L	1.0	1		04/16/15 06:06	67-66-3	
Chloromethane	ND	ug/L	1.0	1		04/16/15 06:06	74-87-3	
1,2-Dibromo-3-chloropropane	ND	ug/L	2.0	1		04/16/15 06:06	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	1		04/16/15 06:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	1		04/16/15 06:06	106-93-4	
Dibromomethane	ND	ug/L	1.0	1		04/16/15 06:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:06	95-50-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	1		04/16/15 06:06	106-46-7	
trans-1,4-Dichloro-2-butene	ND	ug/L	1.0	1		04/16/15 06:06	110-57-6	
1,1-Dichloroethane	ND	ug/L	1.0	1		04/16/15 06:06	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	1		04/16/15 06:06	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	1		04/16/15 06:06	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	1		04/16/15 06:06	78-87-5	
cis-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	1		04/16/15 06:06	10061-02-6	
Ethylbenzene	ND	ug/L	1.0	1		04/16/15 06:06	100-41-4	
2-Hexanone	ND	ug/L	5.0	1		04/16/15 06:06	591-78-6	
Iodomethane	ND	ug/L	5.0	1		04/16/15 06:06	74-88-4	
Methylene Chloride	ND	ug/L	1.0	1		04/16/15 06:06	75-09-2	L3
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	1		04/16/15 06:06	108-10-1	
Styrene	ND	ug/L	1.0	1		04/16/15 06:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	1		04/16/15 06:06	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	1		04/16/15 06:06	127-18-4	
Toluene	ND	ug/L	1.0	1		04/16/15 06:06	108-88-3	
1,1,1-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	1		04/16/15 06:06	79-00-5	
Trichloroethene	ND	ug/L	1.0	1		04/16/15 06:06	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	1		04/16/15 06:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	1		04/16/15 06:06	96-18-4	
Vinyl acetate	ND	ug/L	2.0	1		04/16/15 06:06	108-05-4	
Vinyl chloride	ND	ug/L	1.0	1		04/16/15 06:06	75-01-4	
Xylene (Total)	ND	ug/L	2.0	1		04/16/15 06:06	1330-20-7	

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ANALYTICAL RESULTS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Sample: 1107-Travel Blank **Lab ID: 92244337027** Collected: 04/06/15 08:00 Received: 04/09/15 12:28 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		04/16/15 06:06	179601-23-1	
o-Xylene	ND	ug/L	1.0	1		04/16/15 06:06	95-47-6	
Surrogates								
4-Bromofluorobenzene (S)	104	%	70-130	1		04/16/15 06:06	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-130	1		04/16/15 06:06	17060-07-0	
Toluene-d8 (S)	103	%	70-130	1		04/16/15 06:06	2037-26-5	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MERP/7738 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1432706 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/15/15 15:10	

LABORATORY CONTROL SAMPLE: 1432707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.1	82	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1432708 1432709

Parameter	Units	92245046008 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	2.2	2.2	87	88	75-125	1	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MPRP/18230 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244337001, 92244337002, 92244337003, 92244337004, 92244337005, 92244337006, 92244337007, 92244337008, 92244337009, 92244337010

METHOD BLANK: 1429009 | Matrix: Water
Associated Lab Samples: 92244337001, 92244337002, 92244337003, 92244337004, 92244337005, 92244337006, 92244337007, 92244337008, 92244337009, 92244337010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/10/15 02:40	
Arsenic	ug/L	ND	10.0	04/10/15 02:40	
Barium	ug/L	ND	5.0	04/10/15 02:40	
Beryllium	ug/L	ND	1.0	04/10/15 02:40	
Cadmium	ug/L	ND	1.0	04/10/15 02:40	
Chromium	ug/L	ND	5.0	04/10/15 02:40	
Cobalt	ug/L	ND	5.0	04/10/15 02:40	
Copper	ug/L	ND	5.0	04/10/15 02:40	
Lead	ug/L	ND	5.0	04/10/15 02:40	
Nickel	ug/L	ND	5.0	04/10/15 02:40	
Selenium	ug/L	ND	10.0	04/10/15 02:40	
Silver	ug/L	ND	5.0	04/10/15 02:40	
Thallium	ug/L	ND	5.4	04/10/15 02:40	
Vanadium	ug/L	ND	5.0	04/10/15 02:40	
Zinc	ug/L	ND	10.0	04/10/15 02:40	

LABORATORY CONTROL SAMPLE: 1429010

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	503	101	80-120	
Arsenic	ug/L	500	496	99	80-120	
Barium	ug/L	500	479	96	80-120	
Beryllium	ug/L	500	508	102	80-120	
Cadmium	ug/L	500	536	107	80-120	
Chromium	ug/L	500	526	105	80-120	
Cobalt	ug/L	500	512	102	80-120	
Copper	ug/L	500	473	95	80-120	
Lead	ug/L	500	504	101	80-120	
Nickel	ug/L	500	507	101	80-120	
Selenium	ug/L	500	486	97	80-120	
Silver	ug/L	250	251	100	80-120	
Thallium	ug/L	500	484	97	80-120	
Vanadium	ug/L	500	508	102	80-120	
Zinc	ug/L	500	512	102	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1429011 1429012

Parameter	Units	92244337001 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	488	99	98	75-125	2	
Arsenic	ug/L	ND	500	500	495	488	98	97	75-125	1	
Barium	ug/L	70.1	500	500	537	528	93	92	75-125	2	
Beryllium	ug/L	ND	500	500	498	492	100	98	75-125	1	
Cadmium	ug/L	ND	500	500	520	513	104	103	75-125	1	
Chromium	ug/L	ND	500	500	520	511	103	101	75-125	2	
Cobalt	ug/L	ND	500	500	501	493	100	98	75-125	2	
Copper	ug/L	ND	500	500	471	464	94	92	75-125	1	
Lead	ug/L	ND	500	500	488	482	97	96	75-125	1	
Nickel	ug/L	ND	500	500	496	488	99	97	75-125	2	
Selenium	ug/L	ND	500	500	471	475	94	95	75-125	1	
Silver	ug/L	ND	250	250	245	242	98	97	75-125	1	
Thallium	ug/L	ND	500	500	470	465	94	93	75-125	1	
Vanadium	ug/L	ND	500	500	504	496	100	98	75-125	2	
Zinc	ug/L	10.1	500	500	505	498	99	98	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MPRP/18250 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244337011, 92244337012, 92244337013, 92244337014, 92244337015, 92244337016, 92244337017, 92244337018, 92244337019, 92244337020

METHOD BLANK: 1431534 | Matrix: Water
Associated Lab Samples: 92244337011, 92244337012, 92244337013, 92244337014, 92244337015, 92244337016, 92244337017, 92244337018, 92244337019, 92244337020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/13/15 16:54	
Arsenic	ug/L	ND	10.0	04/13/15 16:54	
Barium	ug/L	ND	5.0	04/13/15 16:54	
Beryllium	ug/L	ND	1.0	04/13/15 16:54	
Cadmium	ug/L	ND	1.0	04/13/15 16:54	
Chromium	ug/L	ND	5.0	04/13/15 16:54	
Cobalt	ug/L	ND	5.0	04/13/15 16:54	
Copper	ug/L	ND	5.0	04/13/15 16:54	
Lead	ug/L	ND	5.0	04/13/15 16:54	
Nickel	ug/L	ND	5.0	04/13/15 16:54	
Selenium	ug/L	ND	10.0	04/13/15 16:54	
Silver	ug/L	ND	5.0	04/13/15 16:54	
Thallium	ug/L	ND	5.4	04/14/15 13:37	
Vanadium	ug/L	ND	5.0	04/13/15 16:54	
Zinc	ug/L	ND	10.0	04/13/15 16:54	

LABORATORY CONTROL SAMPLE: 1431535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	456	91	80-120	
Arsenic	ug/L	500	439	88	80-120	
Barium	ug/L	500	457	91	80-120	
Beryllium	ug/L	500	455	91	80-120	
Cadmium	ug/L	500	449	90	80-120	
Chromium	ug/L	500	461	92	80-120	
Cobalt	ug/L	500	467	93	80-120	
Copper	ug/L	500	455	91	80-120	
Lead	ug/L	500	452	90	80-120	
Nickel	ug/L	500	450	90	80-120	
Selenium	ug/L	500	441	88	80-120	
Silver	ug/L	250	227	91	80-120	
Thallium	ug/L	500	406	81	80-120	
Vanadium	ug/L	500	460	92	80-120	
Zinc	ug/L	500	452	90	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1431536 1431537

Parameter	Units	92241827011 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	456	460	91	92	75-125	1	
Arsenic	ug/L	ND	500	500	443	445	89	89	75-125	0	
Barium	ug/L	ND	500	500	458	462	92	92	75-125	1	
Beryllium	ug/L	ND	500	500	455	458	91	92	75-125	1	
Cadmium	ug/L	ND	500	500	451	452	90	90	75-125	0	
Chromium	ug/L	ND	500	500	462	464	92	93	75-125	0	
Cobalt	ug/L	ND	500	500	469	472	94	94	75-125	1	
Copper	ug/L	ND	500	500	455	460	91	92	75-125	1	
Lead	ug/L	ND	500	500	450	453	90	91	75-125	1	
Nickel	ug/L	ND	500	500	452	454	90	91	75-125	0	
Selenium	ug/L	ND	500	500	443	440	88	88	75-125	1	
Silver	ug/L	ND	250	250	227	228	91	91	75-125	0	
Thallium	ug/L	ND	500	500	436	444	87	88	75-125	2	
Vanadium	ug/L	ND	500	500	462	465	92	93	75-125	1	
Zinc	ug/L	ND	500	500	456	454	91	90	75-125	0	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MPRP/18251 | Analysis Method: EPA 6010
QC Batch Method: EPA 3010 | Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244337021, 92244337022, 92244337023, 92244337024, 92244337025

METHOD BLANK: 1431559 | Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023, 92244337024, 92244337025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/16/15 19:23	
Arsenic	ug/L	ND	10.0	04/16/15 19:23	
Barium	ug/L	ND	5.0	04/16/15 19:23	
Beryllium	ug/L	ND	1.0	04/16/15 19:23	
Cadmium	ug/L	ND	1.0	04/16/15 19:23	
Chromium	ug/L	ND	5.0	04/16/15 19:23	
Cobalt	ug/L	ND	5.0	04/16/15 19:23	
Copper	ug/L	ND	5.0	04/16/15 19:23	
Lead	ug/L	ND	5.0	04/16/15 19:23	
Nickel	ug/L	ND	5.0	04/16/15 19:23	
Selenium	ug/L	ND	10.0	04/16/15 19:23	
Silver	ug/L	ND	5.0	04/16/15 19:23	
Thallium	ug/L	ND	5.4	04/16/15 19:23	
Tin	ug/L	ND	5.0	04/16/15 19:23	
Vanadium	ug/L	ND	5.0	04/16/15 19:23	
Zinc	ug/L	ND	10.0	04/16/15 19:23	

LABORATORY CONTROL SAMPLE: 1431560

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	497	99	80-120	
Arsenic	ug/L	500	482	96	80-120	
Barium	ug/L	500	484	97	80-120	
Beryllium	ug/L	500	479	96	80-120	
Cadmium	ug/L	500	485	97	80-120	
Chromium	ug/L	500	475	95	80-120	
Cobalt	ug/L	500	480	96	80-120	
Copper	ug/L	500	489	98	80-120	
Lead	ug/L	500	478	96	80-120	
Nickel	ug/L	500	474	95	80-120	
Selenium	ug/L	500	480	96	80-120	
Silver	ug/L	250	241	96	80-120	
Thallium	ug/L	500	475	95	80-120	
Tin	ug/L	500	484	97	80-120	
Vanadium	ug/L	500	476	95	80-120	
Zinc	ug/L	500	460	92	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1431561 1431562

Parameter	Units	92244777006 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	484	496	97	99	75-125	2	
Arsenic	ug/L	ND	500	500	465	476	93	95	75-125	2	
Barium	ug/L	27.1	500	500	499	507	94	96	75-125	2	
Beryllium	ug/L	ND	500	500	466	475	93	95	75-125	2	
Cadmium	ug/L	ND	500	500	469	482	94	96	75-125	3	
Chromium	ug/L	ND	500	500	461	470	92	94	75-125	2	
Cobalt	ug/L	ND	500	500	466	479	93	96	75-125	3	
Copper	ug/L	ND	500	500	477	485	95	97	75-125	2	
Lead	ug/L	ND	500	500	462	474	92	95	75-125	2	
Nickel	ug/L	ND	500	500	460	471	92	94	75-125	2	
Selenium	ug/L	ND	500	500	467	480	93	95	75-125	3	
Silver	ug/L	ND	250	250	230	234	92	94	75-125	2	
Thallium	ug/L	ND	500	500	457	470	91	94	75-125	3	
Tin	ug/L	ND	500	500	469	484	94	97	75-125	3	
Vanadium	ug/L	ND	500	500	461	473	92	95	75-125	3	
Zinc	ug/L	ND	500	500	450	463	90	92	75-125	3	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MPRP/18271
QC Batch Method: EPA 3010
Analysis Method: EPA 6010
Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244337026

METHOD BLANK: 1433743
Matrix: Water
Associated Lab Samples: 92244337026

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Antimony	ug/L	ND	5.0	04/15/15 21:47	
Arsenic	ug/L	ND	10.0	04/15/15 21:47	
Barium	ug/L	ND	5.0	04/15/15 21:47	
Beryllium	ug/L	ND	1.0	04/15/15 21:47	
Cadmium	ug/L	ND	1.0	04/15/15 21:47	
Chromium	ug/L	ND	5.0	04/15/15 21:47	
Cobalt	ug/L	ND	5.0	04/15/15 21:47	
Copper	ug/L	ND	5.0	04/15/15 21:47	
Lead	ug/L	ND	5.0	04/15/15 21:47	
Nickel	ug/L	ND	5.0	04/15/15 21:47	
Selenium	ug/L	ND	10.0	04/15/15 21:47	
Silver	ug/L	ND	5.0	04/15/15 21:47	
Thallium	ug/L	ND	5.4	04/15/15 21:47	
Vanadium	ug/L	ND	5.0	04/15/15 21:47	
Zinc	ug/L	ND	10.0	04/15/15 21:47	

LABORATORY CONTROL SAMPLE: 1433744

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	ug/L	500	475	95	80-120	
Arsenic	ug/L	500	464	93	80-120	
Barium	ug/L	500	500	100	80-120	
Beryllium	ug/L	500	479	96	80-120	
Cadmium	ug/L	500	484	97	80-120	
Chromium	ug/L	500	511	102	80-120	
Cobalt	ug/L	500	496	99	80-120	
Copper	ug/L	500	491	98	80-120	
Lead	ug/L	500	491	98	80-120	
Nickel	ug/L	500	472	94	80-120	
Selenium	ug/L	500	459	92	80-120	
Silver	ug/L	250	242	97	80-120	
Thallium	ug/L	500	452	90	80-120	
Vanadium	ug/L	500	480	96	80-120	
Zinc	ug/L	500	453	91	80-120	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1433745 1433746

Parameter	Units	92244854001 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	481	484	96	97	75-125	0	
Arsenic	ug/L	ND	500	500	471	476	94	95	75-125	1	
Barium	ug/L	20.4	500	500	528	537	102	103	75-125	2	
Beryllium	ug/L	ND	500	500	490	497	98	99	75-125	1	
Cadmium	ug/L	ND	500	500	492	497	98	99	75-125	1	
Chromium	ug/L	ND	500	500	518	532	104	106	75-125	3	
Cobalt	ug/L	ND	500	500	505	512	101	102	75-125	1	
Copper	ug/L	53.5	500	500	498	508	89	91	75-125	2	
Lead	ug/L	13.1	500	500	501	506	98	98	75-125	1	
Nickel	ug/L	ND	500	500	481	487	96	97	75-125	1	
Selenium	ug/L	ND	500	500	468	469	93	94	75-125	0	
Silver	ug/L	ND	250	250	244	249	98	100	75-125	2	
Thallium	ug/L	ND	500	500	460	464	91	92	75-125	1	
Vanadium	ug/L	ND	500	500	488	498	97	99	75-125	2	
Zinc	ug/L	88.7	500	500	470	476	76	77	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MSV/31192 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244337001, 92244337002, 92244337003, 92244337004, 92244337005

METHOD BLANK: 1434050 Matrix: Water
Associated Lab Samples: 92244337001, 92244337002, 92244337003, 92244337004, 92244337005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1-Dichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,1-Dichloroethene	ug/L	ND	1.0	04/14/15 23:13	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/14/15 23:13	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dichloroethane	ug/L	ND	1.0	04/14/15 23:13	
1,2-Dichloropropane	ug/L	ND	1.0	04/14/15 23:13	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/14/15 23:13	
2-Butanone (MEK)	ug/L	ND	5.0	04/14/15 23:13	
2-Hexanone	ug/L	ND	5.0	04/14/15 23:13	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/14/15 23:13	
Acetone	ug/L	ND	25.0	04/14/15 23:13	
Acrylonitrile	ug/L	ND	10.0	04/14/15 23:13	
Benzene	ug/L	ND	1.0	04/14/15 23:13	
Bromochloromethane	ug/L	ND	1.0	04/14/15 23:13	
Bromodichloromethane	ug/L	ND	1.0	04/14/15 23:13	
Bromoform	ug/L	ND	1.0	04/14/15 23:13	
Bromomethane	ug/L	ND	2.0	04/14/15 23:13	
Carbon disulfide	ug/L	ND	2.0	04/14/15 23:13	
Carbon tetrachloride	ug/L	ND	1.0	04/14/15 23:13	
Chlorobenzene	ug/L	ND	1.0	04/14/15 23:13	
Chloroethane	ug/L	ND	1.0	04/14/15 23:13	
Chloroform	ug/L	ND	1.0	04/14/15 23:13	
Chloromethane	ug/L	ND	1.0	04/14/15 23:13	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/14/15 23:13	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/14/15 23:13	
Dibromochloromethane	ug/L	ND	1.0	04/14/15 23:13	
Dibromomethane	ug/L	ND	1.0	04/14/15 23:13	
Ethylbenzene	ug/L	ND	1.0	04/14/15 23:13	
Iodomethane	ug/L	ND	5.0	04/14/15 23:13	
m&p-Xylene	ug/L	ND	2.0	04/14/15 23:13	
Methylene Chloride	ug/L	ND	1.0	04/14/15 23:13	
o-Xylene	ug/L	ND	1.0	04/14/15 23:13	
Styrene	ug/L	ND	1.0	04/14/15 23:13	
Tetrachloroethene	ug/L	ND	1.0	04/14/15 23:13	
Toluene	ug/L	ND	1.0	04/14/15 23:13	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1434050 Matrix: Water
Associated Lab Samples: 92244337001, 92244337002, 92244337003, 92244337004, 92244337005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/14/15 23:13	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/14/15 23:13	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/14/15 23:13	
Trichloroethene	ug/L	ND	1.0	04/14/15 23:13	
Trichlorofluoromethane	ug/L	ND	1.0	04/14/15 23:13	
Vinyl acetate	ug/L	ND	2.0	04/14/15 23:13	
Vinyl chloride	ug/L	ND	1.0	04/14/15 23:13	
Xylene (Total)	ug/L	ND	2.0	04/14/15 23:13	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/14/15 23:13	
4-Bromofluorobenzene (S)	%	102	70-130	04/14/15 23:13	
Toluene-d8 (S)	%	103	70-130	04/14/15 23:13	

LABORATORY CONTROL SAMPLE: 1434051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.9	98	80-125	
1,1,1-Trichloroethane	ug/L	50	50.1	100	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	49.8	100	79-124	
1,1,2-Trichloroethane	ug/L	50	50.0	100	85-125	
1,1-Dichloroethane	ug/L	50	51.1	102	73-126	
1,1-Dichloroethene	ug/L	50	48.1	96	66-135	
1,2,3-Trichloropropane	ug/L	50	49.5	99	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.0	108	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	50.3	101	83-124	
1,2-Dichlorobenzene	ug/L	50	48.3	97	80-133	
1,2-Dichloroethane	ug/L	50	50.8	102	67-128	
1,2-Dichloropropane	ug/L	50	50.0	100	75-132	
1,4-Dichlorobenzene	ug/L	50	46.8	94	78-130	
2-Butanone (MEK)	ug/L	100	102	102	61-144	
2-Hexanone	ug/L	100	110	110	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	101	101	72-135	
Acetone	ug/L	100	107	107	48-146	
Acrylonitrile	ug/L	250	260	104	40-160	
Benzene	ug/L	50	50.8	102	80-125	
Bromochloromethane	ug/L	50	51.6	103	71-125	
Bromodichloromethane	ug/L	50	45.9	92	78-124	
Bromoform	ug/L	50	43.9	88	71-128	
Bromomethane	ug/L	50	54.4	109	40-160	
Carbon disulfide	ug/L	50	49.4	99	50-160	
Carbon tetrachloride	ug/L	50	48.4	97	69-131	
Chlorobenzene	ug/L	50	47.5	95	81-122	
Chloroethane	ug/L	50	49.5	99	39-148	
Chloroform	ug/L	50	46.7	93	73-127	
Chloromethane	ug/L	50	54.5	109	44-146	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1434051

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
cis-1,2-Dichloroethene	ug/L	50	50.0	100	74-124	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	72-132	
Dibromochloromethane	ug/L	50	48.0	96	78-125	
Dibromomethane	ug/L	50	51.0	102	82-120	
Ethylbenzene	ug/L	50	47.3	95	79-121	
Iodomethane	ug/L	100	99.1	99	39-154	
m&p-Xylene	ug/L	100	96.4	96	81-124	
Methylene Chloride	ug/L	50	66.1	132	64-133	
o-Xylene	ug/L	50	47.4	95	79-131	
Styrene	ug/L	50	49.4	99	84-126	
Tetrachloroethene	ug/L	50	45.1	90	78-122	
Toluene	ug/L	50	47.0	94	80-121	
trans-1,2-Dichloroethene	ug/L	50	49.8	100	71-127	
trans-1,3-Dichloropropene	ug/L	50	52.5	105	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	54.2	108	40-160	
Trichloroethene	ug/L	50	48.6	97	78-122	
Trichlorofluoromethane	ug/L	50	49.6	99	53-137	
Vinyl acetate	ug/L	100	111	111	40-160	
Vinyl chloride	ug/L	50	54.3	109	58-137	
Xylene (Total)	ug/L	150	144	96	81-126	
1,2-Dichloroethane-d4 (S)	%			103	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			99	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MSV/31216 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244337015, 92244337016, 92244337017, 92244337018, 92244337019, 92244337020, 92244337026, 92244337027

METHOD BLANK: 1435694 Matrix: Water
Associated Lab Samples: 92244337015, 92244337016, 92244337017, 92244337018, 92244337019, 92244337020, 92244337026, 92244337027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/16/15 04:25	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/16/15 04:25	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/16/15 04:25	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/16/15 04:25	
1,1-Dichloroethane	ug/L	ND	1.0	04/16/15 04:25	
1,1-Dichloroethene	ug/L	ND	1.0	04/16/15 04:25	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/16/15 04:25	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/16/15 04:25	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/16/15 04:25	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/16/15 04:25	
1,2-Dichloroethane	ug/L	ND	1.0	04/16/15 04:25	
1,2-Dichloropropane	ug/L	ND	1.0	04/16/15 04:25	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/16/15 04:25	
2-Butanone (MEK)	ug/L	ND	5.0	04/16/15 04:25	
2-Hexanone	ug/L	ND	5.0	04/16/15 04:25	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/16/15 04:25	
Acetone	ug/L	ND	25.0	04/16/15 04:25	
Acrylonitrile	ug/L	ND	10.0	04/16/15 04:25	
Benzene	ug/L	ND	1.0	04/16/15 04:25	
Bromochloromethane	ug/L	ND	1.0	04/16/15 04:25	
Bromodichloromethane	ug/L	ND	1.0	04/16/15 04:25	
Bromoform	ug/L	ND	1.0	04/16/15 04:25	
Bromomethane	ug/L	ND	2.0	04/16/15 04:25	
Carbon disulfide	ug/L	ND	2.0	04/16/15 04:25	
Carbon tetrachloride	ug/L	ND	1.0	04/16/15 04:25	
Chlorobenzene	ug/L	ND	1.0	04/16/15 04:25	
Chloroethane	ug/L	ND	1.0	04/16/15 04:25	
Chloroform	ug/L	ND	1.0	04/16/15 04:25	
Chloromethane	ug/L	ND	1.0	04/16/15 04:25	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/16/15 04:25	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/16/15 04:25	
Dibromochloromethane	ug/L	ND	1.0	04/16/15 04:25	
Dibromomethane	ug/L	ND	1.0	04/16/15 04:25	
Ethylbenzene	ug/L	ND	1.0	04/16/15 04:25	
Iodomethane	ug/L	ND	5.0	04/16/15 04:25	
m&p-Xylene	ug/L	ND	2.0	04/16/15 04:25	
Methylene Chloride	ug/L	ND	1.0	04/16/15 04:25	
o-Xylene	ug/L	ND	1.0	04/16/15 04:25	
Styrene	ug/L	ND	1.0	04/16/15 04:25	
Tetrachloroethene	ug/L	ND	1.0	04/16/15 04:25	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1435694 Matrix: Water

Associated Lab Samples: 92244337015, 92244337016, 92244337017, 92244337018, 92244337019, 92244337020, 92244337026, 92244337027

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Toluene	ug/L	ND	1.0	04/16/15 04:25	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/16/15 04:25	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/16/15 04:25	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/16/15 04:25	
Trichloroethene	ug/L	ND	1.0	04/16/15 04:25	
Trichlorofluoromethane	ug/L	ND	1.0	04/16/15 04:25	
Vinyl acetate	ug/L	ND	2.0	04/16/15 04:25	
Vinyl chloride	ug/L	ND	1.0	04/16/15 04:25	
Xylene (Total)	ug/L	ND	2.0	04/16/15 04:25	
1,2-Dichloroethane-d4 (S)	%	108	70-130	04/16/15 04:25	
4-Bromofluorobenzene (S)	%	106	70-130	04/16/15 04:25	
Toluene-d8 (S)	%	105	70-130	04/16/15 04:25	

LABORATORY CONTROL SAMPLE: 1435695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	51.0	102	80-125	
1,1,1-Trichloroethane	ug/L	50	53.1	106	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	52.5	105	79-124	
1,1,2-Trichloroethane	ug/L	50	53.1	106	85-125	
1,1-Dichloroethane	ug/L	50	57.0	114	73-126	
1,1-Dichloroethene	ug/L	50	52.7	105	66-135	
1,2,3-Trichloropropane	ug/L	50	53.0	106	75-130	
1,2-Dibromo-3-chloropropane	ug/L	50	57.2	114	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	53.7	107	83-124	
1,2-Dichlorobenzene	ug/L	50	51.3	103	80-133	
1,2-Dichloroethane	ug/L	50	54.7	109	67-128	
1,2-Dichloropropane	ug/L	50	56.0	112	75-132	
1,4-Dichlorobenzene	ug/L	50	51.2	102	78-130	
2-Butanone (MEK)	ug/L	100	114	114	61-144	
2-Hexanone	ug/L	100	125	125	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	122	122	72-135	
Acetone	ug/L	100	119	119	48-146	
Acrylonitrile	ug/L	250	280	112	40-160	
Benzene	ug/L	50	54.4	109	80-125	
Bromochloromethane	ug/L	50	54.4	109	71-125	
Bromodichloromethane	ug/L	50	48.6	97	78-124	
Bromoform	ug/L	50	46.6	93	71-128	
Bromomethane	ug/L	50	44.2	88	40-160	
Carbon disulfide	ug/L	50	52.8	106	50-160	
Carbon tetrachloride	ug/L	50	52.1	104	69-131	
Chlorobenzene	ug/L	50	53.0	106	81-122	
Chloroethane	ug/L	50	52.8	106	39-148	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1435695

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloroform	ug/L	50	51.5	103	73-127	
Chloromethane	ug/L	50	54.5	109	44-146	
cis-1,2-Dichloroethene	ug/L	50	55.1	110	74-124	
cis-1,3-Dichloropropene	ug/L	50	57.4	115	72-132	
Dibromochloromethane	ug/L	50	47.8	96	78-125	
Dibromomethane	ug/L	50	51.4	103	82-120	
Ethylbenzene	ug/L	50	52.0	104	79-121	
Iodomethane	ug/L	100	81.6	82	39-154	
m&p-Xylene	ug/L	100	105	105	81-124	
Methylene Chloride	ug/L	50	72.4	145	64-133	L0
o-Xylene	ug/L	50	50.3	101	79-131	
Styrene	ug/L	50	52.3	105	84-126	
Tetrachloroethene	ug/L	50	47.4	95	78-122	
Toluene	ug/L	50	51.4	103	80-121	
trans-1,2-Dichloroethene	ug/L	50	56.3	113	71-127	
trans-1,3-Dichloropropene	ug/L	50	57.9	116	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	43.0	86	40-160	
Trichloroethene	ug/L	50	49.3	99	78-122	
Trichlorofluoromethane	ug/L	50	66.9	134	53-137	
Vinyl acetate	ug/L	100	124	124	40-160	
Vinyl chloride	ug/L	50	58.4	117	58-137	
Xylene (Total)	ug/L	150	155	103	81-126	
1,2-Dichloroethane-d4 (S)	%			101	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MSV/31256 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244337006, 92244337007, 92244337008, 92244337009, 92244337010, 92244337011, 92244337012, 92244337013, 92244337014, 92244337021

METHOD BLANK: 1438201 Matrix: Water
Associated Lab Samples: 92244337006, 92244337007, 92244337008, 92244337009, 92244337010, 92244337011, 92244337012, 92244337013, 92244337014, 92244337021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/18/15 09:20	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/18/15 09:20	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/18/15 09:20	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/18/15 09:20	
1,1-Dichloroethane	ug/L	ND	1.0	04/18/15 09:20	
1,1-Dichloroethene	ug/L	ND	1.0	04/18/15 09:20	
1,1-Dichloropropene	ug/L	ND	1.0	04/18/15 09:20	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/18/15 09:20	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/18/15 09:20	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/18/15 09:20	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/18/15 09:20	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/18/15 09:20	
1,2-Dichloroethane	ug/L	ND	1.0	04/18/15 09:20	
1,2-Dichloropropane	ug/L	ND	1.0	04/18/15 09:20	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/18/15 09:20	
1,3-Dichloropropane	ug/L	ND	1.0	04/18/15 09:20	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/18/15 09:20	
2,2-Dichloropropane	ug/L	ND	1.0	04/18/15 09:20	
2-Butanone (MEK)	ug/L	ND	5.0	04/18/15 09:20	
2-Hexanone	ug/L	ND	5.0	04/18/15 09:20	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/18/15 09:20	
Acetone	ug/L	ND	25.0	04/18/15 09:20	
Acetonitrile	ug/L	ND	50.0	04/18/15 09:20	
Acrolein	ug/L	ND	10.0	04/18/15 09:20	
Acrylonitrile	ug/L	ND	10.0	04/18/15 09:20	
Allyl chloride	ug/L	ND	2.0	04/18/15 09:20	
Benzene	ug/L	ND	1.0	04/18/15 09:20	
Bromochloromethane	ug/L	ND	1.0	04/18/15 09:20	
Bromodichloromethane	ug/L	ND	1.0	04/18/15 09:20	
Bromoform	ug/L	ND	1.0	04/18/15 09:20	
Bromomethane	ug/L	ND	2.0	04/18/15 09:20	
Carbon disulfide	ug/L	ND	2.0	04/18/15 09:20	
Carbon tetrachloride	ug/L	ND	1.0	04/18/15 09:20	
Chlorobenzene	ug/L	ND	1.0	04/18/15 09:20	
Chloroethane	ug/L	ND	1.0	04/18/15 09:20	
Chloroform	ug/L	ND	1.0	04/18/15 09:20	
Chloromethane	ug/L	ND	1.0	04/18/15 09:20	
Chloroprene	ug/L	ND	5.0	04/18/15 09:20	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/18/15 09:20	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/18/15 09:20	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1438201 Matrix: Water

Associated Lab Samples: 92244337006, 92244337007, 92244337008, 92244337009, 92244337010, 92244337011, 92244337012, 92244337013, 92244337014, 92244337021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromochloromethane	ug/L	ND	1.0	04/18/15 09:20	
Dibromomethane	ug/L	ND	1.0	04/18/15 09:20	
Dichlorodifluoromethane	ug/L	ND	1.0	04/18/15 09:20	
Ethyl methacrylate	ug/L	ND	1.0	04/18/15 09:20	
Ethylbenzene	ug/L	ND	1.0	04/18/15 09:20	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/18/15 09:20	
Iodomethane	ug/L	ND	5.0	04/18/15 09:20	
Isobutanol	ug/L	ND	100	04/18/15 09:20	
m&p-Xylene	ug/L	ND	2.0	04/18/15 09:20	
Methacrylonitrile	ug/L	ND	10.0	04/18/15 09:20	
Methyl methacrylate	ug/L	ND	2.0	04/18/15 09:20	
Methylene Chloride	ug/L	ND	1.0	04/18/15 09:20	
Naphthalene	ug/L	ND	1.0	04/18/15 09:20	
o-Xylene	ug/L	ND	1.0	04/18/15 09:20	
Propionitrile	ug/L	ND	20.0	04/18/15 09:20	
Styrene	ug/L	ND	1.0	04/18/15 09:20	
Tetrachloroethene	ug/L	ND	1.0	04/18/15 09:20	
Toluene	ug/L	ND	1.0	04/18/15 09:20	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/18/15 09:20	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/18/15 09:20	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/18/15 09:20	
Trichloroethene	ug/L	ND	1.0	04/18/15 09:20	
Trichlorofluoromethane	ug/L	ND	1.0	04/18/15 09:20	
Vinyl acetate	ug/L	ND	2.0	04/18/15 09:20	
Vinyl chloride	ug/L	ND	1.0	04/18/15 09:20	
Xylene (Total)	ug/L	ND	2.0	04/18/15 09:20	
1,2-Dichloroethane-d4 (S)	%	102	70-130	04/18/15 09:20	
4-Bromofluorobenzene (S)	%	101	70-130	04/18/15 09:20	
Toluene-d8 (S)	%	101	70-130	04/18/15 09:20	

LABORATORY CONTROL SAMPLE: 1438202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	50.7	101	80-125	
1,1,1-Trichloroethane	ug/L	50	50.1	100	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	50.0	100	79-124	
1,1,2-Trichloroethane	ug/L	50	51.5	103	85-125	
1,1-Dichloroethane	ug/L	50	50.9	102	73-126	
1,1-Dichloroethene	ug/L	50	47.0	94	66-135	
1,1-Dichloropropene	ug/L	50	57.3	115	74-135	
1,2,3-Trichloropropane	ug/L	50	48.4	97	75-130	
1,2,4-Trichlorobenzene	ug/L	50	52.3	105	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	50.4	101	71-133	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1438202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dibromoethane (EDB)	ug/L	50	53.6	107	83-124	
1,2-Dichlorobenzene	ug/L	50	51.6	103	80-133	
1,2-Dichloroethane	ug/L	50	47.1	94	67-128	
1,2-Dichloropropane	ug/L	50	51.4	103	75-132	
1,3-Dichlorobenzene	ug/L	50	50.1	100	77-130	
1,3-Dichloropropane	ug/L	50	52.4	105	76-131	
1,4-Dichlorobenzene	ug/L	50	51.5	103	78-130	
2,2-Dichloropropane	ug/L	50	42.2	84	40-160	
2-Butanone (MEK)	ug/L	100	89.8	90	61-144	
2-Hexanone	ug/L	100	103	103	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	72-135	
Acetone	ug/L	100	96.9	97	48-146	
Acetonitrile	ug/L	500	459	92	62-150	
Acrolein	ug/L	250	208	83	24-160	
Acrylonitrile	ug/L	250	242	97	40-160	
Allyl chloride	ug/L	50	42.4	85	66-137	
Benzene	ug/L	50	52.1	104	80-125	
Bromochloromethane	ug/L	50	58.8	118	71-125	
Bromodichloromethane	ug/L	50	48.7	97	78-124	
Bromoform	ug/L	50	48.1	96	71-128	
Bromomethane	ug/L	50	50.9	102	40-160	
Carbon disulfide	ug/L	50	48.1	96	50-160	
Carbon tetrachloride	ug/L	50	52.2	104	69-131	
Chlorobenzene	ug/L	50	51.5	103	81-122	
Chloroethane	ug/L	50	55.6	111	39-148	
Chloroform	ug/L	50	45.6	91	73-127	
Chloromethane	ug/L	50	57.3	115	44-146	
Chloroprene	ug/L	50	51.2	102	75-145	
cis-1,2-Dichloroethene	ug/L	50	49.8	100	74-124	
cis-1,3-Dichloropropene	ug/L	50	54.1	108	72-132	
Dibromochloromethane	ug/L	50	50.1	100	78-125	
Dibromomethane	ug/L	50	53.5	107	82-120	
Dichlorodifluoromethane	ug/L	50	64.8	130	34-157	
Ethyl methacrylate	ug/L	50	54.6	109	82-121	
Ethylbenzene	ug/L	50	49.9	100	79-121	
Hexachloro-1,3-butadiene	ug/L	50	45.0	90	72-131	
Iodomethane	ug/L	100	90.9	91	39-154	
Isobutanol	ug/L	1000	959	96	34-160	
m&p-Xylene	ug/L	100	104	104	81-124	
Methacrylonitrile	ug/L	500	489	98	74-134	
Methyl methacrylate	ug/L	50	47.1	94	84-124	
Methylene Chloride	ug/L	50	62.5	125	64-133	
Naphthalene	ug/L	50	54.9	110	73-133	
o-Xylene	ug/L	50	51.2	102	79-131	
Propionitrile	ug/L	500	473	95	73-140	
Styrene	ug/L	50	51.7	103	84-126	
Tetrachloroethene	ug/L	50	49.2	98	78-122	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1438202

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Toluene	ug/L	50	50.4	101	80-121	
trans-1,2-Dichloroethene	ug/L	50	46.0	92	71-127	
trans-1,3-Dichloropropene	ug/L	50	53.1	106	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	40.8	82	40-160	
Trichloroethene	ug/L	50	49.8	100	78-122	
Trichlorofluoromethane	ug/L	50	56.9	114	53-137	
Vinyl acetate	ug/L	100	99.4	99	40-160	
Vinyl chloride	ug/L	50	47.7	95	58-137	
Xylene (Total)	ug/L	150	155	104	81-126	
1,2-Dichloroethane-d4 (S)	%			91	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Toluene-d8 (S)	%			102	70-130	

MATRIX SPIKE SAMPLE: 1438204

Parameter	Units	92244337021 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	23.5	117	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	21.5	108	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.5	103	70-130	
1,1-Dichloroethane	ug/L	ND	20	23.2	116	70-130	
1,1-Dichloroethene	ug/L	ND	20	22.0	110	70-166	
1,1-Dichloropropene	ug/L	ND	20	24.7	123	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	19.9	99	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	20.6	103	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	21.0	105	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	22.2	111	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.8	109	70-130	
1,2-Dichloroethane	ug/L	ND	20	20.8	104	70-130	
1,2-Dichloropropane	ug/L	ND	20	21.2	106	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	21.0	105	70-130	
1,3-Dichloropropane	ug/L	ND	20	22.5	112	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.1	105	70-130	
2,2-Dichloropropane	ug/L	ND	20	17.8	89	70-130	
2-Butanone (MEK)	ug/L	ND	40	42.9	107	70-130	
2-Hexanone	ug/L	ND	40	41.3	103	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	41.1	103	70-130	
Acetone	ug/L	ND	40	43.1	108	70-130	
Acetonitrile	ug/L	ND	200	200	100	70-130	
Acrolein	ug/L	ND	100	84.5	84	70-130	
Acrylonitrile	ug/L	ND	100	107	107	70-130	
Allyl chloride	ug/L	ND	20	18.5	93	70-130	
Benzene	ug/L	ND	20	21.8	109	70-148	
Bromochloromethane	ug/L	ND	20	23.8	119	70-130	
Bromodichloromethane	ug/L	ND	20	19.4	97	70-130	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE SAMPLE: 1438204

Parameter	Units	92244337021 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	ND	20	19.0	95	70-130	
Bromomethane	ug/L	ND	20	24.2	121	70-130	
Carbon disulfide	ug/L	ND	20	23.3	117	70-130	
Carbon tetrachloride	ug/L	ND	20	23.2	116	70-130	
Chlorobenzene	ug/L	ND	20	22.3	111	70-146	
Chloroethane	ug/L	ND	20	26.3	132	70-130	M1
Chloroform	ug/L	ND	20	21.0	105	70-130	
Chloromethane	ug/L	ND	20	27.1	135	70-130	M1
Chloroprene	ug/L	ND	20	22.0	110	70-130	
cis-1,2-Dichloroethene	ug/L	ND	20	22.8	114	70-130	
cis-1,3-Dichloropropene	ug/L	ND	20	20.1	100	70-130	
Dibromochloromethane	ug/L	ND	20	19.8	99	70-130	
Dibromomethane	ug/L	ND	20	20.7	103	70-130	
Dichlorodifluoromethane	ug/L	ND	20	28.6	143	70-130	M1
Ethyl methacrylate	ug/L	ND	20	20.0	100	70-130	
Ethylbenzene	ug/L	ND	20	21.1	106	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	23.0	115	70-130	
Iodomethane	ug/L	ND	40	32.9	82	70-130	
Isobutanol	ug/L	ND	400	377	94	70-130	
m&p-Xylene	ug/L	ND	40	41.4	103	70-130	
Methacrylonitrile	ug/L	ND	200	215	107	70-130	
Methyl methacrylate	ug/L	ND	20	16.7	84	70-130	
Methylene Chloride	ug/L	ND	20	23.3	116	70-130	
Naphthalene	ug/L	ND	20	20.5	102	70-130	
o-Xylene	ug/L	ND	20	20.8	104	70-130	
Propionitrile	ug/L	ND	200	202	101	70-130	
Styrene	ug/L	ND	20	18.7	94	70-130	
Tetrachloroethene	ug/L	ND	20	21.9	110	70-130	
Toluene	ug/L	ND	20	20.7	103	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	21.6	108	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	19.9	100	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	17.2	86	70-130	
Trichloroethene	ug/L	ND	20	20.3	101	69-151	
Trichlorofluoromethane	ug/L	ND	20	25.1	125	70-130	
Vinyl acetate	ug/L	ND	40	31.7	79	70-130	
Vinyl chloride	ug/L	ND	20	23.9	120	70-130	
1,2-Dichloroethane-d4 (S)	%				93	70-130	
4-Bromofluorobenzene (S)	%				96	70-130	
Toluene-d8 (S)	%				96	70-130	

SAMPLE DUPLICATE: 1438203

Parameter	Units	92244854005 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		
1,1,1-Trichloroethane	ug/L	ND	ND		

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

SAMPLE DUPLICATE: 1438203

Parameter	Units	92244854005 Result	Dup Result	RPD	Qualifiers
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		
Isobutanol	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

SAMPLE DUPLICATE: 1438203

Parameter	Units	92244854005 Result	Dup Result	RPD	Qualifiers
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)	%	102	106	4	
4-Bromofluorobenzene (S)	%	102	104	1	
Toluene-d8 (S)	%	99	101	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MSV/31293 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244337023, 92244337024, 92244337025

METHOD BLANK: 1439147 Matrix: Water
Associated Lab Samples: 92244337023, 92244337024, 92244337025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/21/15 04:53	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/21/15 04:53	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/21/15 04:53	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/21/15 04:53	
1,1-Dichloroethane	ug/L	ND	1.0	04/21/15 04:53	
1,1-Dichloroethene	ug/L	ND	1.0	04/21/15 04:53	
1,1-Dichloropropene	ug/L	ND	1.0	04/21/15 04:53	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/21/15 04:53	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/21/15 04:53	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/21/15 04:53	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/21/15 04:53	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/21/15 04:53	
1,2-Dichloroethane	ug/L	ND	1.0	04/21/15 04:53	
1,2-Dichloropropane	ug/L	ND	1.0	04/21/15 04:53	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/21/15 04:53	
1,3-Dichloropropane	ug/L	ND	1.0	04/21/15 04:53	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/21/15 04:53	
2,2-Dichloropropane	ug/L	ND	1.0	04/21/15 04:53	
2-Butanone (MEK)	ug/L	ND	5.0	04/21/15 04:53	
2-Hexanone	ug/L	ND	5.0	04/21/15 04:53	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/21/15 04:53	
Acetone	ug/L	ND	25.0	04/21/15 04:53	
Acetonitrile	ug/L	ND	50.0	04/21/15 04:53	
Acrolein	ug/L	ND	10.0	04/21/15 04:53	
Acrylonitrile	ug/L	ND	10.0	04/21/15 04:53	
Allyl chloride	ug/L	ND	2.0	04/21/15 04:53	
Benzene	ug/L	ND	1.0	04/21/15 04:53	
Bromochloromethane	ug/L	ND	1.0	04/21/15 04:53	
Bromodichloromethane	ug/L	ND	1.0	04/21/15 04:53	
Bromoform	ug/L	ND	1.0	04/21/15 04:53	
Bromomethane	ug/L	ND	2.0	04/21/15 04:53	
Carbon disulfide	ug/L	ND	2.0	04/21/15 04:53	
Carbon tetrachloride	ug/L	ND	1.0	04/21/15 04:53	
Chlorobenzene	ug/L	ND	1.0	04/21/15 04:53	
Chloroethane	ug/L	ND	1.0	04/21/15 04:53	
Chloroform	ug/L	ND	1.0	04/21/15 04:53	
Chloromethane	ug/L	ND	1.0	04/21/15 04:53	
Chloroprene	ug/L	ND	5.0	04/21/15 04:53	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/21/15 04:53	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/21/15 04:53	
Dibromochloromethane	ug/L	ND	1.0	04/21/15 04:53	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1439147 Matrix: Water
Associated Lab Samples: 92244337023, 92244337024, 92244337025

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	04/21/15 04:53	
Dichlorodifluoromethane	ug/L	ND	1.0	04/21/15 04:53	
Ethyl methacrylate	ug/L	ND	1.0	04/21/15 04:53	
Ethylbenzene	ug/L	ND	1.0	04/21/15 04:53	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/21/15 04:53	
Iodomethane	ug/L	ND	5.0	04/21/15 04:53	
Isobutanol	ug/L	ND	100	04/21/15 04:53	
m&p-Xylene	ug/L	ND	2.0	04/21/15 04:53	
Methacrylonitrile	ug/L	ND	10.0	04/21/15 04:53	
Methyl methacrylate	ug/L	ND	2.0	04/21/15 04:53	
Methylene Chloride	ug/L	ND	1.0	04/21/15 04:53	
Naphthalene	ug/L	ND	1.0	04/21/15 04:53	
o-Xylene	ug/L	ND	1.0	04/21/15 04:53	
Propionitrile	ug/L	ND	20.0	04/21/15 04:53	
Styrene	ug/L	ND	1.0	04/21/15 04:53	
Tetrachloroethene	ug/L	ND	1.0	04/21/15 04:53	
Toluene	ug/L	ND	1.0	04/21/15 04:53	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/21/15 04:53	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/21/15 04:53	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/21/15 04:53	
Trichloroethene	ug/L	ND	1.0	04/21/15 04:53	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/15 04:53	
Vinyl acetate	ug/L	ND	2.0	04/21/15 04:53	
Vinyl chloride	ug/L	ND	1.0	04/21/15 04:53	
Xylene (Total)	ug/L	ND	2.0	04/21/15 04:53	
1,2-Dichloroethane-d4 (S)	%	100	70-130	04/21/15 04:53	
4-Bromofluorobenzene (S)	%	107	70-130	04/21/15 04:53	
Toluene-d8 (S)	%	99	70-130	04/21/15 04:53	

LABORATORY CONTROL SAMPLE: 1439148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	52.7	105	80-125	
1,1,1-Trichloroethane	ug/L	50	52.4	105	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	51.3	103	79-124	
1,1,2-Trichloroethane	ug/L	50	52.2	104	85-125	
1,1-Dichloroethane	ug/L	50	49.8	100	73-126	
1,1-Dichloroethene	ug/L	50	46.3	93	66-135	
1,1-Dichloropropene	ug/L	50	57.0	114	74-135	
1,2,3-Trichloropropane	ug/L	50	49.6	99	75-130	
1,2,4-Trichlorobenzene	ug/L	50	52.6	105	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	49.7	99	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	55.2	110	83-124	
1,2-Dichlorobenzene	ug/L	50	53.3	107	80-133	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1439148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	48.4	97	67-128	
1,2-Dichloropropane	ug/L	50	49.4	99	75-132	
1,3-Dichlorobenzene	ug/L	50	52.1	104	77-130	
1,3-Dichloropropane	ug/L	50	53.6	107	76-131	
1,4-Dichlorobenzene	ug/L	50	51.4	103	78-130	
2,2-Dichloropropane	ug/L	50	45.7	91	40-160	
2-Butanone (MEK)	ug/L	100	92.4	92	61-144	
2-Hexanone	ug/L	100	106	106	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	72-135	
Acetone	ug/L	100	105	105	48-146	
Acetonitrile	ug/L	500	454	91	62-150	
Acrolein	ug/L	250	210	84	24-160	
Acrylonitrile	ug/L	250	241	97	40-160	
Allyl chloride	ug/L	50	45.6	91	66-137	
Benzene	ug/L	50	52.6	105	80-125	
Bromochloromethane	ug/L	50	61.7	123	71-125	
Bromodichloromethane	ug/L	50	47.9	96	78-124	
Bromoform	ug/L	50	49.6	99	71-128	
Bromomethane	ug/L	50	57.4	115	40-160	
Carbon disulfide	ug/L	50	49.1	98	50-160	
Carbon tetrachloride	ug/L	50	52.2	104	69-131	
Chlorobenzene	ug/L	50	55.4	111	81-122	
Chloroethane	ug/L	50	61.4	123	39-148	
Chloroform	ug/L	50	44.6	89	73-127	
Chloromethane	ug/L	50	59.2	118	44-146	
Chloroprene	ug/L	50	52.4	105	75-145	
cis-1,2-Dichloroethene	ug/L	50	50.6	101	74-124	
cis-1,3-Dichloropropene	ug/L	50	51.8	104	72-132	
Dibromochloromethane	ug/L	50	51.1	102	78-125	
Dibromomethane	ug/L	50	54.7	109	82-120	
Dichlorodifluoromethane	ug/L	50	62.0	124	34-157	
Ethyl methacrylate	ug/L	50	57.5	115	82-121	
Ethylbenzene	ug/L	50	53.0	106	79-121	
Hexachloro-1,3-butadiene	ug/L	50	44.2	88	72-131	
Iodomethane	ug/L	100	112	112	39-154	
Isobutanol	ug/L	1000	995	100	34-160	
m&p-Xylene	ug/L	100	108	108	81-124	
Methacrylonitrile	ug/L	500	511	102	74-134	
Methyl methacrylate	ug/L	50	44.4	89	84-124	
Methylene Chloride	ug/L	50	63.2	126	64-133	
Naphthalene	ug/L	50	55.6	111	73-133	
o-Xylene	ug/L	50	53.4	107	79-131	
Propionitrile	ug/L	500	486	97	73-140	
Styrene	ug/L	50	54.0	108	84-126	
Tetrachloroethene	ug/L	50	51.4	103	78-122	
Toluene	ug/L	50	51.1	102	80-121	
trans-1,2-Dichloroethene	ug/L	50	47.1	94	71-127	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1439148

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	51.9	104	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	42.3	85	40-160	
Trichloroethene	ug/L	50	50.5	101	78-122	
Trichlorofluoromethane	ug/L	50	51.8	104	53-137	
Vinyl acetate	ug/L	100	99.3	99	40-160	
Vinyl chloride	ug/L	50	48.5	97	58-137	
Xylene (Total)	ug/L	150	162	108	81-126	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1439149 1439150

Parameter	Units	92244777006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,1,1,2-Tetrachloroethane	ug/L	ND	20	20	21.9	23.0	109	115	70-130	5	
1,1,1-Trichloroethane	ug/L	ND	20	20	23.3	22.4	116	112	70-130	4	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	20	21.2	21.3	106	107	70-130	1	
1,1,2-Trichloroethane	ug/L	ND	20	20	20.9	21.3	105	107	70-130	2	
1,1-Dichloroethane	ug/L	ND	20	20	23.5	21.3	118	106	70-130	10	
1,1-Dichloroethene	ug/L	ND	20	20	21.5	20.6	107	103	70-166	4	
1,1-Dichloropropene	ug/L	ND	20	20	24.6	24.8	123	124	70-130	1	
1,2,3-Trichloropropane	ug/L	ND	20	20	19.6	20.2	98	101	70-130	3	
1,2,4-Trichlorobenzene	ug/L	ND	20	20	21.5	ND	107	1	70-130		M1
1,2-Dibromo-3-chloropropane	ug/L	ND	20	20	22.4	19.4	112	97	70-130	14	
1,2-Dibromoethane (EDB)	ug/L	ND	20	20	23.3	21.9	116	110	70-130	6	
1,2-Dichlorobenzene	ug/L	ND	20	20	22.5	21.2	112	106	70-130	6	
1,2-Dichloroethane	ug/L	ND	20	20	20.5	20.2	103	101	70-130	1	
1,2-Dichloropropane	ug/L	ND	20	20	20.7	20.2	103	101	70-130	2	
1,3-Dichlorobenzene	ug/L	ND	20	20	21.3	21.1	107	105	70-130	1	
1,3-Dichloropropane	ug/L	ND	20	20	22.1	22.7	110	113	70-130	3	
1,4-Dichlorobenzene	ug/L	ND	20	20	20.6	20.4	103	102	70-130	1	
2,2-Dichloropropane	ug/L	ND	20	20	19.6	19.1	98	96	70-130	2	
2-Butanone (MEK)	ug/L	ND	40	40	41.1	34.0	103	85	70-130	19	
2-Hexanone	ug/L	ND	40	40	42.4	40.5	106	101	70-130	5	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	40	41.4	40.5	104	101	70-130	2	
Acetone	ug/L	ND	40	40	38.1	34.5	95	86	70-130	10	
Acetonitrile	ug/L	ND	200	200	197	182	98	91	70-130	8	
Acrolein	ug/L	ND	100	100	85.3	80.6	85	81	70-130	6	
Acrylonitrile	ug/L	ND	100	100	107	107	107	107	70-130	0	
Allyl chloride	ug/L	ND	20	20	17.9	18.1	90	91	70-130	1	
Benzene	ug/L	ND	20	20	21.9	22.0	110	110	70-148	0	
Bromochloromethane	ug/L	ND	20	20	26.5	24.4	133	122	70-130	8	M1
Bromodichloromethane	ug/L	ND	20	20	19.8	19.5	99	97	70-130	2	
Bromoform	ug/L	ND	20	20	20.0	20.0	100	100	70-130	0	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1439149 1439150

Parameter	Units	92244777006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Bromomethane	ug/L	ND	20	20	30.9	31.2	155	156	70-130	1	M1
Carbon disulfide	ug/L	ND	20	20	22.4	21.5	112	107	70-130	4	
Carbon tetrachloride	ug/L	ND	20	20	23.6	23.0	118	115	70-130	3	
Chlorobenzene	ug/L	ND	20	20	22.5	23.0	112	115	70-146	3	
Chloroethane	ug/L	ND	20	20	26.0	24.9	130	124	70-130	4	
Chloroform	ug/L	ND	20	20	20.6	20.8	103	104	70-130	1	
Chloromethane	ug/L	ND	20	20	23.6	24.1	118	120	70-130	2	
Chloroprene	ug/L	ND	20	20	22.7	23.1	113	115	70-130	2	
cis-1,2-Dichloroethene	ug/L	ND	20	20	22.4	21.6	112	108	70-130	4	
cis-1,3-Dichloropropene	ug/L	ND	20	20	20.6	20.7	103	103	70-130	0	
Dibromochloromethane	ug/L	ND	20	20	21.0	21.1	105	105	70-130	0	
Dibromomethane	ug/L	ND	20	20	22.5	22.1	112	111	70-130	2	
Dichlorodifluoromethane	ug/L	ND	20	20	24.5	23.2	123	116	70-130	5	
Ethyl methacrylate	ug/L	ND	20	20	21.9	21.1	109	106	70-130	3	
Ethylbenzene	ug/L	ND	20	20	21.7	21.6	109	108	70-130	0	
Hexachloro-1,3-butadiene	ug/L	ND	20	20	20.9	20.5	104	103	70-130	2	
Iodomethane	ug/L	ND	40	40	38.0	33.6	95	84	70-130	12	
Isobutanol	ug/L	ND	400	400	376	364	94	91	70-130	3	
m&p-Xylene	ug/L	ND	40	40	43.7	44.8	109	112	70-130	2	
Methacrylonitrile	ug/L	ND	200	200	208	202	104	101	70-130	3	
Methyl methacrylate	ug/L	ND	20	20	17.9	17.8	89	89	70-130	1	
Methylene Chloride	ug/L	ND	20	20	21.7	20.9	108	104	70-130	4	
Naphthalene	ug/L	ND	20	20	23.5	21.5	118	108	70-130	9	
o-Xylene	ug/L	ND	20	20	22.1	22.5	110	112	70-130	2	
Propionitrile	ug/L	ND	200	200	201	194	100	97	70-130	3	
Styrene	ug/L	ND	20	20	21.9	22.5	110	112	70-130	3	
Tetrachloroethene	ug/L	ND	20	20	21.7	21.9	108	109	70-130	1	
Toluene	ug/L	ND	20	20	21.4	20.8	107	104	70-155	3	
trans-1,2-Dichloroethene	ug/L	ND	20	20	20.7	20.6	104	103	70-130	1	
trans-1,3-Dichloropropene	ug/L	ND	20	20	21.1	20.9	105	105	70-130	1	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	20	18.0	17.8	90	89	70-130	1	
Trichloroethene	ug/L	ND	20	20	20.7	20.7	104	103	69-151	0	
Trichlorofluoromethane	ug/L	ND	20	20	25.0	23.9	125	120	70-130	5	
Vinyl acetate	ug/L	ND	40	40	35.1	36.2	88	91	70-130	3	
Vinyl chloride	ug/L	ND	20	20	22.6	22.5	113	113	70-130	0	
1,2-Dichloroethane-d4 (S)	%						95	99	70-130		
4-Bromofluorobenzene (S)	%						104	106	70-130		
Toluene-d8 (S)	%						97	97	70-130		

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Asheville, NC 28804
(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: MSV/31311 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV Low Level Landfill
Associated Lab Samples: 92244337022

METHOD BLANK: 1439944 | Matrix: Water
Associated Lab Samples: 92244337022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	04/21/15 16:24	
1,1,1-Trichloroethane	ug/L	ND	1.0	04/21/15 16:24	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	04/21/15 16:24	
1,1,2-Trichloroethane	ug/L	ND	1.0	04/21/15 16:24	
1,1-Dichloroethane	ug/L	ND	1.0	04/21/15 16:24	
1,1-Dichloroethene	ug/L	ND	1.0	04/21/15 16:24	
1,1-Dichloropropene	ug/L	ND	1.0	04/21/15 16:24	
1,2,3-Trichloropropane	ug/L	ND	1.0	04/21/15 16:24	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	04/21/15 16:24	
1,2-Dibromo-3-chloropropane	ug/L	ND	2.0	04/21/15 16:24	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	04/21/15 16:24	
1,2-Dichlorobenzene	ug/L	ND	1.0	04/21/15 16:24	
1,2-Dichloroethane	ug/L	ND	1.0	04/21/15 16:24	
1,2-Dichloropropane	ug/L	ND	1.0	04/21/15 16:24	
1,3-Dichlorobenzene	ug/L	ND	1.0	04/21/15 16:24	
1,3-Dichloropropane	ug/L	ND	1.0	04/21/15 16:24	
1,4-Dichlorobenzene	ug/L	ND	1.0	04/21/15 16:24	
2,2-Dichloropropane	ug/L	ND	1.0	04/21/15 16:24	
2-Butanone (MEK)	ug/L	ND	5.0	04/21/15 16:24	
2-Hexanone	ug/L	ND	5.0	04/21/15 16:24	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	04/21/15 16:24	
Acetone	ug/L	ND	25.0	04/21/15 16:24	
Acetonitrile	ug/L	ND	50.0	04/21/15 16:24	
Acrolein	ug/L	ND	10.0	04/21/15 16:24	
Acrylonitrile	ug/L	ND	10.0	04/21/15 16:24	
Allyl chloride	ug/L	ND	2.0	04/21/15 16:24	
Benzene	ug/L	ND	1.0	04/21/15 16:24	
Bromochloromethane	ug/L	ND	1.0	04/21/15 16:24	
Bromodichloromethane	ug/L	ND	1.0	04/21/15 16:24	
Bromoform	ug/L	ND	1.0	04/21/15 16:24	
Bromomethane	ug/L	ND	2.0	04/21/15 16:24	
Carbon disulfide	ug/L	ND	2.0	04/21/15 16:24	
Carbon tetrachloride	ug/L	ND	1.0	04/21/15 16:24	
Chlorobenzene	ug/L	ND	1.0	04/21/15 16:24	
Chloroethane	ug/L	ND	1.0	04/21/15 16:24	
Chloroform	ug/L	ND	1.0	04/21/15 16:24	
Chloromethane	ug/L	ND	1.0	04/21/15 16:24	
Chloroprene	ug/L	ND	5.0	04/21/15 16:24	
cis-1,2-Dichloroethene	ug/L	ND	1.0	04/21/15 16:24	
cis-1,3-Dichloropropene	ug/L	ND	1.0	04/21/15 16:24	
Dibromochloromethane	ug/L	ND	1.0	04/21/15 16:24	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1439944 Matrix: Water
Associated Lab Samples: 92244337022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	04/21/15 16:24	
Dichlorodifluoromethane	ug/L	ND	1.0	04/21/15 16:24	
Ethyl methacrylate	ug/L	ND	1.0	04/21/15 16:24	
Ethylbenzene	ug/L	ND	1.0	04/21/15 16:24	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	04/21/15 16:24	
Iodomethane	ug/L	ND	5.0	04/21/15 16:24	
Isobutanol	ug/L	ND	100	04/21/15 16:24	
m&p-Xylene	ug/L	ND	2.0	04/21/15 16:24	
Methacrylonitrile	ug/L	ND	10.0	04/21/15 16:24	
Methyl methacrylate	ug/L	ND	2.0	04/21/15 16:24	
Methylene Chloride	ug/L	ND	1.0	04/21/15 16:24	
Naphthalene	ug/L	ND	1.0	04/21/15 16:24	
o-Xylene	ug/L	ND	1.0	04/21/15 16:24	
Propionitrile	ug/L	ND	20.0	04/21/15 16:24	
Styrene	ug/L	ND	1.0	04/21/15 16:24	
Tetrachloroethene	ug/L	ND	1.0	04/21/15 16:24	
Toluene	ug/L	ND	1.0	04/21/15 16:24	
trans-1,2-Dichloroethene	ug/L	ND	1.0	04/21/15 16:24	
trans-1,3-Dichloropropene	ug/L	ND	1.0	04/21/15 16:24	
trans-1,4-Dichloro-2-butene	ug/L	ND	1.0	04/21/15 16:24	
Trichloroethene	ug/L	ND	1.0	04/21/15 16:24	
Trichlorofluoromethane	ug/L	ND	1.0	04/21/15 16:24	
Vinyl acetate	ug/L	ND	2.0	04/21/15 16:24	
Vinyl chloride	ug/L	ND	1.0	04/21/15 16:24	
Xylene (Total)	ug/L	ND	2.0	04/21/15 16:24	
1,2-Dichloroethane-d4 (S)	%	103	70-130	04/21/15 16:24	
4-Bromofluorobenzene (S)	%	103	70-130	04/21/15 16:24	
Toluene-d8 (S)	%	100	70-130	04/21/15 16:24	

LABORATORY CONTROL SAMPLE: 1439945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.5	107	80-125	
1,1,1-Trichloroethane	ug/L	50	48.9	98	71-129	
1,1,2,2-Tetrachloroethane	ug/L	50	52.1	104	79-124	
1,1,2-Trichloroethane	ug/L	50	54.6	109	85-125	
1,1-Dichloroethane	ug/L	50	49.3	99	73-126	
1,1-Dichloroethene	ug/L	50	44.9	90	66-135	
1,1-Dichloropropene	ug/L	50	56.7	113	74-135	
1,2,3-Trichloropropane	ug/L	50	49.3	99	75-130	
1,2,4-Trichlorobenzene	ug/L	50	52.1	104	75-134	
1,2-Dibromo-3-chloropropane	ug/L	50	50.3	101	71-133	
1,2-Dibromoethane (EDB)	ug/L	50	55.2	110	83-124	
1,2-Dichlorobenzene	ug/L	50	54.1	108	80-133	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1439945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethane	ug/L	50	47.2	94	67-128	
1,2-Dichloropropane	ug/L	50	49.8	100	75-132	
1,3-Dichlorobenzene	ug/L	50	52.2	104	77-130	
1,3-Dichloropropane	ug/L	50	53.7	107	76-131	
1,4-Dichlorobenzene	ug/L	50	52.6	105	78-130	
2,2-Dichloropropane	ug/L	50	46.9	94	40-160	
2-Butanone (MEK)	ug/L	100	93.4	93	61-144	
2-Hexanone	ug/L	100	110	110	68-143	
4-Methyl-2-pentanone (MIBK)	ug/L	100	110	110	72-135	
Acetone	ug/L	100	101	101	48-146	
Acetonitrile	ug/L	500	438	88	62-150	
Acrolein	ug/L	250	223	89	24-160	
Acrylonitrile	ug/L	250	239	96	40-160	
Allyl chloride	ug/L	50	42.7	85	66-137	
Benzene	ug/L	50	52.0	104	80-125	
Bromochloromethane	ug/L	50	57.5	115	71-125	
Bromodichloromethane	ug/L	50	47.9	96	78-124	
Bromoform	ug/L	50	49.7	99	71-128	
Bromomethane	ug/L	50	58.0	116	40-160	
Carbon disulfide	ug/L	50	49.8	100	50-160	
Carbon tetrachloride	ug/L	50	51.7	103	69-131	
Chlorobenzene	ug/L	50	54.7	109	81-122	
Chloroethane	ug/L	50	60.2	120	39-148	
Chloroform	ug/L	50	44.8	90	73-127	
Chloromethane	ug/L	50	60.3	121	44-146	
Chloroprene	ug/L	50	50.8	102	75-145	
cis-1,2-Dichloroethene	ug/L	50	48.9	98	74-124	
cis-1,3-Dichloropropene	ug/L	50	54.9	110	72-132	
Dibromochloromethane	ug/L	50	50.9	102	78-125	
Dibromomethane	ug/L	50	55.6	111	82-120	
Dichlorodifluoromethane	ug/L	50	68.7	137	34-157	
Ethyl methacrylate	ug/L	50	55.6	111	82-121	
Ethylbenzene	ug/L	50	52.3	105	79-121	
Hexachloro-1,3-butadiene	ug/L	50	48.5	97	72-131	
Iodomethane	ug/L	100	112	112	39-154	
Isobutanol	ug/L	1000	964	96	34-160	
m&p-Xylene	ug/L	100	111	111	81-124	
Methacrylonitrile	ug/L	500	521	104	74-134	
Methyl methacrylate	ug/L	50	47.4	95	84-124	
Methylene Chloride	ug/L	50	58.7	117	64-133	
Naphthalene	ug/L	50	54.8	110	73-133	
o-Xylene	ug/L	50	53.9	108	79-131	
Propionitrile	ug/L	500	497	99	73-140	
Styrene	ug/L	50	54.5	109	84-126	
Tetrachloroethene	ug/L	50	52.7	105	78-122	
Toluene	ug/L	50	50.9	102	80-121	
trans-1,2-Dichloroethene	ug/L	50	47.8	96	71-127	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1439945

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	53.3	107	69-141	
trans-1,4-Dichloro-2-butene	ug/L	50	46.5	93	40-160	
Trichloroethene	ug/L	50	51.2	102	78-122	
Trichlorofluoromethane	ug/L	50	54.7	109	53-137	
Vinyl acetate	ug/L	100	102	102	40-160	
Vinyl chloride	ug/L	50	48.9	98	58-137	
Xylene (Total)	ug/L	150	165	110	81-126	
1,2-Dichloroethane-d4 (S)	%			89	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Toluene-d8 (S)	%			97	70-130	

MATRIX SPIKE SAMPLE: 1439947

Parameter	Units	92245049006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	20	23.4	117	70-130	
1,1,1-Trichloroethane	ug/L	ND	20	24.1	121	70-130	
1,1,2,2-Tetrachloroethane	ug/L	ND	20	22.4	112	70-130	
1,1,2-Trichloroethane	ug/L	ND	20	20.8	104	70-130	
1,1-Dichloroethane	ug/L	ND	20	23.8	119	70-130	
1,1-Dichloroethene	ug/L	ND	20	22.7	114	70-166	
1,1-Dichloropropene	ug/L	ND	20	25.3	127	70-130	
1,2,3-Trichloropropane	ug/L	ND	20	20.3	101	70-130	
1,2,4-Trichlorobenzene	ug/L	ND	20	21.1	106	70-130	
1,2-Dibromo-3-chloropropane	ug/L	ND	20	19.7	99	70-130	
1,2-Dibromoethane (EDB)	ug/L	ND	20	22.1	110	70-130	
1,2-Dichlorobenzene	ug/L	ND	20	21.5	108	70-130	
1,2-Dichloroethane	ug/L	ND	20	19.9	99	70-130	
1,2-Dichloropropane	ug/L	ND	20	20.3	101	70-130	
1,3-Dichlorobenzene	ug/L	ND	20	21.9	109	70-130	
1,3-Dichloropropane	ug/L	ND	20	22.5	113	70-130	
1,4-Dichlorobenzene	ug/L	ND	20	21.0	105	70-130	
2,2-Dichloropropane	ug/L	ND	20	19.6	98	70-130	
2-Butanone (MEK)	ug/L	ND	40	42.0	105	70-130	
2-Hexanone	ug/L	ND	40	43.0	108	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	40	42.7	107	70-130	
Acetone	ug/L	ND	40	40.5	101	70-130	
Acetonitrile	ug/L	ND	200	206	103	70-130	
Acrolein	ug/L	ND	100	78.1	78	70-130	
Acrylonitrile	ug/L	ND	100	101	101	70-130	
Allyl chloride	ug/L	ND	20	19.8	99	70-130	
Benzene	ug/L	ND	20	22.6	113	70-148	
Bromochloromethane	ug/L	ND	20	26.7	134	70-130	M1
Bromodichloromethane	ug/L	ND	20	19.8	99	70-130	
Bromoform	ug/L	ND	20	19.5	98	70-130	
Bromomethane	ug/L	ND	20	5.3	27	70-130	M1

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE SAMPLE: 1439947

Parameter	Units	92245049006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Carbon disulfide	ug/L	ND	20	24.0	120	70-130	
Carbon tetrachloride	ug/L	ND	20	24.3	122	70-130	
Chlorobenzene	ug/L	ND	20	23.5	117	70-146	
Chloroethane	ug/L	ND	20	29.4	147	70-130	M1
Chloroform	ug/L	ND	20	21.0	105	70-130	
Chloromethane	ug/L	ND	20	20.1	101	70-130	
Chloroprene	ug/L	ND	20	24.3	122	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	101	70-130	
Dibromochloromethane	ug/L	ND	20	21.2	106	70-130	
Dibromomethane	ug/L	ND	20	21.7	108	70-130	
Dichlorodifluoromethane	ug/L	ND	20	27.5	138	70-130	M1
Ethyl methacrylate	ug/L	ND	20	21.4	107	70-130	
Ethylbenzene	ug/L	ND	20	22.7	114	70-130	
Hexachloro-1,3-butadiene	ug/L	ND	20	21.1	105	70-130	
Iodomethane	ug/L	ND	40	23.1	58	70-130	M1
Isobutanol	ug/L	ND	400	360	90	70-130	
m&p-Xylene	ug/L	ND	40	46.1	115	70-130	
Methacrylonitrile	ug/L	ND	200	220	110	70-130	
Methyl methacrylate	ug/L	ND	20	17.0	85	70-130	
Methylene Chloride	ug/L	ND	20	24.1	121	70-130	
Naphthalene	ug/L	ND	20	20.8	104	70-130	
o-Xylene	ug/L	ND	20	22.2	111	70-130	
Propionitrile	ug/L	ND	200	209	104	70-130	
Styrene	ug/L	ND	20	22.6	113	70-130	
Tetrachloroethene	ug/L	ND	20	22.2	111	70-130	
Toluene	ug/L	ND	20	22.2	111	70-155	
trans-1,2-Dichloroethene	ug/L	ND	20	23.6	118	70-130	
trans-1,3-Dichloropropene	ug/L	ND	20	20.7	103	70-130	
trans-1,4-Dichloro-2-butene	ug/L	ND	20	15.4	77	70-130	
Trichloroethene	ug/L	ND	20	21.6	108	69-151	
Trichlorofluoromethane	ug/L	ND	20	25.4	127	70-130	
Vinyl acetate	ug/L	ND	40	37.8	94	70-130	
Vinyl chloride	ug/L	ND	20	22.9	114	70-130	
1,2-Dichloroethane-d4 (S)	%				98	70-130	
4-Bromofluorobenzene (S)	%				103	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 1439946

Parameter	Units	92245049005 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		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

SAMPLE DUPLICATE: 1439946

Parameter	Units	92245049005 Result	Dup Result	RPD	Qualifiers
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		
Isobutanol	ug/L	ND	ND		
m&p-Xylene	ug/L	ND	ND		
Methacrylonitrile	ug/L	ND	ND		
Methyl methacrylate	ug/L	ND	ND		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

SAMPLE DUPLICATE: 1439946

Parameter	Units	92245049005 Result	Dup Result	RPD	Qualifiers
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	100	0	
4-Bromofluorobenzene (S)	%	104	106	1	
Toluene-d8 (S)	%	100	98	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: OEXT/34483 Analysis Method: EPA 8081
QC Batch Method: EPA 3510 Analysis Description: 8081A GCS Pesticides
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1441149 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
4,4'-DDD	ug/L	ND	0.050	04/23/15 16:30	
4,4'-DDE	ug/L	ND	0.050	04/23/15 16:30	
4,4'-DDT	ug/L	ND	0.050	04/23/15 16:30	
Aldrin	ug/L	ND	0.050	04/23/15 16:30	
alpha-BHC	ug/L	ND	0.050	04/23/15 16:30	
beta-BHC	ug/L	ND	0.050	04/23/15 16:30	
Chlordane (Technical)	ug/L	ND	0.20	04/23/15 16:30	
delta-BHC	ug/L	ND	0.050	04/23/15 16:30	
Dieldrin	ug/L	ND	0.050	04/23/15 16:30	
Endosulfan I	ug/L	ND	0.050	04/23/15 16:30	
Endosulfan II	ug/L	ND	0.050	04/23/15 16:30	
Endosulfan sulfate	ug/L	ND	0.050	04/23/15 16:30	
Endrin	ug/L	ND	0.050	04/23/15 16:30	
Endrin aldehyde	ug/L	ND	0.050	04/23/15 16:30	
gamma-BHC (Lindane)	ug/L	ND	0.050	04/23/15 16:30	
Heptachlor	ug/L	ND	0.050	04/23/15 16:30	
Heptachlor epoxide	ug/L	ND	0.050	04/23/15 16:30	
Methoxychlor	ug/L	ND	0.15	04/23/15 16:30	
Toxaphene	ug/L	ND	0.20	04/23/15 16:30	
Decachlorobiphenyl (S)	%	69	20-130	04/23/15 16:30	
Tetrachloro-m-xylene (S)	%	57	20-130	04/23/15 16:30	

LABORATORY CONTROL SAMPLE & LCSD: 1441150 1441151

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
4,4'-DDD	ug/L	.25	0.18	0.20	74	80	20-150	8	30	
4,4'-DDE	ug/L	.25	0.16	0.18	66	72	20-150	9	30	
4,4'-DDT	ug/L	.25	0.18	0.20	75	80	20-150	7	30	
Aldrin	ug/L	.25	0.12	0.14	50	57	20-150	12	30	
alpha-BHC	ug/L	.25	0.14	0.15	57	62	20-150	9	30	
beta-BHC	ug/L	.25	0.17	0.18	67	73	20-150	9	30	
delta-BHC	ug/L	.25	0.17	0.19	70	78	20-150	10	30	
Dieldrin	ug/L	.25	0.17	0.18	67	74	20-150	10	30	
Endosulfan I	ug/L	.25	0.16	0.17	63	70	20-150	10	30	
Endosulfan II	ug/L	.25	0.18	0.20	74	80	20-150	7	30	
Endosulfan sulfate	ug/L	.25	0.19	0.20	76	80	20-150	6	30	
Endrin	ug/L	.25	0.18	0.20	73	79	20-150	9	30	
Endrin aldehyde	ug/L	.25	0.14	0.16	57	63	20-150	10	30	
gamma-BHC (Lindane)	ug/L	.25	0.15	0.16	59	64	20-150	9	30	
Heptachlor	ug/L	.25	0.13	0.15	53	59	20-150	11	30	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE & LCSD: 1441150 1441151

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Heptachlor epoxide	ug/L	.25	0.16	0.18	63	71	20-150	12	30	
Methoxychlor	ug/L	.74	0.56	0.60	76	80	20-150	6	30	
Decachlorobiphenyl (S)	%				63	63	20-130			
Tetrachloro-m-xylene (S)	%				56	60	20-130			

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: OEXT/34342 Analysis Method: EPA 8082
QC Batch Method: EPA 3510 Analysis Description: 8082 GCS PCB
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1437076 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	ND	0.50	04/17/15 15:06	
PCB-1221 (Aroclor 1221)	ug/L	ND	0.50	04/17/15 15:06	
PCB-1232 (Aroclor 1232)	ug/L	ND	0.50	04/17/15 15:06	
PCB-1242 (Aroclor 1242)	ug/L	ND	0.50	04/17/15 15:06	
PCB-1248 (Aroclor 1248)	ug/L	ND	0.50	04/17/15 15:06	
PCB-1254 (Aroclor 1254)	ug/L	ND	0.50	04/17/15 15:06	
PCB-1260 (Aroclor 1260)	ug/L	ND	0.50	04/17/15 15:06	
Decachlorobiphenyl (S)	%	46	10-132	04/17/15 15:06	

LABORATORY CONTROL SAMPLE: 1437077

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	5	3.0	59	50-150	
PCB-1260 (Aroclor 1260)	ug/L	5	3.6	72	50-150	
Decachlorobiphenyl (S)	%			43	10-132	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1437078 1437079

Parameter	Units	92244337022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
PCB-1016 (Aroclor 1016)	ug/L	ND	10	10	7.9	9.1	79	91	50-150	14	
PCB-1260 (Aroclor 1260)	ug/L	ND	10	10	7.2	7.7	72	77	50-150	7	
Decachlorobiphenyl (S)	%						51	63	10-132		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: OEXT/21797 Analysis Method: EPA 8151
QC Batch Method: EPA 8151 Analysis Description: 8151A GCS Herbicides
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1181224 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
2,4,5-T	ug/L	ND	0.19	04/13/15 17:35	
2,4,5-TP (Silvex)	ug/L	ND	0.19	04/13/15 17:35	
2,4-D	ug/L	ND	0.94	04/13/15 17:35	
Dinoseb	ug/L	ND	0.19	04/13/15 17:35	
2,4-DCAA (S)	%	59	36-130	04/13/15 17:35	

LABORATORY CONTROL SAMPLE & LCSD: 1181225 1181461

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,4,5-T	ug/L	1.2	0.94	1.0	78	86	40-130	9	40	
2,4,5-TP (Silvex)	ug/L	1.2	1.0	1.1	84	90	58-130	7	40	
2,4-D	ug/L	6	4.6	5.2	76	87	42-134	13	40	
Dinoseb	ug/L	1.2	0.83	1.1	69	88	10-157	24	40	
2,4-DCAA (S)	%				73	78	36-130			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1181838 1181839

Parameter	Units	92244777006 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	ND	1.2	1.2	0.97	0.88	80	73	40-130	10	
2,4,5-TP (Silvex)	ug/L	ND	1.2	1.2	1.0	0.91	85	75	58-130	13	
2,4-D	ug/L	ND	6	6	5.1	4.6	84	77	42-134	9	
Dinoseb	ug/L	ND	1.2	1.2	0.66	0.49	54	41	10-157	29	
2,4-DCAA (S)	%						72	65	36-130		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: OEXT/34261 Analysis Method: EPA 8270
QC Batch Method: EPA 3510 Analysis Description: 8270 Water MSSV
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1434268 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
1,2,4-Trichlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
1,2-Dichlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
1,3,5-Trinitrobenzene	ug/L	ND	10.0	04/15/15 16:34	
1,3-Dichlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
1,3-Dinitrobenzene	ug/L	ND	20.0	04/15/15 16:34	
1,4-Dichlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
1,4-Naphthoquinone	ug/L	ND	5.0	04/15/15 16:34	
1-Naphthalenamine	ug/L	ND	5.0	04/15/15 16:34	
2,3,4,6-Tetrachlorophenol	ug/L	ND	10.0	04/15/15 16:34	
2,4,5-Trichlorophenol	ug/L	ND	10.0	04/15/15 16:34	
2,4,6-Trichlorophenol	ug/L	ND	10.0	04/15/15 16:34	
2,4-Dichlorophenol	ug/L	ND	10.0	04/15/15 16:34	
2,4-Dimethylphenol	ug/L	ND	10.0	04/15/15 16:34	
2,4-Dinitrophenol	ug/L	ND	50.0	04/15/15 16:34	
2,4-Dinitrotoluene	ug/L	ND	10.0	04/15/15 16:34	
2,6-Dichlorophenol	ug/L	ND	10.0	04/15/15 16:34	
2,6-Dinitrotoluene	ug/L	ND	10.0	04/15/15 16:34	
2-Acetylaminofluorene	ug/L	ND	20.0	04/15/15 16:34	
2-Chloronaphthalene	ug/L	ND	10.0	04/15/15 16:34	
2-Chlorophenol	ug/L	ND	10.0	04/15/15 16:34	
2-Methylnaphthalene	ug/L	ND	10.0	04/15/15 16:34	
2-Methylphenol(o-Cresol)	ug/L	ND	10.0	04/15/15 16:34	
2-Naphthalenamine	ug/L	ND	5.0	04/15/15 16:34	
2-Nitroaniline	ug/L	ND	50.0	04/15/15 16:34	
2-Nitrophenol	ug/L	ND	10.0	04/15/15 16:34	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	10.0	04/15/15 16:34	
3,3'-Dichlorobenzidine	ug/L	ND	20.0	04/15/15 16:34	
3,3'-Dimethylbenzidine	ug/L	ND	10.0	04/15/15 16:34	
3-Methylcholanthrene	ug/L	ND	10.0	04/15/15 16:34	
3-Nitroaniline	ug/L	ND	50.0	04/15/15 16:34	
4,6-Dinitro-2-methylphenol	ug/L	ND	20.0	04/15/15 16:34	
4-Aminobiphenyl	ug/L	ND	10.0	04/15/15 16:34	
4-Bromophenylphenyl ether	ug/L	ND	10.0	04/15/15 16:34	
4-Chloro-3-methylphenol	ug/L	ND	20.0	04/15/15 16:34	
4-Chloroaniline	ug/L	ND	20.0	04/15/15 16:34	
4-Chlorophenylphenyl ether	ug/L	ND	10.0	04/15/15 16:34	
4-Nitroaniline	ug/L	ND	20.0	04/15/15 16:34	
4-Nitrophenol	ug/L	ND	50.0	04/15/15 16:34	
5-Nitro-o-toluidine	ug/L	ND	10.0	04/15/15 16:34	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	10.0	04/15/15 16:34	

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1434268 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Acenaphthene	ug/L	ND	10.0	04/15/15 16:34	
Acenaphthylene	ug/L	ND	10.0	04/15/15 16:34	
Acetophenone	ug/L	ND	10.0	04/15/15 16:34	
Anthracene	ug/L	ND	10.0	04/15/15 16:34	
Benzo(a)anthracene	ug/L	ND	10.0	04/15/15 16:34	
Benzo(a)pyrene	ug/L	ND	10.0	04/15/15 16:34	
Benzo(b)fluoranthene	ug/L	ND	10.0	04/15/15 16:34	
Benzo(g,h,i)perylene	ug/L	ND	10.0	04/15/15 16:34	
Benzo(k)fluoranthene	ug/L	ND	10.0	04/15/15 16:34	
Benzyl alcohol	ug/L	ND	20.0	04/15/15 16:34	
bis(2-Chloroethoxy)methane	ug/L	ND	10.0	04/15/15 16:34	
bis(2-Chloroethyl) ether	ug/L	ND	10.0	04/15/15 16:34	
bis(2-Chloroisopropyl) ether	ug/L	ND	10.0	04/15/15 16:34	
bis(2-Ethylhexyl)phthalate	ug/L	ND	6.0	04/15/15 16:34	
Butylbenzylphthalate	ug/L	ND	10.0	04/15/15 16:34	
Chlorobenzilate	ug/L	ND	10.0	04/15/15 16:34	
Chrysene	ug/L	ND	10.0	04/15/15 16:34	
Di-n-butylphthalate	ug/L	ND	10.0	04/15/15 16:34	
Di-n-octylphthalate	ug/L	ND	10.0	04/15/15 16:34	
Diallate	ug/L	ND	10.0	04/15/15 16:34	
Dibenz(a,h)anthracene	ug/L	ND	10.0	04/15/15 16:34	
Dibenzofuran	ug/L	ND	10.0	04/15/15 16:34	
Diethylphthalate	ug/L	ND	10.0	04/15/15 16:34	
Dimethoate	ug/L	ND	10.0	04/15/15 16:34	
Dimethylphthalate	ug/L	ND	10.0	04/15/15 16:34	
Diphenylamine	ug/L	ND	10.0	04/15/15 16:34	
Disulfoton	ug/L	ND	10.0	04/15/15 16:34	
Ethyl methanesulfonate	ug/L	ND	20.0	04/15/15 16:34	
Famphur	ug/L	ND	10.0	04/15/15 16:34	
Fluoranthene	ug/L	ND	10.0	04/15/15 16:34	
Fluorene	ug/L	ND	10.0	04/15/15 16:34	
Hexachloro-1,3-butadiene	ug/L	ND	10.0	04/15/15 16:34	
Hexachlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
Hexachlorocyclopentadiene	ug/L	ND	10.0	04/15/15 16:34	
Hexachloroethane	ug/L	ND	10.0	04/15/15 16:34	
Hexachloropropene	ug/L	ND	10.0	04/15/15 16:34	
Indeno(1,2,3-cd)pyrene	ug/L	ND	10.0	04/15/15 16:34	
Isodrin	ug/L	ND	20.0	04/15/15 16:34	
Isophorone	ug/L	ND	10.0	04/15/15 16:34	
Isosafrole	ug/L	ND	10.0	04/15/15 16:34	
Kepone	ug/L	ND	10.0	04/15/15 16:34	
Methapyrilene	ug/L	ND	50.0	04/15/15 16:34	
Methyl methanesulfonate	ug/L	ND	5.0	04/15/15 16:34	
Methyl parathion	ug/L	ND	10.0	04/15/15 16:34	
N-Nitroso-di-n-butylamine	ug/L	ND	10.0	04/15/15 16:34	

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

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

METHOD BLANK: 1434268 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
N-Nitroso-di-n-propylamine	ug/L	ND	10.0	04/15/15 16:34	
N-Nitrosodiethylamine	ug/L	ND	20.0	04/15/15 16:34	
N-Nitrosodimethylamine	ug/L	ND	10.0	04/15/15 16:34	
N-Nitrosodiphenylamine	ug/L	ND	10.0	04/15/15 16:34	
N-Nitrosomethylethylamine	ug/L	ND	10.0	04/15/15 16:34	
N-Nitrosopiperidine	ug/L	ND	20.0	04/15/15 16:34	
N-Nitrosopyrrolidine	ug/L	ND	10.0	04/15/15 16:34	
Naphthalene	ug/L	ND	10.0	04/15/15 16:34	
Nitrobenzene	ug/L	ND	10.0	04/15/15 16:34	
O,O,O-Triethylphosphorothioate	ug/L	ND	10.0	04/15/15 16:34	
O-Toluidine	ug/L	ND	10.0	04/15/15 16:34	
P-Dimethylaminoazobenzene	ug/L	ND	5.0	04/15/15 16:34	
p-Phenylenediamine	ug/L	ND	10.0	04/15/15 16:34	
Parathion (Ethyl parathion)	ug/L	ND	10.0	04/15/15 16:34	
Pentachlorobenzene	ug/L	ND	10.0	04/15/15 16:34	
Pentachloronitrobenzene	ug/L	ND	20.0	04/15/15 16:34	
Pentachlorophenol	ug/L	ND	25.0	04/15/15 16:34	
Phenacetin	ug/L	ND	20.0	04/15/15 16:34	
Phenanthrene	ug/L	ND	10.0	04/15/15 16:34	
Phenol	ug/L	ND	10.0	04/15/15 16:34	
Phorate	ug/L	ND	10.0	04/15/15 16:34	
Pronamide	ug/L	ND	10.0	04/15/15 16:34	
Pyrene	ug/L	ND	10.0	04/15/15 16:34	
Safrole	ug/L	ND	10.0	04/15/15 16:34	
Thionazin	ug/L	ND	20.0	04/15/15 16:34	
2,4,6-Tribromophenol (S)	%	76	27-110	04/15/15 16:34	
2-Fluorobiphenyl (S)	%	57	27-110	04/15/15 16:34	
2-Fluorophenol (S)	%	32	12-110	04/15/15 16:34	
Nitrobenzene-d5 (S)	%	61	21-110	04/15/15 16:34	
Phenol-d6 (S)	%	22	10-110	04/15/15 16:34	
Terphenyl-d14 (S)	%	84	31-107	04/15/15 16:34	

LABORATORY CONTROL SAMPLE: 1434269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4,5-Tetrachlorobenzene	ug/L	50	31.3	63	16-129	
1,2,4-Trichlorobenzene	ug/L	50	24.0	48	31-120	
1,2-Dichlorobenzene	ug/L	50	27.4	55	38-120	
1,3,5-Trinitrobenzene	ug/L	50	42.4	85	55-125	
1,3-Dichlorobenzene	ug/L	50	25.1	50	30-122	
1,3-Dinitrobenzene	ug/L	50	39.4	79	30-122	
1,4-Dichlorobenzene	ug/L	50	25.4	51	37-120	
1,4-Naphthoquinone	ug/L	50	35.6	71	31-120	
1-Naphthalenamine	ug/L	50	25.0	50	37-126	

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Asheville, NC 28804
(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1434269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,3,4,6-Tetrachlorophenol	ug/L	50	83.2	166	54-276	
2,4,5-Trichlorophenol	ug/L	50	34.7	69	43-113	
2,4,6-Trichlorophenol	ug/L	50	37.1	74	42-120	
2,4-Dichlorophenol	ug/L	50	30.4	61	30-120	
2,4-Dimethylphenol	ug/L	50	26.9	54	29-111	
2,4-Dinitrophenol	ug/L	250	141	56	19-132	
2,4-Dinitrotoluene	ug/L	50	42.8	86	58-128	
2,6-Dichlorophenol	ug/L	50	40.5	81	54-128	
2,6-Dinitrotoluene	ug/L	50	42.1	84	54-129	
2-Acetylaminofluorene	ug/L	50	39.1	78	81-160	L0
2-Chloronaphthalene	ug/L	50	34.8	70	43-117	
2-Chlorophenol	ug/L	50	32.5	65	37-120	
2-Methylnaphthalene	ug/L	50	23.7	47	33-120	
2-Methylphenol(o-Cresol)	ug/L	50	28.9	58	31-120	
2-Naphthalenamine	ug/L	50	35.0	70	41-136	
2-Nitroaniline	ug/L	100	80.6	81	48-121	
2-Nitrophenol	ug/L	50	29.0	58	25-116	
3&4-Methylphenol(m&p Cresol)	ug/L	50	63.0	126	23-120	L0
3,3'-Dichlorobenzidine	ug/L	250	72.4	29	10-154	
3,3'-Dimethylbenzidine	ug/L	100	57.1	57	10-157	
3-Methylcholanthrene	ug/L	50	34.5	69	65-130	
3-Nitroaniline	ug/L	100	76.5	76	43-115	
4,6-Dinitro-2-methylphenol	ug/L	100	79.3	79	44-124	
4-Aminobiphenyl	ug/L	50	11.8	24	21-125	
4-Bromophenylphenyl ether	ug/L	50	38.3	77	34-113	
4-Chloro-3-methylphenol	ug/L	100	64.7	65	31-110	
4-Chloroaniline	ug/L	100	53.7	54	20-120	
4-Chlorophenylphenyl ether	ug/L	50	36.0	72	34-116	
4-Nitroaniline	ug/L	100	84.0	84	46-128	
4-Nitrophenol	ug/L	250	92.6	37	11-120	
5-Nitro-o-toluidine	ug/L	50	40.6	81	78-160	
7,12-Dimethylbenz(a)anthracene	ug/L	50	37.5	75	47-124	
Acenaphthene	ug/L	50	33.7	67	48-114	
Acenaphthylene	ug/L	50	31.7	63	48-112	
Acetophenone	ug/L	50	35.9	72	24-120	
Anthracene	ug/L	50	37.4	75	57-118	
Benzo(a)anthracene	ug/L	50	36.0	72	56-121	
Benzo(a)pyrene	ug/L	50	36.7	73	55-127	
Benzo(b)fluoranthene	ug/L	50	37.3	75	53-128	
Benzo(g,h,i)perylene	ug/L	50	32.0	64	54-125	
Benzo(k)fluoranthene	ug/L	50	37.0	74	51-123	
Benzyl alcohol	ug/L	100	63.0	63	27-120	
bis(2-Chloroethoxy)methane	ug/L	50	34.6	69	32-120	
bis(2-Chloroethyl) ether	ug/L	50	33.3	67	33-111	
bis(2-Chloroisopropyl) ether	ug/L	50	39.4	79	15-120	
bis(2-Ethylhexyl)phthalate	ug/L	50	41.0	82	50-145	
Butylbenzylphthalate	ug/L	50	41.5	83	54-138	

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(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1434269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chlorobenzilate	ug/L	50	43.9	88	65-132	
Chrysene	ug/L	50	36.0	72	58-127	
Di-n-butylphthalate	ug/L	50	52.1	104	56-125	
Di-n-octylphthalate	ug/L	50	37.9	76	50-134	
Diallate	ug/L	50	42.5	85	47-123	
Dibenz(a,h)anthracene	ug/L	50	32.4	65	53-129	
Dibenzofuran	ug/L	50	35.5	71	45-120	
Diethylphthalate	ug/L	50	36.9	74	53-120	
Dimethoate	ug/L	50	36.8	74	57-139	
Dimethylphthalate	ug/L	50	40.3	81	55-116	
Diphenylamine	ug/L	50	34.6	69	42-120	
Disulfoton	ug/L	50	39.7	79	49-156	
Ethyl methanesulfonate	ug/L	50	38.9	78	43-120	
Famphur	ug/L	100	34.3	34	40-160	L0
Fluoranthene	ug/L	50	39.9	80	57-125	
Fluorene	ug/L	50	36.4	73	53-118	
Hexachloro-1,3-butadiene	ug/L	50	22.7	45	23-120	
Hexachlorobenzene	ug/L	50	37.1	74	49-116	
Hexachlorocyclopentadiene	ug/L	50	26.9	54	26-158	
Hexachloroethane	ug/L	50	28.7	57	30-114	
Hexachloropropene	ug/L	50	31.2	62	13-137	
Indeno(1,2,3-cd)pyrene	ug/L	50	32.7	65	55-128	
Isodrin	ug/L	50	40.1	80	68-129	
Isophorone	ug/L	50	28.3	57	31-118	
Isosafrole	ug/L	50	36.2	72	48-107	
Kepone	ug/L	100	38.9	39	10-124	
Methapyrilene	ug/L	50	40.8J	82	40-160	
Methyl methanesulfonate	ug/L	50	26.9	54	25-114	
Methyl parathion	ug/L	50	44.9	90	58-137	
N-Nitroso-di-n-butylamine	ug/L	50	33.8	68	36-115	
N-Nitroso-di-n-propylamine	ug/L	50	38.3	77	32-119	
N-Nitrosodiethylamine	ug/L	50	37.5	75	47-115	
N-Nitrosodimethylamine	ug/L	50	18.8	38	13-120	
N-Nitrosodiphenylamine	ug/L	50	34.6	69	43-120	
N-Nitrosomethylethylamine	ug/L	50	33.1	66	39-120	
N-Nitrosopiperidine	ug/L	50	40.0	80	43-113	
N-Nitrosopyrrolidine	ug/L	50	37.1	74	32-110	
Naphthalene	ug/L	50	24.6	49	32-120	
Nitrobenzene	ug/L	50	27.9	56	33-110	
O,O,O-Triethylphosphorothioate	ug/L	50	42.9	86	51-127	
O-Toluidine	ug/L	50	36.2	72	27-120	
P-Dimethylaminoazobenzene	ug/L	100	20.7	21	10-120	
p-Phenylenediamine	ug/L	50	60.4	121	72-143	
Parathion (Ethyl parathion)	ug/L	50	48.3	97	56-140	
Pentachlorobenzene	ug/L	50	39.2	78	30-137	
Pentachloronitrobenzene	ug/L	50	41.7	83	70-124	
Pentachlorophenol	ug/L	250	85.8	34	10-137	

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(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

LABORATORY CONTROL SAMPLE: 1434269

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenacetin	ug/L	50	45.6	91	60-130	
Phenanthrene	ug/L	50	36.1	72	57-117	
Phenol	ug/L	50	16.1	32	10-120	
Phorate	ug/L	50	42.4	85	55-126	
Pronamide	ug/L	50	41.9	84	75-124	
Pyrene	ug/L	50	36.9	74	55-122	
Safrole	ug/L	50	37.9	76	41-120	
Thionazin	ug/L	50	44.9	90	63-137	
2,4,6-Tribromophenol (S)	%			86	27-110	
2-Fluorobiphenyl (S)	%			59	27-110	
2-Fluorophenol (S)	%			38	12-110	
Nitrobenzene-d5 (S)	%			55	21-110	
Phenol-d6 (S)	%			29	10-110	
Terphenyl-d14 (S)	%			84	31-107	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1434270 1434271

Parameter	Units	92244777006 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	74.3	26.2	74	26	50-150	96	M1,R1
1,2,4-Trichlorobenzene	ug/L	ND	100	100	54.5	9.9J	54	10	10-110		
1,2-Dichlorobenzene	ug/L	ND	100	100	65.0	ND	65	0	10-110		M1
1,3,5-Trinitrobenzene	ug/L	ND	100	100	89.9	68.9	90	69	50-150	26	
1,3-Dichlorobenzene	ug/L	ND	100	100	64.0	ND	64	0	10-110		M1
1,3-Dinitrobenzene	ug/L	ND	100	100	88.5	67.3	89	67	50-150	27	
1,4-Dichlorobenzene	ug/L	ND	100	100	65.9	ND	66	0	10-110		M1
1,4-Naphthoquinone	ug/L	ND	100	100	75.8	53.6	76	54	50-150	34	R1
1-Naphthalenamine	ug/L	ND	100	100	53.1	44.2	53	44	50-150	18	M1
2,3,4,6-Tetrachlorophenol	ug/L	ND	100	100	175	133	175	133	50-150	27	M1
2,4,5-Trichlorophenol	ug/L	ND	100	100	78.2	53.0	78	53	19-105	38	R1
2,4,6-Trichlorophenol	ug/L	ND	100	100	83.0	49.5	83	50	13-108	51	R1
2,4-Dichlorophenol	ug/L	ND	100	100	67.4	27.7	67	28	29-111	83	M1,R1
2,4-Dimethylphenol	ug/L	ND	100	100	62.9	25.6	63	26	21-103	84	R1
2,4-Dinitrophenol	ug/L	ND	500	500	374	295	75	59	10-109	24	
2,4-Dinitrotoluene	ug/L	ND	100	100	94.3	73.5	94	73	27-104	25	
2,6-Dichlorophenol	ug/L	ND	100	100	88.2	37.3	88	37	50-150	81	M1,R1
2,6-Dinitrotoluene	ug/L	ND	100	100	94.9	68.3	95	68	28-101	33	R1
2-Acetylaminofluorene	ug/L	ND	100	100	77.4	61.2	77	61	50-150	23	
2-Chloronaphthalene	ug/L	ND	100	100	80.7	36.1	81	36	14-102	76	R1
2-Chlorophenol	ug/L	ND	100	100	74.0	8.7J	74	9	16-110		M1
2-Methylnaphthalene	ug/L	ND	100	100	53.9	20.5	54	21	13-110	90	R1
2-Methylphenol(o-Cresol)	ug/L	ND	100	100	67.1	16J	67	16	19-110		M1
2-Naphthalenamine	ug/L	ND	100	100	67.7	52.7	68	53	50-150	25	
2-Nitroaniline	ug/L	ND	200	200	183	129	92	65	26-103	35	R1
2-Nitrophenol	ug/L	ND	100	100	62.7	16.9J	63	17	20-110		M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1434270 1434271

Parameter	Units	92244777006 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	143	36.7	143	37	20-110	118	M0,R1
3,3'-Dichlorobenzidine	ug/L	1.2J	500	500	161	130	32	26	25-112	21	
3,3'-Dimethylbenzidine	ug/L	ND	200	200	76.4	88.0	38	44	50-150	14	M1
3-Methylcholanthrene	ug/L	0.38J	100	100	74.0	63.8	74	63	50-150	15	
3-Nitroaniline	ug/L	ND	200	200	175	133	87	67	29-110	27	
4,6-Dinitro-2-methylphenol	ug/L	ND	200	200	170	138	85	69	10-117	21	
4-Aminobiphenyl	ug/L	ND	100	100	43.1	44.7	43	45	50-150	4	M1
4-Bromophenylphenyl ether	ug/L	ND	100	100	84.6	63.5	85	64	20-105	28	
4-Chloro-3-methylphenol	ug/L	ND	200	200	148	101	74	51	22-110	38	R1
4-Chloroaniline	ug/L	ND	200	200	120	56.1	60	28	20-100	72	R1
4-Chlorophenylphenyl ether	ug/L	ND	100	100	82.3	57.0	82	57	19-102	36	R1
4-Nitroaniline	ug/L	ND	200	200	192	150	96	75	29-110	24	
4-Nitrophenol	ug/L	ND	500	500	278	214	56	43	10-110	26	
5-Nitro-o-toluidine	ug/L	ND	100	100	90.5	72.8	91	73	50-150	22	
7,12-Dimethylbenz(a)anthracene	ug/L	ND	100	100	79.1	69.1	79	69	50-150	14	
Acenaphthene	ug/L	ND	100	100	77.1	45.7	77	46	17-100	51	R1
Acenaphthylene	ug/L	ND	100	100	73.1	42.5	73	43	21-100	53	R1
Acetophenone	ug/L	ND	100	100	70.3	15.6J	70	16	50-150		M1
Anthracene	ug/L	ND	100	100	84.4	64.6	84	65	24-109	27	
Benzo(a)anthracene	ug/L	ND	100	100	81.0	64.1	81	64	22-117	23	
Benzo(a)pyrene	ug/L	ND	100	100	81.7	66.8	82	67	23-104	20	
Benzo(b)fluoranthene	ug/L	ND	100	100	81.0	70.4	81	70	23-103	14	
Benzo(g,h,i)perylene	ug/L	1.1J	100	100	72.5	57.6	71	56	18-111	23	
Benzo(k)fluoranthene	ug/L	ND	100	100	83.0	69.4	83	69	22-113	18	
Benzyl alcohol	ug/L	ND	200	200	149	37.5J	74	19	19-101		
bis(2-Chloroethoxy)methane	ug/L	ND	100	100	74.9	24.3	75	24	22-110	102	R1
bis(2-Chloroethyl) ether	ug/L	ND	100	100	72.6	4.6J	73	5	16-110		M1
bis(2-Chloroisopropyl) ether	ug/L	ND	100	100	81.1	6.7J	81	7	14-110		M1
bis(2-Ethylhexyl)phthalate	ug/L	ND	100	100	86.8	70.5	87	71	23-102	21	
Butylbenzylphthalate	ug/L	ND	100	100	93.5	72.2	93	72	25-110	26	
Chlorobenzilate	ug/L	ND	100	100	95.7	76.9	96	77	50-150	22	
Chrysene	ug/L	ND	100	100	80.6	64.7	81	65	23-115	22	
Di-n-butylphthalate	ug/L	1.3J	100	100	94.2	75.6	93	74	26-110	22	
Di-n-octylphthalate	ug/L	ND	100	100	77.1	63.4	77	63	22-110	19	
Diallate	ug/L	ND	100	100	90.2	70.2	90	70	50-150	25	
Dibenz(a,h)anthracene	ug/L	1.1J	100	100	74.5	59.6	73	59	21-112	22	
Dibenzofuran	ug/L	ND	100	100	80.9	51.3	81	51	19-102	45	R1
Diethylphthalate	ug/L	ND	100	100	81.7	62.0	82	62	29-110	27	
Dimethoate	ug/L	ND	100	100	89.0	70.8	89	71	50-150	23	
Dimethylphthalate	ug/L	ND	100	100	90.5	67.8	90	68	27-110	29	
Diphenylamine	ug/L	ND	100	100	78.0	59.0	78	59	50-150	28	
Disulfoton	ug/L	ND	100	100	86.8	69.2	87	69	50-150	22	
Ethyl methanesulfonate	ug/L	ND	100	100	83.8	16J	84	16	50-150		M1
Famphur	ug/L	ND	200	200	166	128	83	64	50-150	26	

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REPORT OF LABORATORY ANALYSIS

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(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1434270 1434271

Parameter	Units	92244777006 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	88.4	69.0	88	69	23-112	25	
Fluorene	ug/L	ND	100	100	82.5	57.5	83	57	22-104	36	R1
Hexachloro-1,3-butadiene	ug/L	ND	100	100	54.6	5.8J	55	6	10-110		M1
Hexachlorobenzene	ug/L	ND	100	100	82.4	62.7	82	63	21-116	27	
Hexachlorocyclopentadiene	ug/L	ND	100	100	57.2	15.1J	57	15	10-110		
Hexachloroethane	ug/L	ND	100	100	73.0	ND	73	0	10-110		M1
Hexachloropropene	ug/L	ND	100	100	74.5	9J	74	9	50-150		M1
Indeno(1,2,3-cd)pyrene	ug/L	1.2J	100	100	73.6	59.5	72	58	20-113	21	
Isodrin	ug/L	ND	100	100	90.2	69.2	90	69	50-150	26	
Isophorone	ug/L	ND	100	100	61.1	26.6	61	27	50-150	79	M1,R1
Isosafrole	ug/L	ND	100	100	81.6	43.7	82	44	50-150	60	M1,R1
Kepone	ug/L	ND	200	200	96.9	68.3	48	34	50-150	35	M1,R1
Methapyrilene	ug/L	ND	100	100	18.8J	24.7J	19	25	50-150		M1
Methyl methanesulfonate	ug/L	ND	100	100	68.9	6.7J	69	7	50-150		M1
Methyl parathion	ug/L	ND	100	100	97.4	79.2	97	79	50-150	21	
N-Nitroso-di-n-butylamine	ug/L	ND	100	100	80.3	52.0	80	52	50-150	43	R1
N-Nitroso-di-n-propylamine	ug/L	ND	100	100	74.9	21.8	75	22	21-105	110	R1
N-Nitrosodiethylamine	ug/L	ND	100	100	78.6	9.2J	79	9	50-150		M1
N-Nitrosodimethylamine	ug/L	ND	100	100	59.7	ND	60	0	10-110		M1
N-Nitrosodiphenylamine	ug/L	ND	100	100	78.0	59.0	78	59	23-107	28	
N-Nitrosomethylethylamine	ug/L	ND	100	100	78.7	5.3J	79	5	50-150		M1
N-Nitrosopiperidine	ug/L	ND	100	100	87.4	40.6	87	41	50-150	73	M1,R1
N-Nitrosopyrrolidine	ug/L	ND	100	100	82.6	32.8	83	33	50-150	86	M1,R1
Naphthalene	ug/L	ND	100	100	55.7	13.4J	56	13	10-110		
Nitrobenzene	ug/L	ND	100	100	59.5	13.4J	60	13	20-110		M1
O,O,O-Triethylphosphorothioate	ug/L	ND	100	100	89.3	27.4	89	27	50-150	106	M1,R1
O-Toluidine	ug/L	ND	100	100	78.2	18J	78	18	50-150		M1
P-Dimethylaminoazobenzene	ug/L	ND	200	200	44.4	34.9	22	17	50-150	24	M1
p-Phenylenediamine	ug/L	ND	100	100	123	105	123	105	50-150	16	
Parathion (Ethyl parathion)	ug/L	ND	100	100	96.3	79.1	96	79	50-150	20	
Pentachlorobenzene	ug/L	ND	100	100	89.7	56.5	90	57	50-150	45	R1
Pentachloronitrobenzene	ug/L	ND	100	100	89.8	72.9	90	73	50-150	21	
Pentachlorophenol	ug/L	ND	500	500	174	141	35	28	10-118	20	
Phenacetin	ug/L	ND	100	100	101	79.7	101	80	50-150	23	
Phenanthrene	ug/L	ND	100	100	82.3	64.1	82	64	24-106	25	
Phenol	ug/L	ND	100	100	48.5	9.1J	48	9	12-110		M1
Phorate	ug/L	ND	100	100	89.9	68.9	90	69	50-150	26	
Pronamide	ug/L	ND	100	100	89.7	73.7	90	74	50-150	20	
Pyrene	ug/L	ND	100	100	86.4	67.1	86	67	24-114	25	
Safrole	ug/L	ND	100	100	84.1	33.3	84	33	50-150	86	M1,R1
Thionazin	ug/L	ND	100	100	98.4	78.4	98	78	50-150	23	
2,4,6-Tribromophenol (S)	%						91	69	27-110		
2-Fluorobiphenyl (S)	%						66	29	27-110		
2-Fluorophenol (S)	%						52	2	12-110		S0
Nitrobenzene-d5 (S)	%						58	12	21-110		S0

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(828)254-7176

QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1434270 1434271

Parameter	Units	92244777006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Phenol-d6 (S)	%						44	9	10-110		S0
Terphenyl-d14 (S)	%						93	73	31-107		

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: WET/36758 Analysis Method: SM 4500-S2D
QC Batch Method: SM 4500-S2D Analysis Description: 4500S2D Sulfide Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1431567 Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfide	ug/L	ND	100	04/10/15 15:30	

LABORATORY CONTROL SAMPLE: 1431568

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfide	ug/L	500	522	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1431569 1431570

Parameter	Units	92244337021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfide	ug/L	ND	500	500	375	375	75	75	90-110	0	M1

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QUALITY CONTROL DATA

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

QC Batch: WETA/22606 | Analysis Method: SM 4500-CN-E
QC Batch Method: SM 4500-CN-E | Analysis Description: 4500CNE Cyanide, Total
Associated Lab Samples: 92244337021, 92244337022, 92244337023

METHOD BLANK: 1437102 | Matrix: Water
Associated Lab Samples: 92244337021, 92244337022, 92244337023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Cyanide	ug/L	ND	8.0	04/18/15 14:11	

LABORATORY CONTROL SAMPLE: 1437103

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cyanide	ug/L	100	97.7	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1437104 1437105

Parameter	Units	92245012001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	ug/L	ND	100	100	98.7	96.8	98	96	75-125	2	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1437106 1437107

Parameter	Units	92244751002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Cyanide	ug/L	ND	100	100	55.2	84.4	54	83	75-125	42	M1,R1

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QUALIFIERS

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

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 decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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.

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

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

H2	Extraction or preparation conducted outside EPA method holding time.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L2	Analyte recovery in the laboratory control sample (LCS) was below QC limits. Results for this analyte in associated samples may be biased low.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
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 CO NEW LF
Pace Project No.: 92244337

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92244337001	**1107-MW2**		FLD/		
92244337002	**1107-MW2D**		FLD/		
92244337003	**1107-MW3R**		FLD/		
92244337004	**1107-MW4**		FLD/		
92244337005	**1107-MW4D**		FLD/		
92244337006	**1107-MW6**		FLD/		
92244337007	**1107-MW10**		FLD/		
92244337008	**1107-MW10D**		FLD/		
92244337009	**1107-MW13**		FLD/		
92244337010	**1107-MW13D**		FLD/		
92244337011	**1107-MW5**		FLD/		
92244337012	**1107-MW5D**		FLD/		
92244337013	**1107-MW8**		FLD/		
92244337014	**1107-MW8D**		FLD/		
92244337015	**1107-MW11**		FLD/		
92244337016	**1107-MW11D**		FLD/		
92244337017	**1107-MW14**		FLD/		
92244337018	**1107-MW14D**		FLD/		
92244337019	**1107-MW15S**		FLD/		
92244337020	**1107-MW15D**		FLD/		
92244337021	**1107-MW1**		FLD/		
92244337022	**1107-MW1D**		FLD/		
92244337023	**1107-MW7**		FLD/		
92244337024	**1107-MW12**		FLD/		
92244337025	**1107-MW12D**		FLD/		
92244337021	**1107-MW1**	EPA 3510	OEXT/34483	EPA 8081	GCSV/21058
92244337022	**1107-MW1D**	EPA 3510	OEXT/34483	EPA 8081	GCSV/21058
92244337023	**1107-MW7**	EPA 3510	OEXT/34483	EPA 8081	GCSV/21058
92244337021	**1107-MW1**	EPA 3510	OEXT/34342	EPA 8082	GCSV/20992
92244337022	**1107-MW1D**	EPA 3510	OEXT/34342	EPA 8082	GCSV/20992
92244337023	**1107-MW7**	EPA 3510	OEXT/34342	EPA 8082	GCSV/20992
92244337021	**1107-MW1**	EPA 8151	OEXT/21797	EPA 8151	GCSV/14231
92244337022	**1107-MW1D**	EPA 8151	OEXT/21797	EPA 8151	GCSV/14231
92244337023	**1107-MW7**	EPA 8151	OEXT/21797	EPA 8151	GCSV/14231
92244337001	**1107-MW2**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337002	**1107-MW2D**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337003	**1107-MW3R**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337004	**1107-MW4**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337005	**1107-MW4D**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337006	**1107-MW6**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337007	**1107-MW10**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337008	**1107-MW10D**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337009	**1107-MW13**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337010	**1107-MW13D**	EPA 3010	MPRP/18230	EPA 6010	ICP/16377
92244337011	**1107-MW5**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337012	**1107-MW5D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92244337013	**1107-MW8**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337014	**1107-MW8D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337015	**1107-MW11**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337016	**1107-MW11D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337017	**1107-MW14**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337018	**1107-MW14D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337019	**1107-MW15S**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337020	**1107-MW15D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244337021	**1107-MW1**	EPA 3010	MPRP/18251	EPA 6010	ICP/16392
92244337022	**1107-MW1D**	EPA 3010	MPRP/18251	EPA 6010	ICP/16392
92244337023	**1107-MW7**	EPA 3010	MPRP/18251	EPA 6010	ICP/16392
92244337024	**1107-MW12**	EPA 3010	MPRP/18251	EPA 6010	ICP/16392
92244337025	**1107-MW12D**	EPA 3010	MPRP/18251	EPA 6010	ICP/16392
92244337026	**1107-Equipment Blank**	EPA 3010	MPRP/18271	EPA 6010	ICP/16410
92244337021	**1107-MW1**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244337022	**1107-MW1D**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244337023	**1107-MW7**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244337021	**1107-MW1**	EPA 3510	OEXT/34261	EPA 8270	MSSV/10541
92244337022	**1107-MW1D**	EPA 3510	OEXT/34261	EPA 8270	MSSV/10541
92244337023	**1107-MW7**	EPA 3510	OEXT/34261	EPA 8270	MSSV/10541
92244337001	**1107-MW2**	EPA 8260	MSV/31192		
92244337002	**1107-MW2D**	EPA 8260	MSV/31192		
92244337003	**1107-MW3R**	EPA 8260	MSV/31192		
92244337004	**1107-MW4**	EPA 8260	MSV/31192		
92244337005	**1107-MW4D**	EPA 8260	MSV/31192		
92244337006	**1107-MW6**	EPA 8260	MSV/31256		
92244337007	**1107-MW10**	EPA 8260	MSV/31256		
92244337008	**1107-MW10D**	EPA 8260	MSV/31256		
92244337009	**1107-MW13**	EPA 8260	MSV/31256		
92244337010	**1107-MW13D**	EPA 8260	MSV/31256		
92244337011	**1107-MW5**	EPA 8260	MSV/31256		
92244337012	**1107-MW5D**	EPA 8260	MSV/31256		
92244337013	**1107-MW8**	EPA 8260	MSV/31256		
92244337014	**1107-MW8D**	EPA 8260	MSV/31256		
92244337015	**1107-MW11**	EPA 8260	MSV/31216		
92244337016	**1107-MW11D**	EPA 8260	MSV/31216		
92244337017	**1107-MW14**	EPA 8260	MSV/31216		
92244337018	**1107-MW14D**	EPA 8260	MSV/31216		
92244337019	**1107-MW15S**	EPA 8260	MSV/31216		
92244337020	**1107-MW15D**	EPA 8260	MSV/31216		
92244337021	**1107-MW1**	EPA 8260	MSV/31256		
92244337022	**1107-MW1D**	EPA 8260	MSV/31311		
92244337023	**1107-MW7**	EPA 8260	MSV/31293		
92244337024	**1107-MW12**	EPA 8260	MSV/31293		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE CO NEW LF
Pace Project No.: 92244337

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92244337025	**1107-MW12D**	EPA 8260	MSV/31293		
92244337026	**1107-Equipment Blank**	EPA 8260	MSV/31216		
92244337027	**1107-Travel Blank**	EPA 8260	MSV/31216		
92244337021	**1107-MW1**	SM 4500-S2D	WET/36758		
92244337022	**1107-MW1D**	SM 4500-S2D	WET/36758		
92244337023	**1107-MW7**	SM 4500-S2D	WET/36758		
92244337021	**1107-MW1**	SM 4500-CN-E	WETA/22606		
92244337022	**1107-MW1D**	SM 4500-CN-E	WETA/22606		
92244337023	**1107-MW7**	SM 4500-CN-E	WETA/22606		

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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: SCS BUNC

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:140290865 Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 1.0 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: LDB 4/7/15

		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: 4/7/15

SRF Review: JJ Date: 4/8/15

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# : 92244337

92244337

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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 3

1818116

Section A Required Client Information:

Company: SCS Burns New LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: Burns 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): Metals Strong Acid; Static H2O; VOC; Methane

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) Metals Strong Acid	Static H2O	VOC	Methane	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					4-7-15	1445		4			1	3					Y	X	X	X		01224337
2	MW-2D					4-7	1450		4			1	3					Y	X	X	X		W1
3	MW-3R					4-7	1400		4			1	3					Y	X	X	X		W2
4	MW-4					4-7	1425		4			1	3					X	X	X	X		W3
5	MW-4D					4-7	1430		4			1	3					X	X	X	X		W4
6	~~MW-5~~					~~4-7~~												X	X	X	X		W5
7	~~MW-5D~~					~~4-7~~																	
8	MW-6					4-7	1345		4			1	3										
9	MW-10					4-7	1535		4			1	3					X	X	X	X		W6
10	MW-10D					4-7	1545		4			1	3					X	X	X	X		W7
11	MW-13					4-7	1505		4			1	3					X	X	X	X		W8
12	MW-13D					4-7-15	1515		4			1	3					X	X	X	X		W9
																		X	X	X	X		W10

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-7-15	1600		4-7-15	1600				
	[signature] Pace	4-7-15	1630	[signature]	4/7/15	1630	1.0	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 4-7-15

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 0.0 C

Corrected Cooler Temp.: 2.8 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RPB 4/8/15

		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: JY Date: 4/9/15

SRF Review: JY Date: 4/9/15

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

92244337 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 3

1818257

Section A Required Client Information:

Company: SLS Bunc MW LF
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

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-Tag Sp.Gr. Tups	Static H_2	VOC	Methane	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	~~MW-2~~ MCI																						
2	~~MW-3~~ MCI								~~4~~														
3	MW-~~3~~5					4.8.15	1100		4			1	3										
4	MW-5D					4.8	1115		4			1	3					X	X	X	X		011
5	MW-8					4.8	1320		4			1	3					X	X	X	X		012
6	MW-8D					4-8	1310		4			1	3					X	X	X	X		013
7	MW-11					4-8	1130		4			1	3					X	X	X	X		014
8	MW-11D					4-8	1140		4			1	3					X	X	X	X		015
9	MW-14					4-8	1555		4			1	3					X	X	X	X		016
10	MW-14D					4-8	1600		4			1	3					X	X	X	X		017
11	MW-15S					4-8	1515		4			1	3					X	X	X	X		018
12	MW-15D					4-8	1525		4			1	3					X	X	X	X		019
																		X	X	X	X		020

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4-8-15	1630	[signature] KLS	4-8-15	1630				
	[signature] KLS	4.8.15	1645	[signature]	4/8/15	16:45	28	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] KLS

DATE Signed (MM/DD/YY): 4-8-15

*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 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 0.0 C

Corrected Cooler Temp.: 1.6/2.6 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 4/9/15

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: JJ Date: 4/9/15

SRF Review: JJ Date: 4/10/15

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

92244337 OR

handwrite project num. (if no label available)

T-427 P0002/0002 F-187

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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 3

1907182

Section A Required Client Information:
Company: SLS Burl Newlf
Address:
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:
Report To: Ed H. Hart
Copy To:
Purchase Order No.:
Project Name: Burlington Newlf
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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	pH Trip Blank Sample Rec	Static H2O	VOC	Metals	Full List Aqu							Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-1					4-9-15	910		14	8		1	3	2					X	X			X								92244337
2	MW-1D					4-9	930		14	8		1	3	2					X	X			X								021
3	MW-7					4-9	1045		14	8		1	3	2					X	X			X								022
4	MW-12					4-9	1110		4			1	3						X	X	X	X									023
5	MW-12A					4-9	1130		4			1	3						X	X	X	X									024
6																															025
7	~~FOC BLK~~																														
8	EQUIP BLK					4-6-15	800		3			1	2								X	X									
9	TRIP BLK					4-6-15	800		2				2								X										026
10																															027
11																															
12																															

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
BLK pulled Monday 4-6-15	[signature] Pace	4-9-15	1145	[signature] Pace	4-9-15	1145				
	[signature] Pace	4-9-15	1225	[signature]	4/9/15	12:25	16	Y	N	Y
							26			

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: MARK L. SINGER
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-9-15

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

04-14-'15 09:49 FROM-

1

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

4. 2015

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNC NEW LF

Date	Time	Samples	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	~~DO~~	Comments
4-9-15	9:10	MPJ	MW-1	68.71	7.4	14.2	155	3.56			CLEAR NO ODOR
4.9	930		MW-1D	70.45	6.4	14.5	169	3.25			CLEAR NO ODOR
4.8	1445		MW-2	8.64	6.5	9.9	126	16.9			CLOUDY, NO ODOR
4.8	1450		MW-2D	8.31	6.4	10.0	249	2.40			CLEAR, NO ODOR
4.8	1400		MW-3R	56.71	6.3	14.2	201	4.94			CLEAR, NO ODOR
4.8	1415		MW-4	13.56	6.3	13.9	198	4.21			CLEAR NO ODOR
4.8	1430		MW-4D	14.41	~~6.2~~ 6.2	13.0	246	20.6			CLEAR, NO ODOR
4.8	1100		MW-5	35.02	6.4	16.1	206	7.89			CLEAR, NO ODOR
4.8	1115		MW-5D	36.02	6.3	16.1	195	3.00			CLEAR, NO ODOR
4.7	1345		MW-6	27.02	6.3	15.8	173	3.52			CLEAR, NO ODOR
4.9	1045		MW-7	46.26	6.3	16.4	691	4.81			CLEAR, OAK ODOR
4.8	1320		MW-8	33.56	6.5	15.9	324	4.26			CLEAR, NO ODOR
4.8	1310		MW-8D	32.29	6.4	16.7	404	3.05			CLEAR, NO ODOR

2

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

4.2015

Pace Analytical Services, Inc
Report Form for Field Monitoring

Location Bore New LF MW's

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	~~ORP~~	Comments
4-7-15	1535	MB	MW-10	70.23	6.4	14.9	306	2.35		CLEAR, NO ODOR
4-7-15	1545		MW 10D	70.26	6.6	15.3	269	2.72		CLEAR, NO ODOR
4.8	1130		MW-11	32.02	6.6	16.5	376	3.13		CLEAR, NO ODOR
4.8	1140		MW 11D	33.02	6.5	16.4	364	4.11		CLEAR, NO ODOR
4.9	1110		MW-12	12.11	6.5	15.1	687	2.86		CLEAR TO CLOUDY NO ODOR
4.9	1130		MW 12D	10.73	6.7	14.3	539	9.27		NO ODOR, CLEAR
4.8	1535		MW-14	31.33	6.5	15.7	198	150 (x10)		CLOUDY, NO ODOR
4-8	1600		MW-14D	31.37	6.8	15.4	250	3.63		CLEAR, NO ODOR
4.8	1515		MW-15s	22.25	6.0	16.9	371	34 (x4)		CLOUDY NO ODOR
4.8	1525		MW-15d	26.34	6.3	16.8	416	15.7		CLOUDY, NO ~~CLEAR~~ ODOR
4-7-15	1505		MW-13	5.60	6.6	11.7	204	9.07		CLEAR, NO ODOR
4-7	1515		MW-13D	7.38	6.3	11.4	336	3.44		CLEAR, NO ODOR

X All MW's Need New FOAM Seal on Outer CAP

WELL CONDITION SUMMARY

Site: Buncombe Co New LF X

Personnel I: MPS

Date: 4.2015

Page 1 of 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
1	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump TFE Bailer	Dry 1.5 VOC
2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	Pine Tree
2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	At end of Bridge Needs to be cut
3R	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE, Bailer	
4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump TFE Bailer	

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

WELL CONDITION SUMMARY

Site: BUNCOMBE CO

Personnel: MARK L. SWANN

Date: 4-2015

Page 2 of 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
7	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
8	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☐ Yes ☐ No	PUMP TFE BAILER	DRY @ 1.55 VOLUMES
8D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

WELL CONDITION SUMMARY

Site: BUNCOMBE NEW LF

Personnel: MARK SWAN

Date: 4.2015

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	
10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	DRY @ 1.6 VOLUMES
11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
11D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP TFE BAILER	
12	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
12D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

Site: Buncombe Co New LF

Personnel I: Mark Swanson

Date: 4-2015

Page 4 of 4

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
13	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
13D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
14	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
14D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump TFE Bailer	Dry @ 1.5 volumes
15s	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
15d	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
	☐ OK ☐ Damaged	☐ OK ☐ Damaged	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1818254

Section A Required Client Information:

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

Section B Required Project Information:

Report To: E + H. Hon
Copy To:
Purchase Order No.:
Project Name: (4 D) 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	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)	Nitrate Nitrite 353.2	TDS	SO4	Alk CL	GC/C (FE, Mn)	7470	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92244677
1	~~MW-12~~					4.8.15			3	3																
2	~~MW-12D~~					4.8			3	3																
3	MW-14					4.8	1555		3	3								Y	X	X	X	X				
4	MW-14D					4.8	1600		3	3								Y	X	X	X	X				
5	MW-15s					4.8	1515		3	3								Y	X	X	X	X	X	X		001
6	MW-15d					4.8	1520		3	3								Y	X	X	X	X	X	X		002
7																		Y	X	X	X	X	X	X		003
8																		Y	X	X	X	X	X	X		004
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4.8.15	1630	Mark Swan Pace	4.8.15					
MW-1 1D & 12 & 12D	Mark Swan Pace	4.8.15	1645		4/8/15	1645	2x	Y	N	Y
to be sampled 4.9.15										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK D. SWANN

SIGNATURE of SAMPLER: Mark Swan Pace DATE Signed (MM/DD/YY): 4.8.15

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	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

4-2015

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNC New LF CAD

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	DO	Comments
4-9	910	MCS	MW-1	68.71	7.4	14.2	155	3.56	128.7	8.71	CLEAR, NO ODOR
4-9	930		MW 1D	70.45	6.4	14.5	169	3.21	164.3	6.80	CLEAR, NO ODOR
~~4-9~~											
4-9	1110		MW-12	12.11	6.5	9.9	687	2.86	125.7	4.27	CLEAR TO CLOUDY NO ODOR
4-9	1130		MW-12D	10.73	6.9	10.0	539	9.27	224.4	2.42	CLEAR NO ODOR
4-8	1555		MW-14	31.33	~~6.5~~ 6.5	15.7	198	150 (x10)	139.0	6.20	CLOUDY, NO ODOR
4-8	1600		MW 14D	31.37	6.8	15.4	250	3.63	157.1	7.95	CLEAR, NO ODOR
4-8-15	1515		MW-15S	22.29	6.0	16.9	371	34 (x2)	40.3	2.65	CLOUDY, NO ODOR
4-8	1525		MW-15d	26.74	6.3	16.8	416	15.7	61.2	3.86	CLOUDY, NO ODOR

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

April 17, 2015

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.: 92244677

Dear Mr. Hilton:
Enclosed are the analytical results for sample(s) received by the laboratory between April 08, 2015 and April 09, 2015. 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

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Asheville, NC 28804
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CERTIFICATIONS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

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 C&D MW'S NEW LF
Pace Project No.: 92244677

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92244677001	**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	SER	1	PASI-A
92244677002	**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	SER	1	PASI-A
92244677003	**1107-MW15S**	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	SER	1	PASI-A
92244677004	**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	SER	1	PASI-A
92244677005	**1107-MW1**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	JTJ	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	SER	1	PASI-A
92244677006	**1107-MW1D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	JTJ	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	SER	1	PASI-A
92244677007	**1107-MW12**	EPA 6010	JMW	2	PASI-A

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SAMPLE ANALYTE COUNT

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	JTJ	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	SER	1	PASI-A
92244677008	**1107-MW12D**	EPA 6010	JMW	2	PASI-A
		EPA 7470	HVK	1	PASI-A
		SM 2320B	MAB	1	PASI-A
		SM 2540C	JTJ	1	PASI-A
		EPA 300.0	AES2	1	PASI-A
		SM 4500-Cl-E	SER	1	PASI-A

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW14 **Lab ID: 92244677001** Collected: 04/08/15 15:55 Received: 04/08/15 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		04/08/15 15:55		
Field pH	**6.5**	Std. Units	0.10	1		04/08/15 15:55		
Field Temperature	**15.7**	deg C	0.50	1		04/08/15 15:55		
Static Water Level	**31.33**	feet		1		04/08/15 15:55		
Field Specific Conductance	**198**	umhos/cm	1.0	1		04/08/15 15:55		
Oxygen, Dissolved	**6.20**	mg/L		1		04/08/15 15:55	7782-44-7	
REDOX	**139.0**	mV		1		04/08/15 15:55		
Turbidity	**1500**	NTU	1.0	1		04/08/15 15:55		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**850**	ug/L	50.0	1	04/10/15 12:15	04/13/15 18:00	7439-89-6	
Manganese	**47.8**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:00	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/10/15 13:40	04/11/15 17:57	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**49.4**	mg/L	5.0	1		04/16/15 15:48		M1
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**176**	mg/L	25.0	1		04/13/15 16:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**27.6**	mg/L	2.0	1		04/10/15 04:28	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**3.6**	mg/L	1.0	1		04/15/15 04:03	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW14D **Lab ID: 92244677002** Collected: 04/08/15 16:00 Received: 04/08/15 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		04/08/15 16:00		
Field pH	**6.8**	Std. Units	0.10	1		04/08/15 16:00		
Field Temperature	**15.4**	deg C	0.50	1		04/08/15 16:00		
Static Water Level	**31.37**	feet		1		04/08/15 16:00		
Field Specific Conductance	**250**	umhos/cm	1.0	1		04/08/15 16:00		
Oxygen, Dissolved	**7.95**	mg/L		1		04/08/15 16:00	7782-44-7	
REDOX	**137.1**	mV		1		04/08/15 16:00		
Turbidity	**3.63**	NTU	1.0	1		04/08/15 16:00		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**51.9**	ug/L	50.0	1	04/10/15 12:15	04/13/15 18:03	7439-89-6	
Manganese	ND	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:03	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/10/15 13:40	04/11/15 18:00	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**107**	mg/L	5.0	1		04/16/15 16:20		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**188**	mg/L	25.0	1		04/13/15 16:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**16.3**	mg/L	2.0	1		04/10/15 04:42	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**2.0**	mg/L	1.0	1		04/15/15 04:05	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW15S **Lab ID: 92244677003** Collected: 04/08/15 15:15 Received: 04/08/15 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		04/08/15 15:50		
Field pH	**6.0**	Std. Units	0.10	1		04/08/15 15:50		
Field Temperature	**16.9**	deg C	0.50	1		04/08/15 15:50		
Static Water Level	**22.29**	feet		1		04/08/15 15:50		
Field Specific Conductance	**371**	umhos/cm	1.0	1		04/08/15 15:50		
Oxygen, Dissolved	**2.65**	mg/L		1		04/08/15 15:50	7782-44-7	
REDOX	**40.3**	mV		1		04/08/15 15:50		
Turbidity	**68**	NTU	1.0	1		04/08/15 15:50		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**18200**	ug/L	50.0	1	04/10/15 12:15	04/13/15 18:07	7439-89-6	
Manganese	**5720**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:07	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/10/15 13:40	04/11/15 18:02	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**114**	mg/L	5.0	1		04/16/15 16:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**228**	mg/L	25.0	1		04/13/15 16:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**29.2**	mg/L	2.0	1		04/10/15 04:56	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**11.9**	mg/L	1.0	1		04/15/15 04:06	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.: 92244677

Sample: 1107-MW15D **Lab ID: 92244677004** Collected: 04/08/15 15:25 Received: 04/08/15 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		04/08/15 15:25		
Field pH	**6.3**	Std. Units	0.10	1		04/08/15 15:25		
Field Temperature	**16.8**	deg C	0.50	1		04/08/15 15:25		
Static Water Level	**26.74**	feet		1		04/08/15 15:25		
Field Specific Conductance	**416**	umhos/cm	1.0	1		04/08/15 15:25		
Oxygen, Dissolved	**3.86**	mg/L		1		04/08/15 15:25	7782-44-7	
REDOX	**61.2**	mV		1		04/08/15 15:25		
Turbidity	**15.7**	NTU	1.0	1		04/08/15 15:25		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**1010**	ug/L	50.0	1	04/10/15 12:15	04/13/15 18:10	7439-89-6	
Manganese	**285**	ug/L	5.0	1	04/10/15 12:15	04/13/15 18:10	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/10/15 13:40	04/11/15 18:05	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**141**	mg/L	5.0	1		04/16/15 16:44		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**296**	mg/L	25.0	1		04/13/15 16:44		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**49.3**	mg/L	4.0	2		04/10/15 09:56	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**10.1**	mg/L	1.0	1		04/15/15 04:06	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW1 **Lab ID: 92244677005** Collected: 04/09/15 09:10 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 09:10		
Field pH	**7.4**	Std. Units	0.10	1		04/09/15 09:10		
Field Temperature	**14.2**	deg C	0.50	1		04/09/15 09:10		
Static Water Level	**68.71**	feet		1		04/09/15 09:10		
Field Specific Conductance	**155**	umhos/cm	1.0	1		04/09/15 09:10		
Oxygen, Dissolved	**8.71**	mg/L		1		04/09/15 09:10	7782-44-7	
REDOX	**128.7**	mV		1		04/09/15 09:10		
Turbidity	**3.56**	NTU	1.0	1		04/09/15 09:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**105**	ug/L	50.0	1	04/14/15 14:15	04/15/15 22:23	7439-89-6	
Manganese	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:23	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 15:58	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**36.8**	mg/L	5.0	1		04/16/15 16:57		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**116**	mg/L	25.0	1		04/14/15 09:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**17.0**	mg/L	2.0	1		04/10/15 22:42	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**5.6**	mg/L	1.0	1		04/15/15 04:09	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW1D **Lab ID: 92244677006** Collected: 04/09/15 09:30 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 09:30		
Field pH	**6.4**	Std. Units	0.10	1		04/09/15 09:30		
Field Temperature	**14.5**	deg C	0.50	1		04/09/15 09:30		
Static Water Level	**70.45**	feet		1		04/09/15 09:30		
Field Specific Conductance	**169**	umhos/cm	1.0	1		04/09/15 09:30		
Oxygen, Dissolved	**6.20**	mg/L		1		04/09/15 09:30	7782-44-7	
REDOX	**164.3**	mV		1		04/09/15 09:30		
Turbidity	**3.25**	NTU	1.0	1		04/09/15 09:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**111**	ug/L	50.0	1	04/14/15 14:15	04/15/15 22:26	7439-89-6	
Manganese	ND	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:26	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 16:06	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**51.7**	mg/L	5.0	1		04/16/15 17:09		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**149**	mg/L	25.0	1		04/14/15 09:23		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**23.2**	mg/L	2.0	1		04/10/15 22:55	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**2.4**	mg/L	1.0	1		04/15/15 04:09	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW12 **Lab ID: 92244677007** Collected: 04/09/15 11:10 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 11:10		
Field pH	**6.5**	Std. Units	0.10	1		04/09/15 11:10		
Field Temperature	**9.9**	deg C	0.50	1		04/09/15 11:10		
Static Water Level	**12.11**	feet		1		04/09/15 11:10		
Field Specific Conductance	**687**	umhos/cm	1.0	1		04/09/15 11:10		
Oxygen, Dissolved	**4.20**	mg/L		1		04/09/15 11:10	7782-44-7	
REDOX	**125.7**	mV		1		04/09/15 11:10		
Turbidity	**2.76**	NTU	1.0	1		04/09/15 11:10		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**187**	ug/L	50.0	1	04/14/15 14:15	04/15/15 22:29	7439-89-6	
Manganese	**389**	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:29	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 16:08	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**147**	mg/L	5.0	1		04/16/15 17:21		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**478**	mg/L	25.0	1		04/14/15 09:24		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**150**	mg/L	20.0	10		04/10/15 23:09	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**31.1**	mg/L	1.0	1		04/15/15 04:10	16887-00-6	

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ANALYTICAL RESULTS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Sample: 1107-MW12D **Lab ID: 92244677008** Collected: 04/09/15 11:30 Received: 04/09/15 12:25 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Monitoring Well Data	Analytical Method:							
Collected By	**Mark Swann**			1		04/09/15 11:30		
Field pH	**6.9**	Std. Units	0.10	1		04/09/15 11:30		
Field Temperature	**10.0**	deg C	0.50	1		04/09/15 11:30		
Static Water Level	**10.73**	feet		1		04/09/15 11:30		
Field Specific Conductance	**539**	umhos/cm	1.0	1		04/09/15 11:30		
Oxygen, Dissolved	**2.42**	mg/L		1		04/09/15 11:30	7782-44-7	
REDOX	**224.4**	mV		1		04/09/15 11:30		
Turbidity	**9.27**	NTU	1.0	1		04/09/15 11:30		
6010 ICP Groundwater	Analytical Method: EPA 6010 Preparation Method: EPA 3010							
Iron	**1080**	ug/L	50.0	1	04/14/15 14:15	04/15/15 22:32	7439-89-6	
Manganese	**184**	ug/L	5.0	1	04/14/15 14:15	04/15/15 22:32	7439-96-5	
7470 Mercury	Analytical Method: EPA 7470 Preparation Method: EPA 7470							
Mercury	ND	ug/L	0.20	1	04/11/15 18:00	04/15/15 16:11	7439-97-6	
2320B Alkalinity	Analytical Method: SM 2320B							
Alkalinity, Total as CaCO3	**172**	mg/L	5.0	1		04/16/15 17:32		
2540C Total Dissolved Solids	Analytical Method: SM 2540C							
Total Dissolved Solids	**362**	mg/L	25.0	1		04/14/15 09:24		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0							
Sulfate	**68.6**	mg/L	10.0	5		04/10/15 23:22	14808-79-8	
4500 Chloride	Analytical Method: SM 4500-Cl-E							
Chloride	**19.1**	mg/L	1.0	1		04/15/15 04:11	16887-00-6	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: MERP/7731 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

METHOD BLANK: 1431647 Matrix: Water
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/11/15 16:54	

LABORATORY CONTROL SAMPLE: 1431648

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: 1431649 1431650

Parameter	Units	92244690004 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	2.5	2.5	99	98	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: MERP/7738 Analysis Method: EPA 7470
QC Batch Method: EPA 7470 Analysis Description: 7470 Mercury
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

METHOD BLANK: 1432706 Matrix: Water
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	ug/L	ND	0.20	04/15/15 15:10	

LABORATORY CONTROL SAMPLE: 1432707

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	ug/L	2.5	2.1	82	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1432708 1432709

Parameter	Units	92245046008 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	2.2	2.2	87	88	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: MPRP/18250 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

METHOD BLANK: 1431534 Matrix: Water
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	04/13/15 16:54	
Manganese	ug/L	ND	5.0	04/13/15 16:54	

LABORATORY CONTROL SAMPLE: 1431535

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4640	93	80-120	
Manganese	ug/L	500	456	91	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1431536 1431537

Parameter	Units	92241827011 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	ND	5000	5000	4650	4680	93	94	75-125	1	
Manganese	ug/L	ND	500	500	457	460	91	92	75-125	1	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: MPRP/18271 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET NC Groundwater
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

METHOD BLANK: 1433743 Matrix: Water
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Iron	ug/L	ND	50.0	04/15/15 21:47	
Manganese	ug/L	ND	5.0	04/15/15 21:47	

LABORATORY CONTROL SAMPLE: 1433744

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Iron	ug/L	5000	4770	95	80-120	
Manganese	ug/L	500	470	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1433745 1433746

Parameter	Units	92244854001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Iron	ug/L	1200	5000	5000	6170	6250	99	101	75-125	1	
Manganese	ug/L	55.0	500	500	529	542	95	97	75-125	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: WET/36861 — Analysis Method: SM 2320B
QC Batch Method: SM 2320B — Analysis Description: 2320B Alkalinity
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004, 92244677005, 92244677006, 92244677007, 92244677008

METHOD BLANK: 1436057 — Matrix: Water
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004, 92244677005, 92244677006, 92244677007, 92244677008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	04/16/15 15:29	

LABORATORY CONTROL SAMPLE: 1436058

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	46.2	92	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1436059 — 1436060

Parameter	Units	92244677001 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	49.4	50	50	518	502	938	906	90-110	3	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1436061 — 1436062

Parameter	Units	92245472003 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	179000 ug/L	50	50	632	645	908	932	90-110	2	M1

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: WET/36803 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

METHOD BLANK: 1433303 Matrix: Water
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	04/13/15 16:41	

LABORATORY CONTROL SAMPLE: 1433304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	254	102	90-110	

SAMPLE DUPLICATE: 1433305

Parameter	Units	92244678001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	96.0	96.0	0	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: WET/36809 Analysis Method: SM 2540C
QC Batch Method: SM 2540C Analysis Description: 2540C Total Dissolved Solids
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

METHOD BLANK: 1433564 Matrix: Water
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	04/14/15 09:21	

LABORATORY CONTROL SAMPLE: 1433565

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	254	102	90-110	

SAMPLE DUPLICATE: 1433566

Parameter	Units	92245019001 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	430	422	2	

SAMPLE DUPLICATE: 1433567

Parameter	Units	92245044005 Result	Dup Result	RPD	Qualifiers
Total Dissolved Solids	mg/L	36.0	33.0	9	D6

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: WETA/22499 | Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 | Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

METHOD BLANK: 1430794 | Matrix: Water
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	2.0	04/09/15 22:49	

LABORATORY CONTROL SAMPLE: 1430795

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Sulfate	mg/L	20	18.9	95	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1430796 1430797

Parameter	Units	92244380001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	2.5	20	20	20.8	20.5	91	90	90-110	1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1430798 1430799

Parameter	Units	92244326005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	ND	20	20	18.8	19.2	94	96	90-110	2	

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QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: WETA/22519 Analysis Method: EPA 300.0
QC Batch Method: EPA 300.0 Analysis Description: 300.0 IC Anions
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

METHOD BLANK: 1432101 Matrix: Water
Associated Lab Samples: 92244677005, 92244677006, 92244677007, 92244677008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Sulfate	mg/L	ND	2.0	04/10/15 17:16	

LABORATORY CONTROL SAMPLE: 1432102

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

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1432103 1432104

Parameter	Units	92244678001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	ND	20	20	20.9	21.0	96	97	90-110	1	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1432105 1432106

Parameter	Units	92244690004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Sulfate	mg/L	9.5	20	20	30.7	30.5	106	105	90-110	1	

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

QUALITY CONTROL DATA

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

QC Batch: WETA/22554 Analysis Method: SM 4500-Cl-E
QC Batch Method: SM 4500-Cl-E Analysis Description: 4500 Chloride
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004, 92244677005, 92244677006, 92244677007, 92244677008

METHOD BLANK: 1433906 Matrix: Water
Associated Lab Samples: 92244677001, 92244677002, 92244677003, 92244677004, 92244677005, 92244677006, 92244677007, 92244677008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	04/15/15 04:02	

LABORATORY CONTROL SAMPLE: 1433907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	20	21.0	105	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1433908 1433909

Parameter	Units	92244677001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Chloride	mg/L	3.6	20	20	24.5	24.5	105	105	90-110	0	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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(828)254-7176

QUALIFIERS

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

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 decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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.

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

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

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

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

TNI - The NELAC Institute.

LABORATORIES

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

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92244677001	**1107-MW14**		FLD/		
92244677002	**1107-MW14D**		FLD/		
92244677003	**1107-MW15S**		FLD/		
92244677004	**1107-MW15D**		FLD/		
92244677005	**1107-MW1**		FLD/		
92244677006	**1107-MW1D**		FLD/		
92244677007	**1107-MW12**		FLD/		
92244677008	**1107-MW12D**		FLD/		
92244677001	**1107-MW14**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244677002	**1107-MW14D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244677003	**1107-MW15S**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244677004	**1107-MW15D**	EPA 3010	MPRP/18250	EPA 6010	ICP/16391
92244677005	**1107-MW1**	EPA 3010	MPRP/18271	EPA 6010	ICP/16410
92244677006	**1107-MW1D**	EPA 3010	MPRP/18271	EPA 6010	ICP/16410
92244677007	**1107-MW12**	EPA 3010	MPRP/18271	EPA 6010	ICP/16410
92244677008	**1107-MW12D**	EPA 3010	MPRP/18271	EPA 6010	ICP/16410
92244677001	**1107-MW14**	EPA 7470	MERP/7731	EPA 7470	MERC/7415
92244677002	**1107-MW14D**	EPA 7470	MERP/7731	EPA 7470	MERC/7415
92244677003	**1107-MW15S**	EPA 7470	MERP/7731	EPA 7470	MERC/7415
92244677004	**1107-MW15D**	EPA 7470	MERP/7731	EPA 7470	MERC/7415
92244677005	**1107-MW1**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244677006	**1107-MW1D**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244677007	**1107-MW12**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244677008	**1107-MW12D**	EPA 7470	MERP/7738	EPA 7470	MERC/7422
92244677001	**1107-MW14**	SM 2320B	WET/36861		
92244677002	**1107-MW14D**	SM 2320B	WET/36861		
92244677003	**1107-MW15S**	SM 2320B	WET/36861		
92244677004	**1107-MW15D**	SM 2320B	WET/36861		
92244677005	**1107-MW1**	SM 2320B	WET/36861		
92244677006	**1107-MW1D**	SM 2320B	WET/36861		
92244677007	**1107-MW12**	SM 2320B	WET/36861		
92244677008	**1107-MW12D**	SM 2320B	WET/36861		
92244677001	**1107-MW14**	SM 2540C	WET/36803		
92244677002	**1107-MW14D**	SM 2540C	WET/36803		
92244677003	**1107-MW15S**	SM 2540C	WET/36803		
92244677004	**1107-MW15D**	SM 2540C	WET/36803		
92244677005	**1107-MW1**	SM 2540C	WET/36809		
92244677006	**1107-MW1D**	SM 2540C	WET/36809		
92244677007	**1107-MW12**	SM 2540C	WET/36809		
92244677008	**1107-MW12D**	SM 2540C	WET/36809		
92244677001	**1107-MW14**	EPA 300.0	WETA/22499		
92244677002	**1107-MW14D**	EPA 300.0	WETA/22499		
92244677003	**1107-MW15S**	EPA 300.0	WETA/22499		
92244677004	**1107-MW15D**	EPA 300.0	WETA/22499		

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: BUNCOMBE C&D MW'S NEW LF
Pace Project No.: 92244677

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92244677005	**1107-MW1**	EPA 300.0	WETA/22519		
92244677006	**1107-MW1D**	EPA 300.0	WETA/22519		
92244677007	**1107-MW12**	EPA 300.0	WETA/22519		
92244677008	**1107-MW12D**	EPA 300.0	WETA/22519		
92244677001	**1107-MW14**	SM 4500-Cl-E	WETA/22554		
92244677002	**1107-MW14D**	SM 4500-Cl-E	WETA/22554		
92244677003	**1107-MW15S**	SM 4500-Cl-E	WETA/22554		
92244677004	**1107-MW15D**	SM 4500-Cl-E	WETA/22554		
92244677005	**1107-MW1**	SM 4500-Cl-E	WETA/22554		
92244677006	**1107-MW1D**	SM 4500-Cl-E	WETA/22554		
92244677007	**1107-MW12**	SM 4500-Cl-E	WETA/22554		
92244677008	**1107-MW12D**	SM 4500-Cl-E	WETA/22554		

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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: 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) IR Gun #4 SN:140290365 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

Other:_____

Temp Correction Factor: Add / Subtract 0.0 C

Corrected Cooler Temp.: 2.8 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: ROB 4/8/15

		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: JJ Date: ~~4/8/15~~ 4/9/15 KG

SRF Review: JJ Date: 4/9/15

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# : 92244677

92244677

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1818254

Section A Required Client Information:

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

Section B Required Project Information:

Report To: E + H. Hon
Copy To:
Purchase Order No.:
Project Name: (4 D) 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	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)	Nitrate Nitrite 353.2	TDS	SO4	Alk CL	GC/C (FE, Mn)	7470	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92244677
1	~~MW-12~~					4.8.15			3	3																
2	~~MW-12D~~					4.8			3	3																
3	MW-14					4.8	1555		3	3								Y	X	X	X	X				
4	MW-14D					4.8	1600		3	3								Y	X	X	X	X				
5	MW-15s					4.8	1515		3	3								Y	X	X	X	X	X	X		001
6	MW-15d					4.8	1520		3	3								Y	X	X	X	X	X	X		002
7																		Y	X	X	X	X	X	X		003
8																		Y	X	X	X	X	X	X		004
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4.8.15	1630	Mark Swan Pace	4.8.15					
MW-1 1D & 12 & 12D	Mark Swan Pace	4.8.15	1645		4/8/15	1645	2x	Y	N	Y
to be sampled 4.9.15										

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK D. SWANN

SIGNATURE of SAMPLER: Mark Swan Pace DATE Signed (MM/DD/YY): 4.8.15

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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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1907181

Section A Required Client Information:

Company: SCS Bunc Newle
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: NCW LF COD
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	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) Fecal Tot Strep	DO	Stat. H_2O	TDS	SO4	Alk Cl	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92244677
1	MW-1					4.9.15	910		4	3		1						X	X	X	X	X	X	X		005
2	MW-1D					4.9	930		4	3		1						X	X	X	X	X	X	X		006
3	MW-12					4.9	1110		4	3		1						X	X	X	X	X	X	X		007
4	MW-12D					4.9	1130		4	3		1						X	X	X	X	X	X	X		008
5																										
6																										
7																										
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4.9.15	1145	[signature]	4.9.15	1145				
	[signature]	4.9.15	1225	[signature]	4/9/15	1225	1.6	Y	N	Y
							2.6			

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4.9.15

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 0.0 C

Corrected Cooler Temp.: 1.6/2.6 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C

Date and Initials of person examining contents: RDB 4/9/15

		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: JY **Date:** 4/9/15

SRF Review: JY **Date:** 4/10/15

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

92244677 OR

Handwrite project number (if no label available)

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

4-2015

Pace Analytical Services, Inc

Report Form for Field Monitoring

Location BUNC New LF CAD

Date	Time	Sampler	Sample ID	Water Level (Ft)	pH (units)	Temp (°C)	Specific Conductivity (uhmos)	Turbidity (NTU)	ORP	DO	Comments
4-9	910	MCS	MW-1	68.71	7.4	14.2	155	3.56	128.7	8.71	CLEAR, NO ODOR
4-9	930		MW 1D	70.45	6.4	14.5	169	3.21	164.3	6.80	CLEAR, NO ODOR
~~4-9~~											
4-9	1110		MW-12	12.11	6.5	9.9	687	2.86	125.7	4.27	CLEAR TO CLOUDY NO ODOR
4-9	1130		MW-12D	10.73	6.9	10.0	539	9.27	224.4	2.42	CLEAR NO ODOR
4-8	1555		MW-14	31.33	~~6.5~~ 6.5	15.7	198	150 (x10)	139.0	6.20	CLOUDY, NO ODOR
4-8	1600		MW 14D	31.37	6.8	15.4	250	3.63	157.1	7.95	CLEAR, NO ODOR
4-8-15	1515		MW-15S	22.29	6.0	16.9	371	34 (x2)	40.3	2.65	CLOUDY, NO ODOR
4-8	1525		MW-15d	26.74	6.3	16.8	416	15.7	61.2	3.86	CLOUDY, NO ODOR