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

NC DENR
Division of Waste Management - Solid Waste

Environmental Monitoring Reporting Form

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

Instructions:

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

Solid Waste Monitoring Data Submittal Information

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

SCS Engineers, PC - Consultant; Pace Labs - Laboratory

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

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

E-mail: ehilton@scsengineers.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Buncombe County New Landfill	85 Panther Road Alexander, North Carolina 28701	11-07	.1600	April 9-12, 2013

Environmental Status: (Check all that apply)

☐ Initial/Background Monitoring ☒ Detection Monitoring ☐ Assessment Monitoring ☐ Corrective Action

Type of data submitted: (Check all that apply)

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

Notification attached?

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

Certification

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

C. Ed Hilton, Jr., P.E. — Facility Representative Name (Print)

Vice President — Title

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

C. Edward Hilton 8/12/13

Signature — Date

Affix NC Licensed/Professional Geologist Seal

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

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

Facility Representative Address

C-1837

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

Revised 6/2009

ATTACHMENT TO NC DENR ENVIRONMENTAL MONITORING REPORT FORM

SPRING 2013 STATISTICAL ANALYSIS

NEW BUNCOMBE COUNTY LANDFILL PERMIT # 11-07

Constituents detected during the Spring 2013 sampling event were analyzed in order to determine whether there is statically significant evidence of contamination. This analysis was conducted by calculating Tolerance Intervals using background and compliance well data and the non-parametric method specified in EPA, 1992[1]. Additionally, a two-sample test of proportions was conducted by comparing the compliance locations to background locations and compliance limits using the non-parametric test as provided in the U.S. Navy 1999 Guidance Document[2]. Background concentrations from the shallow monitoring well (MW-1) were compared to shallow compliance wells MW-2 through MW-14 (installed April 5, 2006), with the exception of MW-9 which is no longer in service. The background concentrations from the deep monitoring well (MW-1D) were compared to the deep compliance wells (MW-2D, MW-4D, MW-5D, MW-8D, and MW-10D through MW-14D). Tolerance Interval calculations and the two-sample test of proportions are provided in the attached tables.

Compliance well concentrations exceeded the NCDENR's groundwater quality standard for: chromium (MW-4), cobalt (MW-2, MW-3, MW-4, MW-4D, MW-13, and MW-13D), vanadium (MW-2, MW-4, MW-4D, MW-5, MW-10, MW-14), and vinyl chloride (MW-3). These detections were within the calculated Tolerance Intervals and the two-sample test of proportions indicated these were not statistically significant. The exceedances are likely the result of background conditions.

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, and April 2013) may be attributed to landfill gas. Additional testing will be performed to evaluate the source of the landfill gas.

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

Compliance well concentrations fell outside calculated Tolerance Intervals for: 2,4-D (MW-7) and cyanide (MW-4D, MW-11D, MW-13, and MW-13D). However, NCDENR's groundwater

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.

quality standards were not exceeded for these parameters. Additionally, the two-sample test of proportions indicated these were not statistically significant.

Surface water concentrations exceeded the NCDENR's surface water quality standards for copper (SW-2, SW-3, SW-4, and SW-5) and zinc (SW-2, SW-4, and SW-5). Copper and zinc have previously been detected at levels exceeding NCDENR's surface water standards. These metals are considered naturally occurring.

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

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

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

92154064

WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MPS

Date: 4-16-13

Page 1 of 5

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-1	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-1D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	PUMP DISP BAILER	
MW-2	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-2D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-3	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	~~TFE~~ DISP BAILER	
MW-4	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	
MW-4D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	

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

MW-5	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFG Bailer	
MW-5D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Disp Bailer	
MW-6	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFG Bailer	

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

WELL CONDITION SUMMARY

Site: Buncombe County New Landfill

Personnel: MPS

Date: 4-16-13

Page 3 of 5

Well ID	Protective Casing	Well Casing	Label	Lock	Sample Equipment Type	Comments/Observations*
MW-7	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-8	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-8D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Disp Bailer	
MW-10	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-10D	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	Pump Disp Bailer	
MW-11	☑ OK ☐ Damaged	☑ OK ☐ Damaged	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	
MW-11D	☑ OK ☐ Damage	☑ OK ☐ Damage	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE Bailer	

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

	d	d				
MW-12	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	DISO BAILER	
MW-12D	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	DISO BAILER	
MW-13	☑ OK ☐ Damage d	☑ OK ☐ Damage d	☑ OK ☐ Inadequate	☑ Yes ☐ No	TFE BAILER	

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

	d	d				
	☐ OK ☐ Damage d	☐ OK ☐ Damage d	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damage d	☐ OK ☐ Damage d	☐ OK ☐ Inadequate	☐ Yes ☐ No		
	☐ OK ☐ Damage d	☐ OK ☐ Damage d	☐ OK ☐ Inadequate	☐ Yes ☐ No		

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

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1638416

Section A Required Client Information:

Company: SCS Engineers
Address: Tampa, FL
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To: Ken Guilbeau
Purchase Order No.:
Project Name: Buncombe Co LF New Appll
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

Matrix Codes MATRIX / CODE

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	8260 Appll	8270	8081/8082	Metals	Metals	Cyanide	Sulfide	TDS	Chloride	SO4	Alkalinity	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92154064
1	MW-1					4/9/13	11:20			X		X	X	X				X	X	X	X	X	X	X	X	X	X	X		001
2	MW-1D						12:10											X	X	X	X	X	X	X	X	X	X	X		002
3	MW-6						13:05											X	X	X	X	X	X	X						003
4	MW-7						13:45											X	X	X	X	X	X	X						004
5	MW-8						14:20											X	X	X	X	X	X	X						005
6	MW-8D						14:45											X	X	X	X	X	X	X						006
7	~~MW-~~																													
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Tom Rill	4/9/13	1530	[signature]	4/9/13	15:30	3.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK SWANN

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

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

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

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

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 3 of

1613455

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Sp.G. H_2O	App IX Full List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-11					4-9-13	1515		11	6		1	3	1			1	Y	Y	Y		92154064-007
2	MW-11D					4-9	1545		11	6		1	3	1			1	Y	Y	Y		-008
3	MW-13					4-9	1615		11	6		1	3	1			1	Y	Y	Y		-009
4	MW-13D					4-9	1645		11	6		1	3	1			1	Y	Y	Y		-010
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-9-13	1710	[signature]	4-9-13	1710				
	[signature]	4-9-13	1730	[signature]	4/10/13	0800	2.1	Y	N	Y

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

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWAN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-9-13

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

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

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1638431

Section A Required Client Information:

Company: SLS Engineers
Address: Tampa, FL
Email To:
Phone: Fax:
Requested Due Date/TAT:

Section B Required Project Information:

Report To: Ed Hilton
Copy To: Ken Guilbeau
Purchase Order No.:
Project Name: Buncombe Co New LF Appl
Project Number:

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): 5260 Appl	8270 Appl	8081/8082	Metals	Cyanide	Sulfide	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MW-2					4/10	14:50																		-011
2	MW-2D						15:00																		-012
3	MW-3						15:20																		-013
4	MW-4						15:40																		-014
5	MW-4D						15:45																		-015
6																									
7																									
8																									
9																									
10																									
11																									
12																									

92154064

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Jon RW	4/10/13	1640	Jon RW	1640	4/10	4.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

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

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

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

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: March 13, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.09	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS - Buncombe New L.F.

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

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

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

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

IR Gun Back Up- 111565135

Temp Correction Factor: Add / Subtract 0.1 C

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

Temp should be above freezing to 6°C

Date and Initials of person examining contents: DM

				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: WS				
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No		**Initial when completed** DM
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: DM **Date:** 4/9

SRF Review: DM **Date:** 4/9

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

OR 9215406 4

Handwrite project number (if no label available)

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1613457

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	COLLECTED Composite Start TIME	COLLECTED Composite End/Grab DATE	COLLECTED Composite End/Grab TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): FLD	Static H_2O	Appr II VOC	Appr II Acid	Appr II List	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9214064
1	MW-5					4-11-13	1100		13	7		1	3	2				X	X			X		016
2	MW-5D					4-11	1125		13	7		1	3	2				X	X			X		017
3	MW-10					4-11	1230		13	7		1	3	2				X	X			X		018
4	MW-10D					4-11	1300		13	7		1	3	2				X	X			X		019
5																								
6	MW-12					4-11-13	1020		4			1	3					X	X	X	X			020
7	MW-12D					4-11	1030		4			1	3					X	X	X	X			021
8	MW-14					4-11	945		4			1	3					X	X	X	X			022
9	MW-14D					4-11	955		4			1	3					X	X	X	X			023
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
		4-11-13	1330	[signature] / Pace	4-11-13	1330				
	[signature] Pace	4-11-13	1345	[signature]	4/11/13	1345	3.8	Y	N	Y

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

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWANN

SIGNATURE of SAMPLER: [signature] Pace

DATE Signed (MM/DD/YY): 4-11-13

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

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

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: March 13, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.09	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS - Buncombe New L.F.

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

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

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

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

IR Gun Back-Up- 111565135

Temp Correction Factor: Add / Subtract 0.1 C

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

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: DM

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: -Includes date/time/ID/Analysis Matrix: WT	☑Yes	☐No	☐N/A	12.
All containers needing preservation have been checked.	☑Yes	☐No	☐N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☑Yes	☐No	☐N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No		**Initial when completed** DM
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: DM **Date:** 4/9

SRF Review: DM **Date:** 4/9

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

OR 9215406 4

Handwrite project number (if no label available)

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1638404

Section A Required Client Information:

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

Section B Required Project Information:

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

Section C Invoice Information:

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

REGULATORY AGENCY

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

Site Location STATE: NC

Section D Required Client Information

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

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

Requested Analysis Filtered (Y/N)

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): FCA	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92154064
1	SW-1					4-12-13	1030		4			1	3					X	X	X		24 ~~001~~
2	SW-2					4-12	1045		4			1	3					X	X	X		25 ~~002~~
3	SW-3					4-12	1400		4			1	3					X	X	X		26 ~~003~~
4	SW-4					4-12	1155		4			1	3					X	X	X		27 ~~004~~
5	SW-5					4-12	1115		4			1	3					X	X	X		28 ~~005~~
6	Leachate					4-12	1230		4			1	3					X	X	X		29 ~~006~~
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4-12-13	1500	[signature]	4-12-13	1500				
	[signature]	4-12-13	1520	[signature]	4/12/13	1520	3.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK L. SWAN
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-12-13

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

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

Pace Analytical®
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: of

1638405

Section A
Required Client Information:

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

Section B
Required Project Information:

Report To: Ed Hilton
Copy To:
Purchase Order No.:
Project Name: Bunc New LF LDS
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): Fuel	VOC	Metals	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	LD-1					4-12-13	1430		4			1	3					X	X	X		-030
2	LD-2					4-12	1300		4			1	3					X	X	X		-031
3	LD-3					4-12	1400		4			1	3					X	X	X		-032
4	LD-4					4-12	1360		4			1	3					X	X	X		-033
5	LD-5					4-12	1215		4			1	3					X	X	X		-034
6	LD-6					4-12	1320		4			1	3					X	X	X		-035
7	Leachate LD					4-12	1240		2			1	3					DRY				-036
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
		4-12-13	1500	[signature]	4-12-13	1500				
	[signature]	4-12-13	1520	[signature]	4/12/13	1520	3.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: MARK P. SWANN

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 4-12-13

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

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

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: March 13, 2013 Page 1 of 2
	Document No.: F-ASV-CS-003-rev.09	Issuing Authorities: Pace Asheville Quality Office

Client Name: SCS - Buncombe New L.F.

Where Received: ☐ Huntersville ☑ Asheville ☐ Eden ☐ Raleigh

Courier (Circle): Fed Ex UPS USPS Client Commercial Pace Other_____

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

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

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

IR Gun Back Up- 111565135

Temp Correction Factor: Add / Subtract 0.1 C

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

Temp should be above freezing to 6°C

Date and Initials of person examining contents: DM

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

SRF Review: DM **Date:** 4/9

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

Place label here

OR 92154064

Handwrite project number (if no label available)

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

New LF 4-12-13 92154064

Facility Permit #	Waste Unit #	Sample ID	Sampler(s)	Date of Sampling	Time of Sampling	Water Level Depth (Ft.)	Temperature (degrees C)	pH (units)	Specific Conductance (uhmos)	Turbidity (NTU)
		SW-1	MPS	4-12-13	1030		14.0	6.7	118	22.9
		SW-2			1045		14.3	7.2	194	99
		SW-3			1420		19.7	7.1	143	28
		SW-4			1155		18.0	7.3	127	320
		SW-5			1115		18.1	7.2	402	260
		~~SW-6~~								
		Leachate			1230		17.7	7.0	2931	42
		LD 5								
		LD-1			1430		17.0	5.4	494	6.89
		LD-2			1300		13.7	5.9	293	0.95
		LD-3			1400		15.7	6.5	411	12.8
		LD-4			1340		15.9	3.5	465	14.8
		LD-5			1215		16.1	6.3	757	10.33
		LD-6			1320		16.7	6.6	778	6.21
		Leachate LD			1240	Dry				

Recommended Field Data Template for NC DENR EDD Reporting

92154064

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

4-2013 Bunc Ncw LF

Facility Permit #	Waste Unit #	Sample ID	Sampler(s)	Date of Sampling	Time of Sampling	Water Level Depth (Ft.)	Temperature (degrees C)	pH (units)	Specific Conductance (uhmos)	Turbidity (NTU)
		MW-1	MPS	4-9-~~12~~	1120	70.11	16.4	6.2	127	11.8
		MW-1D	MPS	4-9-~~12~~	1210	73.37	15.9	7.7	216	5.78
		~~MW~~								
		MW-2	MPS TRW	4-10	1450	8.36	14.7	6.3	166	10.24
		MW-2D	MPS TRW	4-10	1500	7.92	13.5	6.7	228	0.12
		MW-3	MPS TRW	4-10	1520	29.65	16.6	6.0	315	9.12
		MW-4	MPS TRW	4-10	1540	12.17	16.7	6.1	154	39.7
		MW-4D	MPS TRW	4-10	1545	12.73	15.2	6.4	254	54.3
		MW-5		4-11	1100	34.11	16.9	6.4	207	7.27
		MW-5D		4-11	1125	35.73	16.7	6.4	195	8.07
		MW-6	MPS	4-9	1305	25.93	17.0	5.9	148	3.38
		MW-7	MPS TRW	4-9	1345	45.02	19.6	6.1	672	2.89
		MW 8	MPS TRW	4-9-~~12~~	1420	34.69	17.7	6.4	265	6.50
		MW 8D	MPS TRW	4-9-12	1445	33.86	17.7	6.3	334	0.62

Recommended Field Data Template for NC DENR EDD Reporting

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

Buncombe

Facility Permit #	Waste Unit #	Sample ID	Sampler(s)	Date of Sampling	Time of Sampling	Water Level Depth (Ft.)	Temperature (degrees C)	pH (units)	Specific Conductance (uhmos)	Turbidity (NTU)
		MW-10	MPI	4-11	1230	69.28	16.0	6.1	307	2.44
		MW-10D		4-11	1300	69.71	16.4	6.7	264	1.68
		MW-11		4-9	1515	31.25	16.8	6.5	393	0.56
		MW-11D		4-9	1545	31.38	15.5	6.4	362	3.48
		MW-12		4-11-13	1020	11.47	13.6	6.2	514	0.92
		MW-12D		4-11	1030	10.43	13.4	6.7	351	9.72
		MW-13		4-9-13	1615	4.04	14.1	6.3	372	4.65
		MW-13D		4-9	1645	6.05	14.3	6.1	374	0.39
		MW-14		4-11-13	945	29.31	14.3	6.2	204	18.3
		MW-14D		4-11	955	29.36	14.0	7.0	279	1.43

Recommended Field Data Template for NC DENR EDD Reporting

Detections By Date Range

Buncombe County New Facility

From: 4/9/2013 **To:** 4/11/2013

Site ID	Analyte	Date	Result	
MW-1				
	Barium			
		4/9/2013	174	ug/L
	Chromium			
		4/9/2013	5.6	ug/L
	Cobalt			
		4/9/2013	7.9	ug/L
	Copper			
		4/9/2013	8.1	ug/L
	Cyanide- Total			
		4/9/2013	0.0059	mg/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
	Vanadium			
		4/9/2013	13.4	ug/L
	Zinc			
		4/9/2013	14.7	ug/L
MW-10				
	Barium			
		4/11/2013	127	ug/L
	Copper			
		4/11/2013	5.1	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
	Vanadium			
		4/11/2013	5.5	ug/L
	Zinc			
		4/11/2013	24	ug/L

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

Site ID	Analyte	Date	Result	
MW-10D				
	Barium			
		4/11/2013	25.1	ug/L
	Nickel			
		4/11/2013	10	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
	Zinc			
		4/11/2013	16	ug/L
MW-11				
	Barium			
		4/9/2013	74.2	ug/L
	Cyanide- Total			
		4/9/2013	0.005	mg/L
	Nickel			
		4/9/2013	5.3	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
MW-11D				
	Barium			
		4/9/2013	14.7	ug/L
	Cyanide- Total			
		4/9/2013	0.006	mg/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
	Zinc			
		4/9/2013	23.8	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-12				
	Barium			
		4/11/2013	72.8	ug/L
	Nickel			
		4/11/2013	5.8	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
MW-12D				
	Barium			
		4/11/2013	43.3	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
MW-13				
	Barium			
		4/9/2013	131	ug/L
	Cobalt			
		4/9/2013	6.4	ug/L
	Cyanide- Total			
		4/9/2013	0.0066	mg/L
	Nickel			
		4/9/2013	7.2	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
	Zinc			
		4/9/2013	13.4	ug/L

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

Site ID	Analyte	Date	Result	
MW-13D				
	Barium			
		4/9/2013	260	ug/L
	Cobalt			
		4/9/2013	24.5	ug/L
	Cyanide- Total			
		4/9/2013	0.0093	mg/L
	Nickel			
		4/9/2013	18.8	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
MW-14				
	Barium			
		4/11/2013	48.7	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
	Vanadium			
		4/11/2013	6.3	ug/L
MW-14D				
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU

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

Site ID	Analyte	Date	Result	
MW-1D				
	Barium			
		4/9/2013	29.4	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
MW-2				
	Barium			
		4/10/2013	121	ug/L
	Chromium			
		4/10/2013	5.4	ug/L
	Cobalt			
		4/10/2013	10.8	ug/L
	Cyanide- Total			
		4/10/2013	0.0053	mg/L
	Nickel			
		4/10/2013	6	ug/L
	pH			
		4/10/2013	0.1	Std.
	Specific Conductance			
		4/10/2013	1	umh
	Temperature			
		4/10/2013	0.5	deg
	Turbidity			
		4/10/2013	1	NTU
	Vanadium			
		4/10/2013	7.1	ug/L
	Zinc			
		4/10/2013	26.4	ug/L
MW-2D				
	Barium			
		4/10/2013	82.3	ug/L
	pH			
		4/10/2013	0.1	Std.
	Specific Conductance			
		4/10/2013	1	umh
	Temperature			
		4/10/2013	0.5	deg
	Turbidity			
		4/10/2013	1	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-3				
	Barium			
		4/10/2013	183	ug/L
	Cobalt			
		4/10/2013	19.2	ug/L
	Copper			
		4/10/2013	5.8	ug/L
	Nickel			
		4/10/2013	24.9	ug/L
	pH			
		4/10/2013	0.1	Std.
	Specific Conductance			
		4/10/2013	1	umh
	Temperature			
		4/10/2013	0.5	deg
	Turbidity			
		4/10/2013	1	NTU
	Vinyl chloride			
		4/10/2013	1.3	ug/L
	Zinc			
		4/10/2013	12.6	ug/L
MW-4				
	Barium			
		4/10/2013	206	ug/L
	Chromium			
		4/10/2013	33.4	ug/L
	Cobalt			
		4/10/2013	22	ug/L
	Copper			
		4/10/2013	35	ug/L
	Nickel			
		4/10/2013	18.7	ug/L
	pH			
		4/10/2013	0.1	Std.
	Specific Conductance			
		4/10/2013	1	umh
	Temperature			
		4/10/2013	0.5	deg
	Turbidity			
		4/10/2013	1	NTU
	Vanadium			
		4/10/2013	67.7	ug/L
	Zinc			
		4/10/2013	29.4	ug/L

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

Site ID	Analyte	Date	Result	
MW-4D				
	Barium			
		4/10/2013	53.9	ug/L
	Chromium			
		4/10/2013	6.5	ug/L
	Cobalt			
		4/10/2013	6.6	ug/L
	Copper			
		4/10/2013	10.1	ug/L
	Cyanide- Total			
		4/10/2013	0.0071	mg/L
	pH			
		4/10/2013	0.1	Std.
	Specific Conductance			
		4/10/2013	1	umh
	Temperature			
		4/10/2013	0.5	deg
	Turbidity			
		4/10/2013	1	NTU
	Vanadium			
		4/10/2013	31	ug/L
	Zinc			
		4/10/2013	11.8	ug/L
MW-5				
	Barium			
		4/11/2013	96.2	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
	Vanadium			
		4/11/2013	5.1	ug/L
	Zinc			
		4/11/2013	18.7	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-5D				
	Barium			
		4/11/2013	68.8	ug/L
	pH			
		4/11/2013	0.1	Std.
	Specific Conductance			
		4/11/2013	1	umh
	Temperature			
		4/11/2013	0.5	deg
	Turbidity			
		4/11/2013	1	NTU
MW-6				
	Barium			
		4/9/2013	53.4	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
MW-7				
	1,1-Dichloroethane			
		4/9/2013	2.8	ug/L
	2,4-D			
		4/9/2013	46	ug/L
	Barium			
		4/9/2013	138	ug/L
	Nickel			
		4/9/2013	12.4	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU

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

Site ID	Analyte	Date	Result	
MW-8				
	Barium			
		4/9/2013	111	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU
MW-8D				
	Barium			
		4/9/2013	123	ug/L
	pH			
		4/9/2013	0.1	Std.
	Specific Conductance			
		4/9/2013	1	umh
	Temperature			
		4/9/2013	0.5	deg
	Turbidity			
		4/9/2013	1	NTU

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

Exceedances by Date Range

Buncombe County New Facility

From: 4/9/2013 ***To:*** 4/11/2013

Site ID	*Analyte*		*Date*	*Result*
MW-1				
	Cobalt			
	MCL:	1 ug/L		
			4/9/2013	7.9 ug/L
	Vanadium			
	MCL:	0.3 ug/L		
			4/9/2013	13.4 ug/L
MW-10				
	Vanadium			
	MCL:	0.3 ug/L		
			4/11/2013	5.5 ug/L
MW-13				
	Cobalt			
	MCL:	1 ug/L		
			4/9/2013	6.4 ug/L
MW-13D				
	Cobalt			
	MCL:	1 ug/L		
			4/9/2013	24.5 ug/L
MW-14				
	Vanadium			
	MCL:	0.3 ug/L		
			4/11/2013	6.3 ug/L
MW-2				
	Cobalt			
	MCL:	1 ug/L		
			4/10/2013	10.8 ug/L
	Vanadium			
	MCL:	0.3 ug/L		
			4/10/2013	7.1 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-3						
	Cobalt					
	MCL:	1	ug/L			
				4/10/2013	19.2	ug/L
	Vinyl chloride					
	MCL:	0.03	ug/L			
				4/10/2013	1.3	ug/L
MW-4						
	Chromium					
	MCL:	10	ug/L			
				4/10/2013	33.4	ug/L
	Cobalt					
	MCL:	1	ug/L			
				4/10/2013	22	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				4/10/2013	67.7	ug/L
MW-4D						
	Cobalt					
	MCL:	1	ug/L			
				4/10/2013	6.6	ug/L
	Vanadium					
	MCL:	0.3	ug/L			
				4/10/2013	31	ug/L
MW-5						
	Vanadium					
	MCL:	0.3	ug/L			
				4/11/2013	5.1	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.

Exceedance Summary

Buncombe County New Facility

Site ID	*Analyte*		*SampleDate*	*Result*	
SW-1					
	Copper				
	MCL:	7 ug/l			
			10/28/2002	8.1	ug/
			10/4/2010	11.3	ug/
	Zinc				
	MCL:	50 ug/l			
			4/11/2005	66	ug/
			10/4/2010	61.2	ug/

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.

If Cadmium, Chromium, Copper, Lead, Nickel, or Zinc exceedance verify with Metals Calculator using date specific hardness

Site ID	Analyte		SampleDate	Result	
SW-2					
	Beryllium				
	MCL:	0.0065 ug/l			
			11/2/1999	5	ug/
	Cadmium				
	MCL:	2 ug/l			
			11/2/1999	4 I	ug/
	Copper				
	MCL:	7 ug/l			
			11/2/1999	14 I	ug/
			4/4/2000	11 I	ug/
			9/22/2006	9.8	ug/
			4/12/2013	7.6	ug/
	Selenium				
	MCL:	5 ug/l			
			11/2/1999	6 I	ug/
	Zinc				
	MCL:	50 ug/l			
			11/2/1999	80 I	ug/
			4/12/2013	60.1	ug/

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.

If Cadmium, Chromium, Copper, Lead, Nickel, or Zinc exceedance verify with Metals Calculator using date specific hardness

Site ID	Analyte		SampleDate	Result	
SW-3					
	Arsenic				
	MCL:	10 ug/l			
			4/30/2001	13	ug/
	Beryllium				
	MCL:	0.0065 ug/l			
			4/30/2001	5.9	ug/
	Cadmium				
	MCL:	2 ug/l			
			4/30/2001	10	ug/
	Copper				
	MCL:	7 ug/l			
			11/2/1999	9 I	ug/
			4/30/2001	150	ug/
			9/24/2004	7.5	ug/
			4/2/2010	354	ug/
			4/12/2013	7.6	ug/
	Lead				
	MCL:	25 ug/l			
			4/30/2001	62	ug/
	Nickel				
	MCL:	88 ug/l			
			11/2/1999	90	ug/
			4/30/2001	650	ug/

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.

If Cadmium, Chromium, Copper, Lead, Nickel, or Zinc exceedance verify with Metals Calculator using date specific hardness

Site ID	Analyte		SampleDate	Result	
SW-3					
	Zinc				
	MCL:	50 ug/l			
			11/2/1999	70 I	ug/
			4/4/2000	51 I	ug/
			4/30/2001	700	ug/
			4/2/2010	356	ug/

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.

If Cadmium, Chromium, Copper, Lead, Nickel, or Zinc exceedance verify with Metals Calculator using date specific hardness

Site ID	Analyte		SampleDate	Result	
SW-4					
	Arsenic				
	MCL:	10 ug/l			
			4/26/2002	18	ug/
	Beryllium				
	MCL:	0.0065 ug/L			
			4/30/1998	1 I	ug/
			4/26/2002	3.9	ug/
			3/23/2007	0.32 J	ug/
	Copper				
	MCL:	7 ug/L			
			4/30/1998	8 I	ug/
			4/26/2002	78	ug/
			10/28/2002	7.8	ug/
			3/24/2003	11	ug/
			9/26/2003	19	ug/
			3/23/2007	11	ug/
			3/24/2008	8.6	ug/
			9/30/2009	21.7	ug/
			10/4/2010	8.6	ug/
			4/12/2013	36.9	ug/
	Nickel				
	MCL:	88 ug/l			
			4/26/2002	1500	ug/
			10/28/2002	170	ug/
	Zinc				
	MCL:	50 ug/l			
			10/22/2001	54	ug/
			4/26/2002	660	ug/

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.

If Cadmium, Chromium, Copper, Lead, Nickel, or Zinc exceedance verify with Metals Calculator using date specific hardness

Site ID	Analyte		SampleDate	Result	
SW-4					
			10/28/2002	130	ug/
			3/24/2003	69	ug/
			9/26/2003	92	ug/
			4/12/2013	68	ug/
SW-5					
	Copper				
	MCL:	7 ug/L			
			3/24/2008	13.1	ug/
			4/12/2013	23.8	ug/
	Selenium				
	MCL:	5 ug/l			
			9/26/2003	7.2	ug/
	Silver				
	MCL:	0.06 ug/L			
			10/3/2007	0.56 J	ug/
	Zinc				
	MCL:	50 ug/l			
			3/25/2003	100	ug/
			11/5/2004	72	ug/
			4/11/2005	330	ug/
			4/12/2013	52.5	ug/

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.

If Cadmium, Chromium, Copper, Lead, Nickel, or Zinc exceedance verify with Metals Calculator using date specific hardness

Non-Parametric Tolerance Interval

Parameter: 1,1-Dichloroethane

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 71.8261%
Background measurements (n) = 27
Maximum Background Concentration = 2.5
Minimum Coverage = 89.5%
Average Coverage = 96.4286%

Location	Date	Value	Significant
MW-3	**4/16/1992**	**54**	**TRUE**
MW-3	**5/4/1992**	**82**	**TRUE**
MW-3	**9/21/1992**	**73**	**TRUE**
MW-3	**4/9/1993**	**84**	**TRUE**
MW-3	**7/18/1994**	**83**	**TRUE**
MW-3	**12/12/1994**	**73**	**TRUE**
MW-3	**10/15/1996**	**95**	**TRUE**
MW-3	**5/14/1997**	**120 QL**	**TRUE**
MW-3	**11/20/1997**	**110**	**TRUE**
MW-3	4/14/1998	ND<0.5 U	FALSE
MW-3	**4/29/1998**	**110**	**TRUE**
MW-3	11/9/1998	ND<0.5 U	FALSE
MW-3	**11/17/1998**	**92**	**TRUE**
MW-3	4/27/1999	ND<0.5 U	FALSE
MW-3	**5/7/1999**	**100**	**TRUE**
MW-3	11/1/1999	ND<0.5 U	FALSE
MW-3	**11/6/1999**	**99**	**TRUE**
MW-3	4/3/2000	ND<0.5 U	FALSE
MW-3	**4/12/2000**	**100**	**TRUE**
MW-3	**11/3/2000**	**89**	**TRUE**
MW-3	11/6/2000	ND<2.5 U	FALSE
MW-3	**5/3/2001**	**95**	**TRUE**
MW-3	10/22/2001	ND<1 U	FALSE
MW-3	**10/25/2001**	**67.3**	**TRUE**
MW-3	4/29/2002	ND<0.5 U	FALSE
MW-3	**5/2/2002**	**50**	**TRUE**
MW-3	**10/31/2002**	**81**	**TRUE**
MW-3	3/24/2003	ND<2.5 U	FALSE
MW-3	**4/3/2003**	**51**	**TRUE**
MW-3	9/29/2003	ND<0.5 U	FALSE
MW-3	**10/3/2003**	**44**	**TRUE**
MW-3	3/30/2004	ND<0.5 U	FALSE
MW-3	**4/2/2004**	**71**	**TRUE**
MW-3	9/27/2004	ND<0.5 U	FALSE
MW-3	**9/30/2004**	**73**	**TRUE**
MW-3	**3/30/2005**	**51**	**TRUE**
MW-3	4/11/2005	ND<0.5 U	FALSE
MW-3	9/26/2005	ND<0.5 U	FALSE
MW-3	**9/29/2005**	**55**	**TRUE**
MW-3	**9/29/2006**	**44**	**TRUE**
MW-3	3/27/2007	ND<0.5 U	FALSE
MW-3	**3/30/2007**	**43**	**TRUE**
MW-3	**9/26/2007**	**42.6**	**TRUE**
MW-3	9/28/2007	ND<0.5 U	FALSE

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

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

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

MW-4	5/4/1992	ND<1 U	FALSE
MW-4	9/21/1992	ND<2.5 U	FALSE
MW-4	7/18/1994	ND<2.5 U	FALSE
MW-4	12/14/1994	ND<2.5 U	FALSE
MW-4	**10/15/1996**	**11**	**TRUE**
MW-4	**5/13/1997**	**12 I**	**TRUE**
MW-4	**11/20/1997**	**19**	**TRUE**
MW-4	4/15/1998	ND<0.5 U	FALSE
MW-4	4/29/1998	2 I	FALSE
MW-4	11/9/1998	ND<0.5 U	FALSE
MW-4	**11/16/1998**	**30**	**TRUE**
MW-4	4/26/1999	ND<0.5 U	FALSE
MW-4	**5/6/1999**	**32**	**TRUE**
MW-4	11/1/1999	ND<0.5 U	FALSE
MW-4	**11/6/1999**	**46**	**TRUE**
MW-4	4/4/2000	ND<0.5 U	FALSE
MW-4	**4/12/2000**	**56**	**TRUE**
MW-4	**11/3/2000**	**64**	**TRUE**
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	**5/3/2001**	**61**	**TRUE**

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

MW-5	5/4/1992	ND<1 U	FALSE
MW-5	9/21/1992	ND<2.5 U	FALSE
MW-5	**7/15/1994**	**24**	**TRUE**
MW-5	**10/21/1994**	**26**	**TRUE**
MW-5	**12/14/1994**	**25**	**TRUE**
MW-5	**3/16/1995**	**26**	**TRUE**
MW-5	**6/22/1995**	**31**	**TRUE**
MW-5	**10/4/1995**	**24**	**TRUE**
MW-5	**10/16/1996**	**18**	**TRUE**
MW-5	**5/13/1997**	**16 I**	**TRUE**
MW-5	**11/20/1997**	**18**	**TRUE**

MW-5	4/13/1998	ND<0.5 U	FALSE
MW-5	**4/29/1998**	**15**	**TRUE**
MW-5	11/11/1998	ND<0.5 U	FALSE
MW-5	**11/16/1998**	**17**	**TRUE**
MW-5	4/26/1999	ND<0.5 U	FALSE
MW-5	**5/6/1999**	**14**	**TRUE**
MW-5	11/2/1999	ND<0.5 U	FALSE
MW-5	**11/6/1999**	**16**	**TRUE**
MW-5	4/3/2000	ND<0.5 U	FALSE
MW-5	**4/12/2000**	**13**	**TRUE**
MW-5	**11/1/2000**	**8.53**	**TRUE**
MW-5	11/6/2000	ND<2.5 U	FALSE
MW-5	**5/3/2001**	**8.6**	**TRUE**
MW-5	10/22/2001	ND<1 U	FALSE
MW-5	**10/24/2001**	**6.91**	**TRUE**
MW-5	4/29/2002	ND<0.5 U	FALSE
MW-5	**5/1/2002**	**6.3**	**TRUE**
MW-5	12/3/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<0.5 U	FALSE
MW-5	10/3/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	ND<0.5 U	FALSE
MW-5	**4/2/2004**	**3.4**	**TRUE**
MW-5	9/27/2004	ND<0.5 U	FALSE
MW-5	9/30/2004	ND<2.5 U	FALSE
MW-5	**3/30/2005**	**3.1**	**TRUE**
MW-5	4/12/2005	ND<0.5 U	FALSE
MW-5	9/26/2005	ND<0.5 U	FALSE
MW-5	**9/29/2005**	**3.4**	**TRUE**
MW-5	9/29/2006	2.5	FALSE
MW-5	3/27/2007	ND<0.5 U	FALSE
MW-5	3/29/2007	2.5	FALSE
MW-5	9/26/2007	2.2	FALSE
MW-5	9/27/2007	ND<0.5 U	FALSE
MW-5	3/26/2008	ND<0.16 U	FALSE
MW-5	3/31/2008	1.8	FALSE
MW-5	9/23/2008	1.6	FALSE
MW-5	9/30/2008	ND<0.5 U	FALSE
MW-5	3/26/2009	ND<0.5 U	FALSE
MW-5	3/30/2009	1.9	FALSE
MW-5	10/2/2009	ND<0.5 U	FALSE
MW-5	10/7/2009	1.3	FALSE
MW-5	3/30/2010	1.1	FALSE
MW-5	4/2/2010	ND<0.5 U	FALSE
MW-5	9/28/2010	1.4	FALSE
MW-5	10/6/2010	ND<0.5 U	FALSE
MW-5	3/25/2011	ND<0.5 U	FALSE
MW-5	4/4/2011	1.3	FALSE
MW-5	10/5/2011	ND<0.5 U	FALSE
MW-5	10/10/2011	1.3	FALSE
MW-5	4/5/2012	ND<0.5 U	FALSE
MW-5	4/10/2012	1.3	FALSE
MW-5	10/3/2012	ND<0.5 U	FALSE
MW-5	10/10/2012	1.2	FALSE
MW-5	4/1/2013	1	FALSE
MW-5	4/11/2013	ND<0.16 U	FALSE

MW-6	5/4/1992	ND<1 U	FALSE
MW-6	9/21/1992	ND<2.5 U	FALSE
MW-6	**7/15/1994**	**12**	**TRUE**
MW-6	**10/21/1994**	**24**	**TRUE**
MW-6	**12/14/1994**	**21**	**TRUE**
MW-6	**3/16/1995**	**30**	**TRUE**
MW-6	6/22/1995	ND<2.5 U	FALSE
MW-6	**10/4/1995**	**33**	**TRUE**
MW-6	**10/15/1996**	**39**	**TRUE**
MW-6	**11/20/1997**	**41**	**TRUE**
MW-6	4/13/1998	ND<0.5 U	FALSE
MW-6	**4/28/1998**	**30**	**TRUE**
MW-6	11/11/1998	ND<0.5 U	FALSE
MW-6	**11/16/1998**	**35**	**TRUE**
MW-6	4/26/1999	ND<0.5 U	FALSE
MW-6	**5/5/1999**	**26**	**TRUE**
MW-6	11/2/1999	ND<0.5 U	FALSE
MW-6	**11/5/1999**	**35**	**TRUE**
MW-6	4/3/2000	ND<0.5 U	FALSE
MW-6	**4/12/2000**	**30**	**TRUE**
MW-6	**11/2/2000**	**19**	**TRUE**
MW-6	11/6/2000	ND<2.5 U	FALSE
MW-6	**5/3/2001**	**14**	**TRUE**
MW-6	10/22/2001	ND<1 U	FALSE
MW-6	**10/24/2001**	**23.2**	**TRUE**
MW-6	4/29/2002	ND<0.5 U	FALSE
MW-6	**5/2/2002**	**23**	**TRUE**
MW-6	12/3/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	**4/25/2003**	**28**	**TRUE**
MW-6	9/29/2003	ND<0.5 U	FALSE
MW-6	**10/2/2003**	**29**	**TRUE**
MW-6	3/30/2004	ND<0.5 U	FALSE
MW-6	**4/2/2004**	**32**	**TRUE**
MW-6	9/27/2004	ND<0.5 U	FALSE
MW-6	**9/29/2004**	**26**	**TRUE**
MW-6	**3/30/2005**	**28**	**TRUE**
MW-6	4/12/2005	ND<0.5 U	FALSE
MW-6	9/26/2005	ND<0.5 U	FALSE
MW-6	**9/30/2005**	**21**	**TRUE**
MW-6	**9/29/2006**	**14**	**TRUE**
MW-6	3/27/2007	ND<0.5 U	FALSE
MW-6	**3/29/2007**	**11**	**TRUE**
MW-6	**9/27/2007**	**10.9**	**TRUE**
MW-6	3/26/2008	ND<0.16 U	FALSE
MW-6	**4/1/2008**	**11.9**	**TRUE**
MW-6	**9/23/2008**	**14.1**	**TRUE**
MW-6	9/30/2008	ND<0.5 U	FALSE
MW-6	3/26/2009	ND<0.5 U	FALSE
MW-6	**3/31/2009**	**17.8**	**TRUE**
MW-6	10/2/2009	ND<0.5 U	FALSE
MW-6	**10/7/2009**	**11.3**	**TRUE**
MW-6	**3/30/2010**	**12.8**	**TRUE**
MW-6	4/2/2010	ND<0.5 U	FALSE
MW-6	10/6/2010	ND<0.5 U	FALSE

MW-6	**10/22/2010**	**9.5**	**TRUE**
MW-6	3/25/2011	ND<0.5 U	FALSE
MW-6	**4/7/2011**	**8.9**	**TRUE**
MW-6	10/5/2011	ND<0.5 U	FALSE
MW-6	**10/11/2011**	**8.7**	**TRUE**
MW-6	4/4/2012	ND<0.5 U	FALSE
MW-6	**4/10/2012**	**9.6**	**TRUE**
MW-6	10/3/2012	ND<0.5 U	FALSE
MW-6	**10/11/2012**	**9.4**	**TRUE**
MW-6	**4/1/2013**	**6.8**	**TRUE**
MW-6	4/9/2013	ND<0.16 U	FALSE

MW-7	4/8/1993	ND<2.5 U	FALSE
MW-7	7/14/1994	ND<2.5 U	FALSE
MW-7	**12/14/1994**	**7.4**	**TRUE**
MW-7	3/16/1995	ND<2.5 U	FALSE
MW-7	**10/11/1996**	**16**	**TRUE**
MW-7	5/12/1997	ND<2.5 U	FALSE
MW-7	**11/17/1997**	**13**	**TRUE**
MW-7	4/13/1998	ND<0.5 U	FALSE
MW-7	**4/28/1998**	**5**	**TRUE**
MW-7	**11/11/1998**	**20**	**TRUE**
MW-7	4/26/1999	ND<0.5 U	FALSE
MW-7	**5/5/1999**	**13**	**TRUE**
MW-7	11/2/1999	ND<0.5 U	FALSE
MW-7	**11/6/1999**	**28**	**TRUE**
MW-7	4/3/2000	ND<0.5 U	FALSE
MW-7	**4/13/2000**	**19**	**TRUE**
MW-7	11/6/2000	ND<2.5 U	FALSE
MW-7	10/22/2001	ND<1 U	FALSE
MW-7	4/29/2002	ND<0.5 U	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	ND<0.5 U	FALSE
MW-7	3/30/2004	ND<0.5 U	FALSE
MW-7	9/27/2004	ND<0.5 U	FALSE
MW-7	4/12/2005	ND<0.5 U	FALSE
MW-7	9/26/2005	ND<0.5 U	FALSE
MW-7	**9/30/2005**	**6.8**	**TRUE**
MW-7	**9/29/2006**	**8**	**TRUE**
MW-7	3/27/2007	ND<0.5 U	FALSE
MW-7	**3/29/2007**	**14**	**TRUE**
MW-7	**9/26/2007**	**20.6**	**TRUE**
MW-7	9/27/2007	ND<0.5 U	FALSE
MW-7	3/26/2008	ND<0.16 U	FALSE
MW-7	9/26/2008	ND<0.5 U	FALSE
MW-7	3/26/2009	ND<0.5 U	FALSE
MW-7	10/1/2009	ND<0.5 U	FALSE
MW-7	4/2/2010	ND<0.5 U	FALSE
MW-7	10/6/2010	1.8	FALSE
MW-7	3/25/2011	2.2	FALSE
MW-7	10/5/2011	2.1	FALSE
MW-7	4/4/2012	2.1	FALSE
MW-7	10/3/2012	2.3	FALSE
MW-7	**4/1/2013**	**11**	**TRUE**
MW-7	**4/9/2013**	**2.8**	**TRUE**

MW-8	4/8/1993	ND<2.5 U	FALSE
MW-8	7/14/1994	ND<2.5 U	FALSE
MW-8	12/15/1994	ND<2.5 U	FALSE
MW-8	10/15/1996	ND<2.5 U	FALSE
MW-8	5/12/1997	ND<2.5 U	FALSE
MW-8	11/19/1997	ND<0.5 U	FALSE
MW-8	4/17/1998	ND<0.5 U	FALSE
MW-8	4/28/1998	ND<0.5 U	FALSE
MW-8	11/10/1998	ND<0.5 U	FALSE
MW-8	11/11/1998	ND<0.5 U	FALSE
MW-8	4/26/1999	ND<0.5 U	FALSE
MW-8	5/5/1999	ND<0.5 U	FALSE
MW-8	11/1/1999	ND<0.5 U	FALSE
MW-8	11/6/1999	ND<0.5 U	FALSE
MW-8	4/3/2000	ND<0.5 U	FALSE
MW-8	4/13/2000	ND<0.5 U	FALSE
MW-8	11/1/2000	ND<2.5 U	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	5/2/2001	ND<2.5 U	FALSE
MW-8	10/22/2001	ND<1 U	FALSE
MW-8	10/24/2001	ND<1 U	FALSE
MW-8	1/14/2002	ND<2.5 U	FALSE
MW-8	4/29/2002	ND<0.5 U	FALSE
MW-8	5/2/2002	ND<0.5 U	FALSE
MW-8	10/31/2002	ND<2.5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<0.5 U	FALSE
MW-8	10/2/2003	ND<0.5 U	FALSE
MW-8	3/30/2004	ND<0.5 U	FALSE
MW-8	4/1/2004	ND<0.5 U	FALSE
MW-8	9/27/2004	ND<0.5 U	FALSE
MW-8	9/29/2004	ND<0.5 U	FALSE
MW-8	3/29/2005	ND<0.5 U	FALSE
MW-8	4/12/2005	ND<0.5 U	FALSE
MW-8	9/27/2005	ND<0.5 U	FALSE
MW-8	3/27/2007	ND<0.5 U	FALSE
MW-8	9/28/2007	ND<0.5 U	FALSE
MW-8	3/27/2008	ND<0.16 U	FALSE
MW-8	9/29/2008	ND<0.5 U	FALSE
MW-8	3/25/2009	ND<0.5 U	FALSE
MW-8	10/5/2009	ND<0.5 U	FALSE
MW-8	4/6/2010	ND<0.5 U	FALSE
MW-8	10/8/2010	ND<0.5 U	FALSE
MW-8	3/29/2011	ND<0.5 U	FALSE
MW-8	10/6/2011	ND<0.5 U	FALSE
MW-8	4/6/2012	ND<0.5 U	FALSE
MW-8	10/5/2012	ND<0.5 U	FALSE
MW-8	4/9/2013	ND<0.16 U	FALSE

MW-10	7/14/1994	ND<2.5 U	FALSE
MW-10	12/14/1994	ND<2.5 U	FALSE
MW-10	10/15/1996	ND<2.5 U	FALSE
MW-10	11/19/1997	ND<0.5 U	FALSE
MW-10	4/29/1998	ND<0.5 U	FALSE

MW-10	11/11/1998	ND<0.5 U	FALSE
MW-10	5/5/1999	ND<0.5 U	FALSE
MW-10	11/6/1999	ND<0.5 U	FALSE
MW-10	4/13/2000	ND<0.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	ND<2.5 U	FALSE
MW-10	10/24/2001	ND<1 U	FALSE
MW-10	4/30/2002	ND<0.5 U	FALSE
MW-10	5/2/2002	ND<0.5 U	FALSE
MW-10	3/25/2003	ND<2.5 U	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	ND<0.5 U	FALSE
MW-10	10/2/2003	ND<0.5 U	FALSE
MW-10	3/30/2004	ND<0.5 U	FALSE
MW-10	4/1/2004	ND<0.5 U	FALSE
MW-10	9/27/2004	ND<0.5 U	FALSE
MW-10	9/29/2004	ND<0.5 U	FALSE
MW-10	3/29/2005	ND<0.5 U	FALSE
MW-10	4/12/2005	ND<0.5 U	FALSE
MW-10	9/27/2005	ND<0.5 U	FALSE
MW-10	3/27/2007	ND<0.5 U	FALSE
MW-10	9/27/2007	ND<0.5 U	FALSE
MW-10	3/26/2008	ND<0.16 U	FALSE
MW-10	9/26/2008	ND<0.5 U	FALSE
MW-10	3/26/2009	ND<0.5 U	FALSE
MW-10	10/1/2009	ND<0.5 U	FALSE
MW-10	4/2/2010	ND<0.5 U	FALSE
MW-10	10/7/2010	ND<0.5 U	FALSE
MW-10	3/29/2011	ND<0.5 U	FALSE
MW-10	10/5/2011	ND<0.5 U	FALSE
MW-10	4/4/2012	ND<0.5 U	FALSE
MW-10	10/3/2012	ND<0.5 U	FALSE
MW-10	4/11/2013	ND<0.16 U	FALSE

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

MW-14	3/27/2008	ND<0.16 U	FALSE
MW-14	9/30/2008	ND<0.5 U	FALSE
MW-14	3/26/2009	ND<0.5 U	FALSE
MW-14	10/2/2009	ND<0.5 U	FALSE
MW-14	4/6/2010	ND<0.5 U	FALSE
MW-14	10/7/2010	ND<0.5 U	FALSE
MW-14	3/29/2011	ND<0.5 U	FALSE
MW-14	10/6/2011	ND<0.5 U	FALSE
MW-14	4/5/2012	ND<0.5 U	FALSE
MW-14	10/5/2012	ND<0.5 U	FALSE
MW-14	4/11/2013	ND<0.16 U	FALSE

MW-11	4/29/2002	ND<0.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<0.5 U	FALSE
MW-11	3/30/2004	ND<0.5 U	FALSE
MW-11	9/27/2004	ND<0.5 U	FALSE
MW-11	4/12/2005	ND<0.5 U	FALSE
MW-11	9/26/2005	ND<0.5 U	FALSE
MW-11	3/27/2007	ND<0.5 U	FALSE
MW-11	9/27/2007	ND<0.5 U	FALSE
MW-11	3/27/2008	ND<0.16 U	FALSE
MW-11	9/30/2008	ND<0.5 U	FALSE
MW-11	3/26/2009	ND<0.5 U	FALSE
MW-11	10/5/2009	ND<0.5 U	FALSE
MW-11	4/6/2010	ND<0.5 U	FALSE
MW-11	10/8/2010	ND<0.5 U	FALSE
MW-11	3/29/2011	ND<0.5 U	FALSE
MW-11	10/5/2011	ND<0.5 U	FALSE
MW-11	4/6/2012	ND<0.5 U	FALSE
MW-11	10/5/2012	ND<0.5 U	FALSE
MW-11	4/9/2013	ND<0.16 U	FALSE

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

MW-13	9/27/2005	ND<0.5 U	FALSE

MW-13	3/27/2007	ND<0.5 U	FALSE
MW-13	9/28/2007	ND<0.5 U	FALSE
MW-13	3/27/2008	ND<0.16 U	FALSE
MW-13	9/29/2008	ND<0.5 U	FALSE
MW-13	3/26/2009	ND<0.5 U	FALSE
MW-13	10/2/2009	ND<0.5 U	FALSE
MW-13	4/2/2010	ND<0.5 U	FALSE
MW-13	10/7/2010	ND<0.5 U	FALSE
MW-13	3/25/2011	ND<0.5 U	FALSE
MW-13	10/6/2011	ND<0.5 U	FALSE
MW-13	4/5/2012	ND<0.5 U	FALSE
MW-13	10/4/2012	ND<0.5 U	FALSE
MW-13	4/9/2013	ND<0.16 U	FALSE

Two-Sample Test of Proportions

Parameter: 1,1-Dichloroethane

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 27
Compliance measurements = 548
Comparison Level = 6

0 background measurements exceed 6
137 compliance measurements exceed 6

p background = 0 = 0 / 27
p compliance = 0.25 = 137 / 548
p total = 0.238261 = 137 / 575

nPs = 137
mPb = 0 < 5.0
n(1-Ps) = 411
m(1-Pb = 27

Zp = 2.97679 = 0.25 / 0.083983
Z critical = 1.64485 at 95% confidence level

2.97679 > 1.64485
Significance is Indicated at 95% Confidence Level
When Compared to Compliance Limit = 6

Non-Parametric Tolerance Interval

Parameter: 2,4-D

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 95.5556%
Background measurements (n) = 1
Maximum Background Concentration = 0.115
Minimum Coverage = 5%
Average Coverage = 50%

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

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

Two-Sample Test of Proportions

Parameter: 2,4-D

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 1
Compliance measurements = 44
Comparison Level = 70

0 background measurements exceed 70
0 compliance measurements exceed 70

p background = 0 = 0 / 1
p compliance = 0 = 0 / 44
p total = 0 = 0 / 45

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

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 = 5.97015%
Background measurements (n) = 29
Maximum Background Concentration = 709
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

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

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

MW-3	9/12/1990	340	FALSE
MW-3	9/26/1991	210	FALSE
MW-3	4/16/1992	270	FALSE
MW-3	9/21/1992	ND<50 U	FALSE
MW-3	4/9/1993	ND<50 U	FALSE
MW-3	7/18/1994	ND<50 U	FALSE
MW-3	12/12/1994	ND<50 U	FALSE
MW-3	5/14/1997	84	FALSE
MW-3	11/20/1997	83	FALSE
MW-3	**4/14/1998**	**1100**	**TRUE**
MW-3	4/29/1998	121	FALSE
MW-3	**11/9/1998**	**1180**	**TRUE**
MW-3	11/17/1998	133	FALSE
MW-3	4/27/1999	335	FALSE
MW-3	5/7/1999	160	FALSE
MW-3	10/11/1999	ND<50 U	FALSE
MW-3	11/1/1999	230	FALSE
MW-3	11/6/1999	130	FALSE
MW-3	4/3/2000	105	FALSE
MW-3	4/12/2000	134	FALSE
MW-3	11/3/2000	190	FALSE
MW-3	11/6/2000	410	FALSE
MW-3	4/30/2001	340	FALSE
MW-3	5/3/2001	380	FALSE
MW-3	10/22/2001	340	FALSE
MW-3	10/25/2001	350	FALSE
MW-3	4/29/2002	410	FALSE

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

MW-4	9/12/1990	210	FALSE
MW-4	9/26/1991	140	FALSE
MW-4	4/16/1992	210	FALSE
MW-4	9/21/1992	ND<50 U	FALSE
MW-4	7/18/1994	ND<50 U	FALSE
MW-4	12/14/1994	ND<50 U	FALSE
MW-4	5/13/1997	131	FALSE
MW-4	11/20/1997	143	FALSE
MW-4	**4/15/1998**	**911**	**TRUE**
MW-4	4/29/1998	168	FALSE
MW-4	11/9/1998	302	FALSE
MW-4	11/16/1998	174	FALSE
MW-4	4/26/1999	110	FALSE

MW-4	5/6/1999	180	FALSE
MW-4	10/11/1999	114	FALSE
MW-4	11/1/1999	140	FALSE
MW-4	11/6/1999	170	FALSE
MW-4	4/4/2000	208	FALSE
MW-4	4/12/2000	193	FALSE
MW-4	11/3/2000	240	FALSE
MW-4	11/6/2000	100	FALSE
MW-4	4/30/2001	96	FALSE
MW-4	5/3/2001	250	FALSE
MW-4	10/22/2001	200	FALSE
MW-4	10/25/2001	280	FALSE
MW-4	4/29/2002	140	FALSE
MW-4	5/2/2002	280	FALSE
MW-4	10/28/2002	120	FALSE
MW-4	10/31/2002	200	FALSE
MW-4	3/24/2003	110	FALSE
MW-4	4/3/2003	210	FALSE
MW-4	9/30/2003	87	FALSE
MW-4	10/3/2003	230	FALSE
MW-4	3/29/2004	200	FALSE
MW-4	4/2/2004	240	FALSE
MW-4	9/27/2004	86	FALSE
MW-4	9/30/2004	270	FALSE
MW-4	3/30/2005	270	FALSE
MW-4	4/11/2005	470	FALSE
MW-4	9/26/2005	160	FALSE
MW-4	**9/29/2005**	**310000**	**TRUE**
MW-4	9/29/2006	300	FALSE
MW-4	3/27/2007	72 J	FALSE
MW-4	3/29/2007	330	FALSE
MW-4	9/26/2007	311	FALSE
MW-4	9/28/2007	87.8	FALSE
MW-4	3/26/2008	74.9	FALSE
MW-4	3/31/2008	329	FALSE
MW-4	9/23/2008	331	FALSE
MW-4	9/29/2008	85.4	FALSE
MW-4	3/26/2009	61.1	FALSE
MW-4	3/31/2009	330	FALSE
MW-4	10/2/2009	69.8	FALSE
MW-4	10/7/2009	397	FALSE
MW-4	3/30/2010	419	FALSE
MW-4	4/6/2010	71.2	FALSE
MW-4	9/28/2010	436	FALSE
MW-4	10/7/2010	63.3	FALSE
MW-4	3/29/2011	62.2	FALSE
MW-4	4/4/2011	464	FALSE
MW-4	10/5/2011	95.5	FALSE
MW-4	10/10/2011	496	FALSE
MW-4	4/5/2012	59.4	FALSE
MW-4	4/10/2012	459	FALSE
MW-4	10/4/2012	65.8	FALSE
MW-4	10/10/2012	484	FALSE
MW-4	4/1/2013	485	FALSE
MW-4	4/10/2013	206	FALSE

MW-5	9/26/1991	180	FALSE
MW-5	4/16/1992	ND<50 U	FALSE
MW-5	9/21/1992	ND<50 U	FALSE
MW-5	7/15/1994	ND<50 U	FALSE
MW-5	10/21/1994	ND<50 U	FALSE
MW-5	12/14/1994	110	FALSE
MW-5	3/16/1995	104	FALSE
MW-5	6/22/1995	131	FALSE
MW-5	10/4/1995	131	FALSE
MW-5	5/13/1997	111	FALSE
MW-5	11/20/1997	98	FALSE
MW-5	4/13/1998	484	FALSE
MW-5	4/29/1998	107	FALSE
MW-5	11/11/1998	331	FALSE
MW-5	11/16/1998	106	FALSE
MW-5	4/26/1999	42	FALSE
MW-5	5/6/1999	110	FALSE
MW-5	10/11/1999	110	FALSE
MW-5	11/2/1999	52	FALSE
MW-5	11/6/1999	110	FALSE
MW-5	4/3/2000	63	FALSE
MW-5	4/12/2000	116	FALSE
MW-5	11/1/2000	120	FALSE
MW-5	**11/6/2000**	**1500**	**TRUE**
MW-5	4/30/2001	76	FALSE
MW-5	5/3/2001	210	FALSE
MW-5	10/22/2001	46	FALSE
MW-5	10/24/2001	180	FALSE
MW-5	4/29/2002	280	FALSE
MW-5	5/1/2002	190	FALSE
MW-5	10/28/2002	12	FALSE
MW-5	10/31/2002	150	FALSE
MW-5	3/24/2003	52	FALSE
MW-5	4/3/2003	130	FALSE
MW-5	9/29/2003	67	FALSE
MW-5	10/3/2003	120	FALSE
MW-5	3/30/2004	120	FALSE
MW-5	4/2/2004	120	FALSE
MW-5	9/27/2004	74	FALSE
MW-5	9/30/2004	110	FALSE
MW-5	3/30/2005	120	FALSE
MW-5	4/12/2005	69	FALSE
MW-5	9/26/2005	78	FALSE
MW-5	**9/29/2005**	**120000**	**TRUE**
MW-5	9/29/2006	110	FALSE
MW-5	3/27/2007	98 J	FALSE
MW-5	3/29/2007	110	FALSE
MW-5	9/26/2007	103	FALSE
MW-5	9/27/2007	89.9	FALSE
MW-5	3/26/2008	103	FALSE
MW-5	3/31/2008	115	FALSE
MW-5	9/23/2008	117	FALSE
MW-5	9/30/2008	96.9	FALSE
MW-5	3/26/2009	106	FALSE
MW-5	3/30/2009	118	FALSE
MW-5	10/2/2009	152	FALSE
MW-5	10/7/2009	127	FALSE

MW-5	3/30/2010	136	FALSE
MW-5	4/2/2010	92.7	FALSE
MW-5	9/28/2010	119	FALSE
MW-5	10/6/2010	90.9	FALSE
MW-5	3/25/2011	96.5	FALSE
MW-5	4/4/2011	129	FALSE
MW-5	10/5/2011	102	FALSE
MW-5	10/10/2011	141	FALSE
MW-5	4/5/2012	96.6	FALSE
MW-5	4/10/2012	131	FALSE
MW-5	10/3/2012	98.2	FALSE
MW-5	10/10/2012	132	FALSE
MW-5	4/1/2013	138	FALSE
MW-5	4/11/2013	96.2	FALSE

MW-6	9/26/1991	290	FALSE
MW-6	4/16/1992	ND<50 U	FALSE
MW-6	9/21/1992	200	FALSE
MW-6	7/15/1994	655	FALSE
MW-6	**10/21/1994**	**741**	**TRUE**
MW-6	**12/14/1994**	**747**	**TRUE**
MW-6	**3/16/1995**	**841**	**TRUE**
MW-6	**6/22/1995**	**851**	**TRUE**
MW-6	**10/4/1995**	**836**	**TRUE**
MW-6	**5/7/1997**	**910**	**TRUE**
MW-6	**11/20/1997**	**837**	**TRUE**
MW-6	4/13/1998	209	FALSE
MW-6	**4/28/1998**	**847**	**TRUE**
MW-6	11/11/1998	265	FALSE
MW-6	**11/16/1998**	**783**	**TRUE**
MW-6	4/26/1999	131	FALSE
MW-6	**5/5/1999**	**870**	**TRUE**
MW-6	**10/11/1999**	**1660**	**TRUE**
MW-6	11/2/1999	120	FALSE
MW-6	**11/5/1999**	**930**	**TRUE**
MW-6	4/3/2000	105	FALSE
MW-6	**4/12/2000**	**970**	**TRUE**
MW-6	**11/2/2000**	**960**	**TRUE**
MW-6	**11/6/2000**	**1400**	**TRUE**
MW-6	4/30/2001	400	FALSE
MW-6	**5/3/2001**	**1000**	**TRUE**
MW-6	**10/22/2001**	**1900**	**TRUE**
MW-6	**10/24/2001**	**1100**	**TRUE**
MW-6	**4/29/2002**	**1000**	**TRUE**
MW-6	**5/2/2002**	**1000**	**TRUE**
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	**10/31/2002**	**870**	**TRUE**
MW-6	3/25/2003	59	FALSE
MW-6	**4/25/2003**	**970**	**TRUE**
MW-6	**9/29/2003**	**1100**	**TRUE**
MW-6	**10/2/2003**	**960**	**TRUE**
MW-6	3/30/2004	54	FALSE
MW-6	**4/2/2004**	**1100**	**TRUE**
MW-6	9/27/2004	180	FALSE
MW-6	**9/29/2004**	**880**	**TRUE**
MW-6	**3/30/2005**	**960**	**TRUE**

MW-6	**4/12/2005**	**1400**	**TRUE**
MW-6	9/26/2005	180	FALSE
MW-6	**9/30/2005**	**1e+006**	**TRUE**
MW-6	**9/29/2006**	**770**	**TRUE**
MW-6	3/27/2007	51 J	FALSE
MW-6	**3/29/2007**	**1100**	**TRUE**
MW-6	**9/27/2007**	**1020**	**TRUE**
MW-6	3/26/2008	165	FALSE
MW-6	**4/1/2008**	**1070**	**TRUE**
MW-6	**9/23/2008**	**958**	**TRUE**
MW-6	9/30/2008	64.9	FALSE
MW-6	3/26/2009	71	FALSE
MW-6	**3/31/2009**	**958**	**TRUE**
MW-6	10/2/2009	61.4	FALSE
MW-6	**10/7/2009**	**850**	**TRUE**
MW-6	**3/30/2010**	**1100**	**TRUE**
MW-6	4/2/2010	143	FALSE
MW-6	10/6/2010	52.1	FALSE
MW-6	**10/22/2010**	**1140**	**TRUE**
MW-6	3/25/2011	52.9	FALSE
MW-6	**4/7/2011**	**1240**	**TRUE**
MW-6	10/5/2011	57.2	FALSE
MW-6	**10/11/2011**	**1150**	**TRUE**
MW-6	4/4/2012	55	FALSE
MW-6	**4/10/2012**	**1060**	**TRUE**
MW-6	10/3/2012	58.6	FALSE
MW-6	**10/11/2012**	**1220**	**TRUE**
MW-6	**4/1/2013**	**1200**	**TRUE**
MW-6	4/9/2013	53.4	FALSE

MW-7	4/8/1993	160	FALSE
MW-7	7/14/1994	168	FALSE
MW-7	12/14/1994	213	FALSE
MW-7	3/16/1995	176	FALSE
MW-7	5/12/1997	168	FALSE
MW-7	11/17/1997	245	FALSE
MW-7	4/13/1998	271	FALSE
MW-7	4/28/1998	181	FALSE
MW-7	11/11/1998	243	FALSE
MW-7	**4/26/1999**	**730**	**TRUE**
MW-7	5/5/1999	220	FALSE
MW-7	10/11/1999	230	FALSE
MW-7	11/2/1999	70	FALSE
MW-7	11/6/1999	220	FALSE
MW-7	4/3/2000	63	FALSE
MW-7	4/13/2000	198	FALSE
MW-7	11/6/2000	320	FALSE
MW-7	4/30/2001	240	FALSE
MW-7	**10/22/2001**	**1500**	**TRUE**
MW-7	**4/29/2002**	**770**	**TRUE**
MW-7	10/28/2002	270	FALSE
MW-7	3/25/2003	120	FALSE
MW-7	9/29/2003	500	FALSE
MW-7	3/30/2004	160	FALSE
MW-7	9/27/2004	220	FALSE
MW-7	**4/12/2005**	**1500**	**TRUE**

MW-7	9/26/2005	300	FALSE
MW-7	**9/30/2005**	**200000**	**TRUE**
MW-7	9/29/2006	190	FALSE
MW-7	3/27/2007	200	FALSE
MW-7	3/29/2007	200	FALSE
MW-7	9/26/2007	171	FALSE
MW-7	9/27/2007	125	FALSE
MW-7	3/26/2008	98.3	FALSE
MW-7	9/26/2008	94.8	FALSE
MW-7	3/26/2009	90.2	FALSE
MW-7	10/1/2009	155	FALSE
MW-7	4/2/2010	150	FALSE
MW-7	10/6/2010	148	FALSE
MW-7	3/25/2011	153	FALSE
MW-7	10/5/2011	155	FALSE
MW-7	4/4/2012	132	FALSE
MW-7	10/3/2012	137	FALSE
MW-7	4/1/2013	229	FALSE
MW-7	4/9/2013	138	FALSE

MW-8	4/8/1993	ND<50 U	FALSE
MW-8	7/14/1994	ND<50 U	FALSE
MW-8	12/15/1994	ND<50 U	FALSE
MW-8	5/12/1997	110	FALSE
MW-8	11/19/1997	87	FALSE
MW-8	4/17/1998	115	FALSE
MW-8	4/28/1998	79	FALSE
MW-8	11/10/1998	274	FALSE
MW-8	11/11/1998	185	FALSE
MW-8	4/26/1999	90	FALSE
MW-8	5/5/1999	42	FALSE
MW-8	10/11/1999	534	FALSE
MW-8	11/1/1999	60	FALSE
MW-8	11/6/1999	140	FALSE
MW-8	4/3/2000	48	FALSE
MW-8	4/13/2000	74	FALSE
MW-8	11/1/2000	300	FALSE
MW-8	11/7/2000	150	FALSE
MW-8	4/30/2001	210	FALSE
MW-8	5/2/2001	280	FALSE
MW-8	10/22/2001	480	FALSE
MW-8	**10/24/2001**	**2700**	**TRUE**
MW-8	1/14/2002	100	FALSE
MW-8	4/29/2002	260	FALSE
MW-8	**5/2/2002**	**2100**	**TRUE**
MW-8	10/28/2002	59	FALSE
MW-8	10/31/2002	520	FALSE
MW-8	3/25/2003	62	FALSE
MW-8	3/28/2003	320	FALSE
MW-8	9/30/2003	70	FALSE
MW-8	10/2/2003	230	FALSE
MW-8	3/30/2004	87	FALSE
MW-8	4/1/2004	270	FALSE
MW-8	9/27/2004	100	FALSE
MW-8	9/29/2004	120	FALSE
MW-8	3/29/2005	160	FALSE

MW-8	4/12/2005	130	FALSE
MW-8	9/27/2005	52	FALSE
MW-8	3/27/2007	76 J	FALSE
MW-8	9/28/2007	83.7	FALSE
MW-8	3/27/2008	98.9	FALSE
MW-8	9/29/2008	75	FALSE
MW-8	3/25/2009	70.8	FALSE
MW-8	10/5/2009	101	FALSE
MW-8	4/6/2010	97.7	FALSE
MW-8	10/8/2010	81.7	FALSE
MW-8	3/29/2011	91.1	FALSE
MW-8	10/6/2011	112	FALSE
MW-8	4/6/2012	96	FALSE
MW-8	10/5/2012	115	FALSE
MW-8	4/9/2013	111	FALSE
MW-10	7/14/1994	ND<50 U	FALSE
MW-10	12/14/1994	ND<50 U	FALSE
MW-10	5/7/1997	56	FALSE
MW-10	11/19/1997	53	FALSE
MW-10	4/29/1998	93	FALSE
MW-10	11/11/1998	67	FALSE
MW-10	5/5/1999	61	FALSE
MW-10	10/11/1999	ND<50 U	FALSE
MW-10	11/6/1999	63	FALSE
MW-10	4/13/2000	69	FALSE
MW-10	11/1/2000	76	FALSE
MW-10	5/2/2001	540	FALSE
MW-10	10/24/2001	220	FALSE
MW-10	4/30/2002	140	FALSE
MW-10	5/2/2002	250	FALSE
MW-10	10/29/2002	550	FALSE
MW-10	3/25/2003	320	FALSE
MW-10	3/28/2003	75	FALSE
MW-10	9/30/2003	240	FALSE
MW-10	10/2/2003	57	FALSE
MW-10	3/30/2004	150	FALSE
MW-10	4/1/2004	63	FALSE
MW-10	9/27/2004	340	FALSE
MW-10	9/29/2004	59	FALSE
MW-10	3/29/2005	55	FALSE
MW-10	4/12/2005	410	FALSE
MW-10	9/27/2005	200	FALSE
MW-10	3/27/2007	100	FALSE
MW-10	9/27/2007	132	FALSE
MW-10	3/26/2008	116	FALSE
MW-10	9/26/2008	152	FALSE
MW-10	3/26/2009	90.6	FALSE
MW-10	10/1/2009	136	FALSE
MW-10	4/2/2010	115	FALSE
MW-10	10/7/2010	119	FALSE
MW-10	3/29/2011	114	FALSE
MW-10	10/5/2011	126	FALSE
MW-10	4/4/2012	125	FALSE
MW-10	10/3/2012	128	FALSE
MW-10	4/11/2013	127	FALSE

MW-14	7/18/1994	ND<50 U	FALSE
MW-14	12/14/1994	ND<50 U	FALSE
MW-14	5/12/1997	17	FALSE
MW-14	11/18/1997	18	FALSE
MW-14	4/28/1998	20	FALSE
MW-14	11/12/1998	21	FALSE
MW-14	5/5/1999	20	FALSE
MW-14	10/11/1999	ND<50 U	FALSE
MW-14	11/3/1999	17	FALSE
MW-14	4/6/2000	18	FALSE
MW-14	11/2/2000	25	FALSE
MW-14	5/2/2001	22	FALSE
MW-14	10/24/2001	22	FALSE
MW-14	4/30/2002	22	FALSE
MW-14	10/31/2002	20	FALSE
MW-14	3/28/2003	20	FALSE
MW-14	10/1/2003	19	FALSE
MW-14	3/31/2004	18	FALSE
MW-14	9/29/2004	21	FALSE
MW-14	3/25/2005	17	FALSE
MW-14	3/27/2007	68 J	FALSE
MW-14	9/28/2007	217	FALSE
MW-14	3/27/2008	143	FALSE
MW-14	9/30/2008	68.3	FALSE
MW-14	3/26/2009	50.8	FALSE
MW-14	10/2/2009	61.4	FALSE
MW-14	4/6/2010	44.9	FALSE
MW-14	10/7/2010	52.3	FALSE
MW-14	3/29/2011	67.1	FALSE
MW-14	10/6/2011	57.3	FALSE
MW-14	4/5/2012	58.1	FALSE
MW-14	10/5/2012	53.5	FALSE
MW-14	4/11/2013	48.7	FALSE

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

MW-11	4/9/2013	74.2	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	220	FALSE
MW-12	9/30/2003	86	FALSE
MW-12	3/30/2004	140	FALSE
MW-12	9/27/2004	280	FALSE
MW-12	4/11/2005	220	FALSE
MW-12	9/27/2005	260	FALSE
MW-12	3/27/2007	90 J	FALSE
MW-12	9/28/2007	460	FALSE
MW-12	3/27/2008	98.1	FALSE
MW-12	9/30/2008	155	FALSE
MW-12	3/26/2009	149	FALSE
MW-12	10/2/2009	167	FALSE
MW-12	4/6/2010	85.5	FALSE
MW-12	10/7/2010	218	FALSE
MW-12	3/29/2011	82.2	FALSE
MW-12	10/6/2011	239	FALSE
MW-12	4/5/2012	101	FALSE
MW-12	10/5/2012	162	FALSE
MW-12	4/11/2013	72.8	FALSE
MW-13	9/27/2005	140	FALSE
MW-13	3/27/2007	120	FALSE
MW-13	9/28/2007	217	FALSE
MW-13	3/27/2008	160	FALSE
MW-13	9/29/2008	191	FALSE
MW-13	3/26/2009	181	FALSE
MW-13	10/2/2009	165	FALSE
MW-13	4/2/2010	151	FALSE
MW-13	10/7/2010	143	FALSE
MW-13	3/25/2011	120	FALSE
MW-13	10/6/2011	193	FALSE
MW-13	4/5/2012	158	FALSE
MW-13	10/4/2012	153	FALSE
MW-13	4/9/2013	131	FALSE

Two-Sample Test of Proportions

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 574
Comparison Level = 700

1 background measurements exceed 700
66 compliance measurements exceed 700

p background = 0.0344828 = 1 / 29
p compliance = 0.114983 = 66 / 574
p total = 0.111111 = 67 / 603

nPs = 66
mPb = 1 < 5.0
n(1-Ps) = 508
m(1-Pb = 28

Zp = 1.34583 = 0.0804998 / 0.0598145
Z critical = 1.64485 at 95% confidence level

1.34583 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 700

Non-Parametric Tolerance Interval

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 58.7065%
Background measurements (n) = 29
Maximum Background Concentration = 176
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

Location	Date	Value	Significant
MW-2	**9/12/1990**	**180**	**TRUE**
MW-2	9/25/1991	ND<10 U	FALSE
MW-2	4/16/1992	ND<10 U	FALSE
MW-2	9/22/1992	ND<10 U	FALSE
MW-2	4/13/1993	ND<10 U	FALSE
MW-2	7/19/1994	ND<2.5 U	FALSE
MW-2	10/25/1994	ND<2.5 U	FALSE
MW-2	12/16/1994	ND<2.5 U	FALSE
MW-2	3/16/1995	ND<2.5 U	FALSE
MW-2	6/23/1995	ND<2.5 U	FALSE
MW-2	10/4/1995	ND<2.5 U	FALSE
MW-2	10/10/1996	ND<2.5 U	FALSE
MW-2	5/14/1997	ND<2.5 U	FALSE
MW-2	11/17/1997	ND<5 U	FALSE
MW-2	4/15/1998	40 I	FALSE
MW-2	4/28/1998	ND<5 U	FALSE
MW-2	11/11/1998	38	FALSE
MW-2	11/16/1998	ND<0.5 U	FALSE
MW-2	4/27/1999	7	FALSE
MW-2	5/6/1999	2 I	FALSE
MW-2	11/2/1999	19	FALSE
MW-2	11/6/1999	2 I	FALSE
MW-2	4/4/2000	16	FALSE
MW-2	4/12/2000	2 I	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	7	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	10	FALSE
MW-2	10/22/2001	55	FALSE
MW-2	10/24/2001	22	FALSE
MW-2	4/29/2002	68	FALSE
MW-2	5/2/2002	15	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	ND<2.5 U	FALSE
MW-2	3/24/2003	7	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	26	FALSE
MW-2	10/6/2003	ND<1 U	FALSE
MW-2	3/29/2004	18	FALSE
MW-2	4/2/2004	ND<1 U	FALSE
MW-2	9/27/2004	57	FALSE
MW-2	10/6/2004	2	FALSE
MW-2	3/30/2005	ND<1 U	FALSE
MW-2	4/11/2005	83	FALSE

MW-2	9/26/2005	46	FALSE
MW-2	**9/30/2005**	**2100**	**TRUE**
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	2.4 J	FALSE
MW-2	3/30/2007	ND<5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/28/2007	59.1	FALSE
MW-2	3/26/2008	ND<0.2 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	9.1	FALSE
MW-2	3/26/2009	33.7	FALSE
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	10/1/2009	72.4	FALSE
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	6.1	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	5.4	FALSE

MW-3	9/12/1990	50	FALSE
MW-3	9/26/1991	ND<10 U	FALSE
MW-3	4/16/1992	ND<10 U	FALSE
MW-3	9/21/1992	ND<10 U	FALSE
MW-3	4/9/1993	ND<10 U	FALSE
MW-3	7/18/1994	ND<2.5 U	FALSE
MW-3	12/12/1994	ND<2.5 U	FALSE
MW-3	5/14/1997	ND<2.5 U	FALSE
MW-3	11/20/1997	ND<5 U	FALSE
MW-3	**4/14/1998**	**476**	**TRUE**
MW-3	4/29/1998	ND<5 U	FALSE
MW-3	**11/9/1998**	**444**	**TRUE**
MW-3	11/17/1998	ND<0.5 U	FALSE
MW-3	4/27/1999	89	FALSE
MW-3	5/7/1999	ND<0.5 U	FALSE
MW-3	10/11/1999	ND<2.5 U	FALSE
MW-3	11/1/1999	56	FALSE
MW-3	11/6/1999	1 I	FALSE
MW-3	4/3/2000	2 I	FALSE
MW-3	4/12/2000	1 I	FALSE
MW-3	11/3/2000	53	FALSE
MW-3	11/6/2000	10	FALSE
MW-3	4/30/2001	ND<2.5 U	FALSE
MW-3	5/3/2001	39	FALSE
MW-3	10/22/2001	69	FALSE
MW-3	10/25/2001	27	FALSE
MW-3	4/29/2002	110	FALSE

MW-3	5/2/2002	18	FALSE
MW-3	10/28/2002	13	FALSE
MW-3	10/31/2002	5.5	FALSE
MW-3	3/24/2003	47	FALSE
MW-3	4/3/2003	ND<2.5 U	FALSE
MW-3	9/29/2003	85	FALSE
MW-3	10/3/2003	ND<1 U	FALSE
MW-3	3/30/2004	12	FALSE
MW-3	4/2/2004	ND<1 U	FALSE
MW-3	9/27/2004	27	FALSE
MW-3	9/30/2004	ND<1 U	FALSE
MW-3	3/30/2005	ND<1 U	FALSE
MW-3	**4/11/2005**	**280**	**TRUE**
MW-3	9/26/2005	25	FALSE
MW-3	**9/29/2005**	**ND<1000 U**	**TRUE**
MW-3	9/29/2006	ND<2.5 U	FALSE
MW-3	3/27/2007	10	FALSE
MW-3	3/30/2007	ND<5 U	FALSE
MW-3	9/26/2007	1.4 J	FALSE
MW-3	9/28/2007	12.7	FALSE
MW-3	3/26/2008	45.6	FALSE
MW-3	3/31/2008	ND<0.2 U	FALSE
MW-3	9/23/2008	9.4	FALSE
MW-3	9/30/2008	8.1	FALSE
MW-3	3/26/2009	63	FALSE
MW-3	3/31/2009	ND<2.5 U	FALSE
MW-3	10/1/2009	10.1	FALSE
MW-3	10/7/2009	ND<2.5 U	FALSE
MW-3	3/29/2010	ND<2.5 U	FALSE
MW-3	4/2/2010	8.6	FALSE
MW-3	9/28/2010	ND<2.5 U	FALSE
MW-3	10/6/2010	10.7	FALSE
MW-3	3/25/2011	6	FALSE
MW-3	4/4/2011	ND<2.5 U	FALSE
MW-3	10/5/2011	ND<2.5 U	FALSE
MW-3	10/10/2011	ND<2.5 U	FALSE
MW-3	4/4/2012	7.6	FALSE
MW-3	4/10/2012	ND<2.5 U	FALSE
MW-3	10/3/2012	ND<2.5 U	FALSE
MW-3	10/10/2012	ND<2.5 U	FALSE
MW-3	4/1/2013	ND<2.5 U	FALSE
MW-3	4/10/2013	ND<1 U	FALSE

MW-4	9/12/1990	ND<10 U	FALSE
MW-4	9/26/1991	ND<10 U	FALSE
MW-4	4/16/1992	ND<10 U	FALSE
MW-4	9/21/1992	ND<10 U	FALSE
MW-4	7/18/1994	ND<2.5 U	FALSE
MW-4	12/14/1994	ND<2.5 U	FALSE
MW-4	5/13/1997	ND<2.5 U	FALSE
MW-4	11/20/1997	ND<5 U	FALSE
MW-4	**4/15/1998**	**260**	**TRUE**
MW-4	4/29/1998	ND<5 U	FALSE
MW-4	11/9/1998	47	FALSE
MW-4	11/16/1998	3 I	FALSE
MW-4	4/26/1999	14	FALSE

MW-4	5/6/1999	1 I	FALSE
MW-4	10/11/1999	ND<2.5 U	FALSE
MW-4	11/1/1999	8	FALSE
MW-4	11/6/1999	ND<0.5 U	FALSE
MW-4	4/4/2000	37	FALSE
MW-4	4/12/2000	1 I	FALSE
MW-4	11/3/2000	6.1	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	5/3/2001	8.9	FALSE
MW-4	10/22/2001	18	FALSE
MW-4	10/25/2001	10	FALSE
MW-4	4/29/2002	16	FALSE
MW-4	5/2/2002	9.1	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	10/31/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	9.3	FALSE
MW-4	4/3/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<1 U	FALSE
MW-4	10/3/2003	ND<1 U	FALSE
MW-4	3/29/2004	23	FALSE
MW-4	4/2/2004	ND<1 U	FALSE
MW-4	9/27/2004	2.1	FALSE
MW-4	9/30/2004	ND<1 U	FALSE
MW-4	3/30/2005	ND<1 U	FALSE
MW-4	4/11/2005	68	FALSE
MW-4	9/26/2005	19	FALSE
MW-4	**9/29/2005**	**ND<1000 U**	**TRUE**
MW-4	9/29/2006	ND<2.5 U	FALSE
MW-4	3/27/2007	1.4 J	FALSE
MW-4	3/29/2007	ND<5 U	FALSE
MW-4	9/26/2007	0.95 J	FALSE
MW-4	9/28/2007	1.3 J	FALSE
MW-4	3/26/2008	ND<0.2 U	FALSE
MW-4	3/31/2008	ND<0.2 U	FALSE
MW-4	9/23/2008	ND<2.5 U	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	3/31/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	10/7/2009	ND<2.5 U	FALSE
MW-4	3/30/2010	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	5.3	FALSE
MW-4	10/10/2011	ND<2.5 U	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	ND<2.5 U	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	10/10/2012	ND<2.5 U	FALSE
MW-4	4/1/2013	ND<2.5 U	FALSE
MW-4	4/10/2013	33.4	FALSE

MW-5	9/26/1991	ND<10 U	FALSE
MW-5	4/16/1992	ND<10 U	FALSE
MW-5	9/21/1992	ND<10 U	FALSE
MW-5	7/15/1994	6	FALSE
MW-5	10/21/1994	ND<2.5 U	FALSE
MW-5	12/14/1994	ND<2.5 U	FALSE
MW-5	3/16/1995	ND<2.5 U	FALSE
MW-5	6/22/1995	ND<2.5 U	FALSE
MW-5	10/4/1995	ND<2.5 U	FALSE
MW-5	5/13/1997	ND<2.5 U	FALSE
MW-5	11/20/1997	ND<5 U	FALSE
MW-5	4/13/1998	150	FALSE
MW-5	4/29/1998	ND<5 U	FALSE
MW-5	11/11/1998	80	FALSE
MW-5	11/16/1998	ND<0.5 U	FALSE
MW-5	4/26/1999	9	FALSE
MW-5	5/6/1999	6	FALSE
MW-5	10/11/1999	ND<2.5 U	FALSE
MW-5	11/2/1999	8	FALSE
MW-5	11/6/1999	ND<0.5 U	FALSE
MW-5	4/3/2000	7	FALSE
MW-5	4/12/2000	ND<0.5 U	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	9	FALSE
MW-5	4/30/2001	6.5	FALSE
MW-5	5/3/2001	ND<2.5 U	FALSE
MW-5	10/22/2001	11	FALSE
MW-5	10/24/2001	ND<2.5 U	FALSE
MW-5	4/29/2002	79	FALSE
MW-5	5/1/2002	8.7	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	10/31/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	8.4	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	7.4	FALSE
MW-5	10/3/2003	ND<1 U	FALSE
MW-5	3/30/2004	8.3	FALSE
MW-5	4/2/2004	ND<1 U	FALSE
MW-5	9/27/2004	8	FALSE
MW-5	9/30/2004	ND<1 U	FALSE
MW-5	3/30/2005	ND<1 U	FALSE
MW-5	4/12/2005	2.8	FALSE
MW-5	9/26/2005	12	FALSE
MW-5	**9/29/2005**	**ND<1000 U**	**TRUE**
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	3/27/2007	3.9 J	FALSE
MW-5	3/29/2007	ND<5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/27/2007	3.2 J	FALSE
MW-5	3/26/2008	6.9	FALSE
MW-5	3/31/2008	ND<0.2 U	FALSE
MW-5	9/23/2008	50.4	FALSE
MW-5	9/30/2008	6.4	FALSE
MW-5	3/26/2009	11.8	FALSE
MW-5	3/30/2009	ND<2.5 U	FALSE
MW-5	10/2/2009	16.3	FALSE
MW-5	10/7/2009	ND<2.5 U	FALSE

MW-5	3/30/2010	ND<2.5 U	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	4/4/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	ND<2.5 U	FALSE
MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	ND<2.5 U	FALSE
MW-5	4/1/2013	ND<2.5 U	FALSE
MW-5	4/11/2013	ND<1 U	FALSE
MW-6	9/26/1991	ND<10 U	FALSE
MW-6	4/16/1992	ND<10 U	FALSE
MW-6	9/21/1992	ND<10 U	FALSE
MW-6	7/15/1994	ND<2.5 U	FALSE
MW-6	10/21/1994	ND<2.5 U	FALSE
MW-6	12/14/1994	ND<2.5 U	FALSE
MW-6	3/16/1995	ND<2.5 U	FALSE
MW-6	6/22/1995	ND<2.5 U	FALSE
MW-6	10/4/1995	ND<2.5 U	FALSE
MW-6	5/7/1997	ND<2.5 U	FALSE
MW-6	11/20/1997	ND<5 U	FALSE
MW-6	4/13/1998	60	FALSE
MW-6	4/28/1998	ND<5 U	FALSE
MW-6	11/11/1998	64	FALSE
MW-6	11/16/1998	ND<0.5 U	FALSE
MW-6	4/26/1999	30	FALSE
MW-6	5/5/1999	ND<0.5 U	FALSE
MW-6	10/11/1999	ND<2.5 U	FALSE
MW-6	11/2/1999	32	FALSE
MW-6	11/5/1999	1 I	FALSE
MW-6	4/3/2000	3 I	FALSE
MW-6	4/12/2000	ND<0.5 U	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	5.2	FALSE
MW-6	4/30/2001	ND<2.5 U	FALSE
MW-6	5/3/2001	ND<2.5 U	FALSE
MW-6	**10/22/2001**	**350**	**TRUE**
MW-6	10/24/2001	ND<2.5 U	FALSE
MW-6	**4/29/2002**	**260**	**TRUE**
MW-6	5/2/2002	ND<2.5 U	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	10/2/2003	ND<1 U	FALSE
MW-6	3/30/2004	ND<1 U	FALSE
MW-6	4/2/2004	ND<1 U	FALSE
MW-6	9/27/2004	37	FALSE
MW-6	9/29/2004	ND<1 U	FALSE
MW-6	3/30/2005	ND<1 U	FALSE

MW-6	**4/12/2005**	**300**	**TRUE**
MW-6	9/26/2005	16	FALSE
MW-6	**9/30/2005**	**ND<1000 U**	**TRUE**
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	3/27/2007	1.2 J	FALSE
MW-6	3/29/2007	ND<5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	31.6	FALSE
MW-6	4/1/2008	ND<0.2 U	FALSE
MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	6.6	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	ND<2.5 U	FALSE
MW-6	4/2/2010	29.6	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/1/2013	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<1 U	FALSE

MW-7	4/8/1993	ND<10 U	FALSE
MW-7	7/14/1994	ND<2.5 U	FALSE
MW-7	12/14/1994	ND<2.5 U	FALSE
MW-7	3/16/1995	ND<2.5 U	FALSE
MW-7	5/12/1997	ND<2.5 U	FALSE
MW-7	11/17/1997	ND<5 U	FALSE
MW-7	4/13/1998	80	FALSE
MW-7	4/28/1998	ND<5 U	FALSE
MW-7	11/11/1998	ND<0.5 U	FALSE
MW-7	4/26/1999	5	FALSE
MW-7	5/5/1999	1 I	FALSE
MW-7	10/11/1999	ND<2.5 U	FALSE
MW-7	11/2/1999	6	FALSE
MW-7	11/6/1999	ND<0.5 U	FALSE
MW-7	4/3/2000	2 I	FALSE
MW-7	4/13/2000	ND<0.5 U	FALSE
MW-7	11/6/2000	14	FALSE
MW-7	4/30/2001	9.9	FALSE
MW-7	**10/22/2001**	**370**	**TRUE**
MW-7	**4/29/2002**	**190**	**TRUE**
MW-7	10/28/2002	17	FALSE
MW-7	3/25/2003	5.1	FALSE
MW-7	9/29/2003	81	FALSE
MW-7	3/30/2004	ND<1 U	FALSE
MW-7	9/27/2004	15	FALSE
MW-7	**4/12/2005**	**220**	**TRUE**

MW-7	9/26/2005	23	FALSE
MW-7	**9/30/2005**	**ND<1000 U**	**TRUE**
MW-7	9/29/2006	ND<2.5 U	FALSE
MW-7	3/27/2007	9 J	FALSE
MW-7	3/29/2007	ND<5 U	FALSE
MW-7	9/26/2007	ND<2.5 U	FALSE
MW-7	9/27/2007	2.7 J	FALSE
MW-7	3/26/2008	ND<0.2 U	FALSE
MW-7	9/26/2008	6.2	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	5.2	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE
MW-7	10/3/2012	ND<2.5 U	FALSE
MW-7	4/1/2013	ND<2.5 U	FALSE
MW-7	4/9/2013	ND<1 U	FALSE

MW-8	4/8/1993	ND<10 U	FALSE
MW-8	7/14/1994	ND<2.5 U	FALSE
MW-8	12/15/1994	ND<2.5 U	FALSE
MW-8	5/12/1997	12	FALSE
MW-8	11/19/1997	ND<5 U	FALSE
MW-8	4/17/1998	60	FALSE
MW-8	4/28/1998	ND<5 U	FALSE
MW-8	11/10/1998	70	FALSE
MW-8	11/11/1998	20	FALSE
MW-8	4/26/1999	12	FALSE
MW-8	5/5/1999	2 I	FALSE
MW-8	10/11/1999	ND<2.5 U	FALSE
MW-8	11/1/1999	8	FALSE
MW-8	11/6/1999	10	FALSE
MW-8	4/3/2000	2 I	FALSE
MW-8	4/13/2000	6	FALSE
MW-8	11/1/2000	31	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	4/30/2001	ND<2.5 U	FALSE
MW-8	5/2/2001	ND<2.5 U	FALSE
MW-8	10/22/2001	110	FALSE
MW-8	10/24/2001	12	FALSE
MW-8	1/14/2002	7.9	FALSE
MW-8	4/29/2002	53	FALSE
MW-8	5/2/2002	110	FALSE
MW-8	10/28/2002	ND<2.5 U	FALSE
MW-8	10/31/2002	ND<2.5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	20	FALSE
MW-8	9/30/2003	5.2	FALSE
MW-8	10/2/2003	22	FALSE
MW-8	3/30/2004	9.5	FALSE
MW-8	4/1/2004	25	FALSE
MW-8	9/27/2004	8.3	FALSE
MW-8	9/29/2004	8.2	FALSE
MW-8	3/29/2005	5.6	FALSE

MW-8	4/12/2005	14	FALSE
MW-8	9/27/2005	2.5	FALSE
MW-8	3/27/2007	2.5 J	FALSE
MW-8	9/28/2007	2.2 J	FALSE
MW-8	3/27/2008	5.1	FALSE
MW-8	9/29/2008	14.7	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	5.8	FALSE
MW-8	4/6/2010	5.4	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8	10/5/2012	ND<2.5 U	FALSE
MW-8	4/9/2013	ND<1 U	FALSE

MW-10	7/14/1994	ND<2.5 U	FALSE
MW-10	12/14/1994	ND<2.5 U	FALSE
MW-10	5/7/1997	ND<2.5 U	FALSE
MW-10	11/19/1997	ND<5 U	FALSE
MW-10	4/29/1998	ND<5 U	FALSE
MW-10	11/11/1998	ND<0.5 U	FALSE
MW-10	5/5/1999	ND<0.5 U	FALSE
MW-10	10/11/1999	ND<2.5 U	FALSE
MW-10	11/6/1999	ND<0.5 U	FALSE
MW-10	4/13/2000	2 I	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	130	FALSE
MW-10	10/24/2001	ND<2.5 U	FALSE
MW-10	4/30/2002	18	FALSE
MW-10	5/2/2002	42	FALSE
MW-10	10/29/2002	26	FALSE
MW-10	3/25/2003	69	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	43	FALSE
MW-10	10/2/2003	ND<1 U	FALSE
MW-10	3/30/2004	16	FALSE
MW-10	4/1/2004	ND<1 U	FALSE
MW-10	9/27/2004	43	FALSE
MW-10	9/29/2004	ND<1 U	FALSE
MW-10	3/29/2005	ND<1 U	FALSE
MW-10	4/12/2005	59	FALSE
MW-10	9/27/2005	16	FALSE
MW-10	3/27/2007	4.7 J	FALSE
MW-10	9/27/2007	5.6	FALSE
MW-10	3/26/2008	5	FALSE
MW-10	9/26/2008	12.4	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	7.5	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10	10/3/2012	ND<2.5 U	FALSE
MW-10	4/11/2013	ND<1 U	FALSE

MW-14	7/18/1994	ND<2.5 U	FALSE
MW-14	12/14/1994	ND<2.5 U	FALSE
MW-14	5/12/1997	ND<2.5 U	FALSE
MW-14	11/18/1997	ND<5 U	FALSE
MW-14	4/28/1998	ND<5 U	FALSE
MW-14	11/12/1998	1 I	FALSE
MW-14	5/5/1999	1 I	FALSE
MW-14	10/11/1999	ND<2.5 U	FALSE
MW-14	11/3/1999	ND<0.5 U	FALSE
MW-14	4/6/2000	ND<0.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<1 U	FALSE
MW-14	3/31/2004	2.5	FALSE
MW-14	9/29/2004	ND<1 U	FALSE
MW-14	3/25/2005	ND<1 U	FALSE
MW-14	3/27/2007	8.1 J	FALSE
MW-14	9/28/2007	40.1	FALSE
MW-14	3/27/2008	23.7	FALSE
MW-14	9/30/2008	10.6	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	10.7	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	5.1	FALSE
MW-14	4/5/2012	5.3	FALSE
MW-14	10/5/2012	ND<2.5 U	FALSE
MW-14	4/11/2013	ND<2.5 U	FALSE

MW-11	4/29/2002	150	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	7.6	FALSE
MW-11	9/29/2003	6.9	FALSE
MW-11	3/30/2004	20	FALSE
MW-11	9/27/2004	ND<1 U	FALSE
MW-11	4/12/2005	2	FALSE
MW-11	9/26/2005	6	FALSE
MW-11	3/27/2007	0.83 J	FALSE
MW-11	9/27/2007	45.5	FALSE
MW-11	3/27/2008	ND<0.2 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11	10/5/2012	ND<2.5 U	FALSE

MW-11	4/9/2013	ND<1 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	36	FALSE
MW-12	9/30/2003	7.7	FALSE
MW-12	3/30/2004	ND<1 U	FALSE
MW-12	9/27/2004	10	FALSE
MW-12	4/11/2005	13	FALSE
MW-12	9/27/2005	4.3	FALSE
MW-12	3/27/2007	1.4 J	FALSE
MW-12	9/28/2007	36.8	FALSE
MW-12	3/27/2008	ND<0.2 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	11.9	FALSE
MW-12	10/2/2009	5.6	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	6.1	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE
MW-12	4/11/2013	ND<2.5 U	FALSE
MW-13	9/27/2005	ND<1 U	FALSE
MW-13	3/27/2007	ND<5 U	FALSE
MW-13	9/28/2007	0.94 J	FALSE
MW-13	3/27/2008	ND<0.2 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13	10/4/2012	ND<2.5 U	FALSE
MW-13	4/9/2013	ND<1 U	FALSE

Two-Sample Test of Proportions

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 574
Comparison Level = 10

14 background measurements exceed 10
122 compliance measurements exceed 10

p background = 0.482759 = 14 / 29
p compliance = 0.212544 = 122 / 574
p total = 0.225539 = 136 / 603

nPs = 122
mPb = 14
n(1-Ps) = 452
m(1-Pb = 15

Zp = -3.397 = -0.270215 / 0.0795453
Z critical = 1.64485 at 95% confidence level

-3.397 < 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 = 55.7659%
Background measurements (n) = 29
Maximum Background Concentration = 37
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

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

MW-7	3/16/1995	15	FALSE
MW-7	5/12/1997	18	FALSE
MW-7	11/17/1997	6 I	FALSE
MW-7	4/13/1998	29	FALSE
MW-7	4/28/1998	14 I	FALSE
MW-7	11/11/1998	8 I	FALSE
MW-7	4/26/1999	ND<2.5 U	FALSE
MW-7	5/5/1999	6 I	FALSE
MW-7	10/11/1999	ND<5 U	FALSE
MW-7	11/2/1999	ND<2.5 U	FALSE
MW-7	11/6/1999	ND<2.5 U	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	4/13/2000	6 I	FALSE
MW-7	11/6/2000	22	FALSE
MW-7	4/30/2001	18	FALSE
MW-7	**10/22/2001**	**140**	**TRUE**
MW-7	**4/29/2002**	**68**	**TRUE**
MW-7	10/28/2002	17	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	32	FALSE
MW-7	3/30/2004	6.4	FALSE
MW-7	9/27/2004	12	FALSE
MW-7	**4/12/2005**	**96**	**TRUE**
MW-7	9/26/2005	13	FALSE
MW-7	**9/30/2005**	**30000**	**TRUE**
MW-7	9/29/2006	29	FALSE
MW-7	3/27/2007	3.7 J	FALSE
MW-7	3/29/2007	25	FALSE
MW-7	9/26/2007	10.6	FALSE
MW-7	9/27/2007	ND<2.5 U	FALSE
MW-7	3/26/2008	ND<0.3 U	FALSE
MW-7	9/26/2008	ND<2.5 U	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	ND<2.5 U	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE
MW-7	10/3/2012	ND<2.5 U	FALSE
MW-7	4/1/2013	26.4	FALSE
MW-7	4/9/2013	ND<1 U	FALSE

MW-8	7/14/1994	ND<10 U	FALSE
MW-8	12/15/1994	ND<10 U	FALSE
MW-8	5/12/1997	ND<5 U	FALSE
MW-8	11/19/1997	ND<2.5 U	FALSE
MW-8	4/17/1998	8 I	FALSE
MW-8	4/28/1998	ND<2.5 U	FALSE
MW-8	11/10/1998	23	FALSE
MW-8	11/11/1998	ND<2.5 U	FALSE
MW-8	4/26/1999	ND<2.5 U	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<5 U	FALSE
MW-8	11/1/1999	ND<2.5 U	FALSE
MW-8	11/6/1999	8 I	FALSE

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

MW-5	**7/15/1994**	**94**	**TRUE**
MW-5	**10/21/1994**	**88**	**TRUE**
MW-5	**12/14/1994**	**91**	**TRUE**
MW-5	**3/16/1995**	**79**	**TRUE**
MW-5	**6/22/1995**	**76**	**TRUE**
MW-5	**10/4/1995**	**42**	**TRUE**
MW-5	5/13/1997	ND<5 U	FALSE
MW-5	11/20/1997	7 I	FALSE
MW-5	**4/13/1998**	**46**	**TRUE**
MW-5	4/29/1998	ND<2.5 U	FALSE
MW-5	11/11/1998	25	FALSE
MW-5	11/16/1998	ND<2.5 U	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	5/6/1999	ND<2.5 U	FALSE
MW-5	10/11/1999	ND<5 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	11/6/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE

MW-5	4/12/2000	ND<2.5 U	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	28	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	5/3/2001	15	FALSE
MW-5	10/22/2001	ND<2.5 U	FALSE
MW-5	10/24/2001	11	FALSE
MW-5	4/29/2002	18	FALSE
MW-5	5/1/2002	12	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	10/31/2002	11	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	8.8	FALSE
MW-5	9/29/2003	ND<2.5 U	FALSE
MW-5	10/3/2003	6	FALSE
MW-5	3/30/2004	ND<2.5 U	FALSE
MW-5	4/2/2004	5.6	FALSE
MW-5	9/27/2004	ND<2.5 U	FALSE
MW-5	9/30/2004	5	FALSE
MW-5	3/30/2005	6.4	FALSE
MW-5	4/12/2005	ND<2.5 U	FALSE
MW-5	9/26/2005	ND<2.5 U	FALSE
MW-5	**9/29/2005**	**5700**	**TRUE**
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	3/27/2007	ND<5 U	FALSE
MW-5	3/29/2007	ND<5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/27/2007	0.9 J	FALSE
MW-5	3/26/2008	ND<0.3 U	FALSE
MW-5	3/31/2008	ND<0.3 U	FALSE
MW-5	9/23/2008	ND<2.5 U	FALSE
MW-5	9/30/2008	5.7	FALSE
MW-5	3/26/2009	ND<2.5 U	FALSE
MW-5	3/30/2009	16.2	FALSE
MW-5	10/2/2009	ND<2.5 U	FALSE
MW-5	10/7/2009	6.6	FALSE
MW-5	3/30/2010	21.7	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	29.6	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	4/4/2011	7.6	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	14.8	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	10.3	FALSE
MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	8.9	FALSE
MW-5	4/1/2013	34.9	FALSE
MW-5	4/11/2013	ND<1 U	FALSE

MW-6	7/15/1994	ND<10 U	FALSE
MW-6	10/21/1994	ND<5 U	FALSE
MW-6	12/14/1994	ND<10 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	6/22/1995	ND<5 U	FALSE

MW-6	10/4/1995	ND<5 U	FALSE
MW-6	5/7/1997	ND<5 U	FALSE
MW-6	11/20/1997	ND<2.5 U	FALSE
MW-6	4/13/1998	20 I	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	26	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	4/26/1999	10 I	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	ND<5 U	FALSE
MW-6	11/2/1999	7 I	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	8 I	FALSE
MW-6	4/12/2000	ND<2.5 U	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	**11/6/2000**	**89**	**TRUE**
MW-6	4/30/2001	32	FALSE
MW-6	5/3/2001	ND<2.5 U	FALSE
MW-6	**10/22/2001**	**190**	**TRUE**
MW-6	10/24/2001	ND<2.5 U	FALSE
MW-6	**4/29/2002**	**100**	**TRUE**
MW-6	5/2/2002	ND<2.5 U	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	**9/29/2003**	**100**	**TRUE**
MW-6	10/2/2003	ND<2.5 U	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	4/2/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	15	FALSE
MW-6	9/29/2004	ND<2.5 U	FALSE
MW-6	3/30/2005	ND<2.5 U	FALSE
MW-6	**4/12/2005**	**110**	**TRUE**
MW-6	9/26/2005	21	FALSE
MW-6	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	3/27/2007	1.1 J	FALSE
MW-6	3/29/2007	ND<5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	ND<0.3 U	FALSE
MW-6	4/1/2008	ND<0.3 U	FALSE
MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	6.3	FALSE
MW-6	3/26/2009	7	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	21	FALSE
MW-6	4/2/2010	12	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	17.4	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE

MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	**4/1/2013**	**46.9**	**TRUE**
MW-6	4/9/2013	ND<1 U	FALSE

MW-14	7/18/1994	ND<10 U	FALSE
MW-14	12/14/1994	ND<10 U	FALSE
MW-14	5/12/1997	ND<5 U	FALSE
MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	ND<2.5 U	FALSE
MW-14	10/11/1999	ND<5 U	FALSE
MW-14	11/3/1999	ND<2.5 U	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<2.5 U	FALSE
MW-14	3/31/2004	ND<2.5 U	FALSE
MW-14	9/29/2004	ND<2.5 U	FALSE
MW-14	3/25/2005	ND<2.5 U	FALSE
MW-14	3/27/2007	ND<5 U	FALSE
MW-14	9/28/2007	24	FALSE
MW-14	3/27/2008	ND<0.3 U	FALSE
MW-14	9/30/2008	7.5	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14	10/5/2012	ND<2.5 U	FALSE
MW-14	4/11/2013	ND<2.5 U	FALSE

MW-3	7/18/1994	ND<10 U	FALSE
MW-3	12/12/1994	ND<10 U	FALSE
MW-3	5/14/1997	ND<5 U	FALSE
MW-3	11/20/1997	ND<2.5 U	FALSE
MW-3	**4/14/1998**	**97**	**TRUE**
MW-3	4/29/1998	8 I	FALSE
MW-3	**11/9/1998**	**105**	**TRUE**
MW-3	11/17/1998	32	FALSE
MW-3	4/27/1999	26	FALSE
MW-3	**5/7/1999**	**45**	**TRUE**
MW-3	10/11/1999	ND<5 U	FALSE
MW-3	11/1/1999	18 I	FALSE
MW-3	11/6/1999	25	FALSE
MW-3	4/3/2000	ND<2.5 U	FALSE
MW-3	4/12/2000	30	FALSE

MW-3	11/3/2000	37	FALSE
MW-3	11/6/2000	20	FALSE
MW-3	4/30/2001	15	FALSE
MW-3	**5/3/2001**	**110**	**TRUE**
MW-3	10/22/2001	17	FALSE
MW-3	**10/25/2001**	**69**	**TRUE**
MW-3	4/29/2002	26	FALSE
MW-3	**5/2/2002**	**60**	**TRUE**
MW-3	10/28/2002	19	FALSE
MW-3	**10/31/2002**	**74**	**TRUE**
MW-3	3/24/2003	21	FALSE
MW-3	4/3/2003	19	FALSE
MW-3	**9/29/2003**	**44**	**TRUE**
MW-3	10/3/2003	27	FALSE
MW-3	3/30/2004	25	FALSE
MW-3	4/2/2004	31	FALSE
MW-3	9/27/2004	18	FALSE
MW-3	9/30/2004	26	FALSE
MW-3	3/30/2005	31	FALSE
MW-3	**4/11/2005**	**87**	**TRUE**
MW-3	**9/26/2005**	**95**	**TRUE**
MW-3	**9/29/2005**	**34000**	**TRUE**
MW-3	9/29/2006	31	FALSE
MW-3	3/27/2007	9.2 J	FALSE
MW-3	3/30/2007	16	FALSE
MW-3	9/26/2007	13.2	FALSE
MW-3	9/28/2007	8.5	FALSE
MW-3	3/26/2008	ND<0.3 U	FALSE
MW-3	3/31/2008	6.1	FALSE
MW-3	9/23/2008	22.6	FALSE
MW-3	9/30/2008	9.8	FALSE
MW-3	3/26/2009	18.9	FALSE
MW-3	3/31/2009	29.9	FALSE
MW-3	10/1/2009	6.9	FALSE
MW-3	10/7/2009	31.9	FALSE
MW-3	**3/29/2010**	**39.7**	**TRUE**
MW-3	4/2/2010	12.2	FALSE
MW-3	9/28/2010	35.2	FALSE
MW-3	10/6/2010	7.3	FALSE
MW-3	3/25/2011	5.6	FALSE
MW-3	4/4/2011	23.7	FALSE
MW-3	10/5/2011	7.6	FALSE
MW-3	10/10/2011	26.6	FALSE
MW-3	4/4/2012	11.3	FALSE
MW-3	4/10/2012	29.4	FALSE
MW-3	10/3/2012	13.2	FALSE
MW-3	10/10/2012	25.2	FALSE
MW-3	**4/1/2013**	**41.9**	**TRUE**
MW-3	4/10/2013	19.2	FALSE

MW-4	7/18/1994	ND<10 U	FALSE
MW-4	12/14/1994	ND<10 U	FALSE
MW-4	5/13/1997	ND<5 U	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**84**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE

MW-4	11/9/1998	18 I	FALSE
MW-4	11/16/1998	ND<2.5 U	FALSE
MW-4	4/26/1999	14 I	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<5 U	FALSE
MW-4	11/1/1999	6 I	FALSE
MW-4	11/6/1999	ND<2.5 U	FALSE
MW-4	4/4/2000	17 I	FALSE
MW-4	4/12/2000	ND<2.5 U	FALSE
MW-4	11/3/2000	8.4	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	5/3/2001	8	FALSE
MW-4	10/22/2001	11	FALSE
MW-4	10/25/2001	6.6	FALSE
MW-4	4/29/2002	9.3	FALSE
MW-4	5/2/2002	8.1	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	10/31/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	ND<2.5 U	FALSE
MW-4	4/3/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE
MW-4	10/3/2003	ND<2.5 U	FALSE
MW-4	3/29/2004	6.9	FALSE
MW-4	4/2/2004	ND<2.5 U	FALSE
MW-4	9/27/2004	ND<2.5 U	FALSE
MW-4	9/30/2004	ND<2.5 U	FALSE
MW-4	3/30/2005	ND<2.5 U	FALSE
MW-4	4/11/2005	17	FALSE
MW-4	9/26/2005	ND<2.5 U	FALSE
MW-4	**9/29/2005**	**6300**	**TRUE**
MW-4	9/29/2006	8	FALSE
MW-4	3/27/2007	0.91 J	FALSE
MW-4	3/29/2007	10	FALSE
MW-4	9/26/2007	9.2	FALSE
MW-4	9/28/2007	1.7 J	FALSE
MW-4	3/26/2008	ND<0.3 U	FALSE
MW-4	3/31/2008	12.5	FALSE
MW-4	9/23/2008	13.6	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	3/31/2009	15.8	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	10/7/2009	19.3	FALSE
MW-4	3/30/2010	23.3	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	24.7	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	30.3	FALSE
MW-4	10/5/2011	ND<2.5 U	FALSE
MW-4	10/10/2011	34.5	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	35.8	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	**10/10/2012**	**39.3**	**TRUE**
MW-4	**4/1/2013**	**46.3**	**TRUE**

MW-4	4/10/2013	22	FALSE

MW-2	7/19/1994	ND<10 U	FALSE
MW-2	10/25/1994	ND<5 U	FALSE
MW-2	12/16/1994	ND<10 U	FALSE
MW-2	3/16/1995	ND<5 U	FALSE
MW-2	6/23/1995	ND<5 U	FALSE
MW-2	10/4/1995	ND<5 U	FALSE
MW-2	10/10/1996	ND<5 U	FALSE
MW-2	5/14/1997	ND<5 U	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	**4/15/1998**	**42**	**TRUE**
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	31	FALSE
MW-2	11/16/1998	ND<2.5 U	FALSE
MW-2	4/27/1999	ND<2.5 U	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	17 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	13 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	9.4	FALSE
MW-2	**10/22/2001**	**44**	**TRUE**
MW-2	**10/24/2001**	**50**	**TRUE**
MW-2	**4/29/2002**	**68**	**TRUE**
MW-2	5/2/2002	14	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	8.3	FALSE
MW-2	3/24/2003	5.4	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	27	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	19	FALSE
MW-2	4/2/2004	ND<2.5 U	FALSE
MW-2	**9/27/2004**	**75**	**TRUE**
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	ND<2.5 U	FALSE
MW-2	**4/11/2005**	**87**	**TRUE**
MW-2	**9/26/2005**	**46**	**TRUE**
MW-2	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	1.1 J	FALSE
MW-2	3/30/2007	ND<5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	**9/28/2007**	**49.9**	**TRUE**
MW-2	3/26/2008	ND<0.3 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	12.6	FALSE
MW-2	**3/26/2009**	**37.6**	**TRUE**
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	**10/1/2009**	**73.6**	**TRUE**
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE

MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	5.2	FALSE
MW-2	10/5/2011	5.4	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	10.8	FALSE
MW-11	**4/29/2002**	**46**	**TRUE**
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<2.5 U	FALSE
MW-11	3/30/2004	9.8	FALSE
MW-11	9/27/2004	ND<2.5 U	FALSE
MW-11	4/12/2005	ND<2.5 U	FALSE
MW-11	9/26/2005	5.8	FALSE
MW-11	3/27/2007	1.4 J	FALSE
MW-11	9/27/2007	13.3	FALSE
MW-11	3/27/2008	ND<0.3 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11	10/5/2012	ND<2.5 U	FALSE
MW-11	4/9/2013	ND<1 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	18	FALSE
MW-12	9/30/2003	ND<2.5 U	FALSE
MW-12	3/30/2004	ND<2.5 U	FALSE
MW-12	9/27/2004	11	FALSE
MW-12	4/11/2005	10	FALSE
MW-12	9/27/2005	5.7	FALSE
MW-12	3/27/2007	1.1 J	FALSE
MW-12	9/28/2007	11.9	FALSE
MW-12	3/27/2008	ND<0.3 U	FALSE
MW-12	9/30/2008	6.4	FALSE
MW-12	3/26/2009	15.5	FALSE
MW-12	10/2/2009	ND<2.5 U	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE

MW-12	4/11/2013	ND<2.5 U	FALSE
MW-13	9/27/2005	18	FALSE
MW-13	3/27/2007	21	FALSE
MW-13	9/28/2007	ND<2.5 U	FALSE
MW-13	3/27/2008	ND<0.3 U	FALSE
MW-13	9/29/2008	14.8	FALSE
MW-13	**3/26/2009**	**50**	**TRUE**
MW-13	10/2/2009	32.2	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	**10/7/2010**	**45.2**	**TRUE**
MW-13	3/25/2011	17.4	FALSE
MW-13	10/6/2011	32.7	FALSE
MW-13	**4/5/2012**	**46**	**TRUE**
MW-13	10/4/2012	7.7	FALSE
MW-13	4/9/2013	6.4	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 552
Comparison Level = 1

28 background measurements exceed 1
530 compliance measurements exceed 1

p background = 0.965517 = 28 / 29
p compliance = 0.960145 = 530 / 552
p total = 0.960413 = 558 / 581

nPs = 530
mPb = 28
n(1-Ps) = 22
m(1-Pb = 1 < 5.0

Zp = -0.144623 = -0.00537231 / 0.0371471
Z critical = 1.64485 at 95% confidence level

-0.144623 < 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 = 56.1873%
Background measurements (n) = 29
Maximum Background Concentration = 76
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

Location	Date	Value	Significant
MW-2	**9/12/1990**	**310**	**TRUE**
MW-2	9/25/1991	33	FALSE
MW-2	9/22/1992	29	FALSE
MW-2	4/13/1993	ND<5 U	FALSE
MW-2	7/19/1994	ND<5 U	FALSE
MW-2	10/25/1994	ND<5 U	FALSE
MW-2	12/16/1994	ND<5 U	FALSE
MW-2	3/16/1995	ND<5 U	FALSE
MW-2	6/23/1995	ND<5 U	FALSE
MW-2	10/4/1995	ND<5 U	FALSE
MW-2	10/10/1996	ND<5 U	FALSE
MW-2	5/14/1997	4 I	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	4/15/1998	28	FALSE
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	23	FALSE
MW-2	11/16/1998	ND<2.5 U	FALSE
MW-2	4/27/1999	5	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	10 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	10 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	6.4	FALSE
MW-2	11/6/2000	ND<2.5 U	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	40	FALSE
MW-2	10/22/2001	34	FALSE
MW-2	**10/24/2001**	**160**	**TRUE**
MW-2	4/29/2002	50	FALSE
MW-2	5/2/2002	48	FALSE
MW-2	10/28/2002	ND<1 U	FALSE
MW-2	10/30/2002	25	FALSE
MW-2	3/24/2003	4	FALSE
MW-2	3/26/2003	7.4	FALSE
MW-2	9/29/2003	20	FALSE
MW-2	10/6/2003	2.5	FALSE
MW-2	3/29/2004	13	FALSE
MW-2	4/2/2004	4.1	FALSE
MW-2	9/27/2004	46	FALSE
MW-2	10/6/2004	ND<1 U	FALSE
MW-2	3/30/2005	8	FALSE
MW-2	4/11/2005	61	FALSE
MW-2	9/26/2005	28	FALSE

MW-2	**9/30/2005**	**4500**	**TRUE**
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	0.58 J	FALSE
MW-2	3/30/2007	ND<5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/28/2007	50.9	FALSE
MW-2	3/26/2008	ND<0.15 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	6.8	FALSE
MW-2	3/26/2009	23.5	FALSE
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	10/1/2009	53	FALSE
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE
MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	6.1	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	ND<1 U	FALSE
MW-3	9/12/1990	31	FALSE
MW-3	9/26/1991	10	FALSE
MW-3	9/21/1992	ND<5 U	FALSE
MW-3	4/9/1993	ND<5 U	FALSE
MW-3	7/18/1994	ND<5 U	FALSE
MW-3	12/12/1994	ND<5 U	FALSE
MW-3	5/14/1997	ND<1 U	FALSE
MW-3	11/20/1997	ND<2.5 U	FALSE
MW-3	**4/14/1998**	**165**	**TRUE**
MW-3	4/29/1998	ND<2.5 U	FALSE
MW-3	**11/9/1998**	**143**	**TRUE**
MW-3	11/17/1998	ND<2.5 U	FALSE
MW-3	4/27/1999	30	FALSE
MW-3	5/7/1999	ND<2.5 U	FALSE
MW-3	10/11/1999	ND<5 U	FALSE
MW-3	11/1/1999	17 I	FALSE
MW-3	11/6/1999	ND<2.5 U	FALSE
MW-3	4/3/2000	ND<2.5 U	FALSE
MW-3	4/12/2000	ND<2.5 U	FALSE
MW-3	11/3/2000	ND<2.5 U	FALSE
MW-3	11/6/2000	8.2	FALSE
MW-3	4/30/2001	7.8	FALSE
MW-3	5/3/2001	23	FALSE
MW-3	10/22/2001	28	FALSE
MW-3	10/25/2001	27	FALSE
MW-3	4/29/2002	43	FALSE
MW-3	5/2/2002	15	FALSE
MW-3	10/28/2002	15	FALSE

MW-3	10/31/2002	2	FALSE
MW-3	3/24/2003	18	FALSE
MW-3	4/3/2003	ND<1 U	FALSE
MW-3	9/29/2003	36	FALSE
MW-3	10/3/2003	ND<1 U	FALSE
MW-3	3/30/2004	9.3	FALSE
MW-3	4/2/2004	ND<1 U	FALSE
MW-3	9/27/2004	13	FALSE
MW-3	9/30/2004	ND<1 U	FALSE
MW-3	3/30/2005	ND<1 U	FALSE
MW-3	**4/11/2005**	**160**	**TRUE**
MW-3	**9/26/2005**	**77**	**TRUE**
MW-3	**9/29/2005**	**ND<1000 U**	**TRUE**
MW-3	9/29/2006	ND<2.5 U	FALSE
MW-3	3/27/2007	8.6 J	FALSE
MW-3	3/30/2007	ND<5 U	FALSE
MW-3	9/26/2007	ND<2.5 U	FALSE
MW-3	9/28/2007	10.6	FALSE
MW-3	3/26/2008	37.6	FALSE
MW-3	3/31/2008	ND<0.15 U	FALSE
MW-3	9/23/2008	ND<2.5 U	FALSE
MW-3	9/30/2008	6.7	FALSE
MW-3	3/26/2009	40.6	FALSE
MW-3	3/31/2009	ND<2.5 U	FALSE
MW-3	10/1/2009	7.6	FALSE
MW-3	10/7/2009	ND<2.5 U	FALSE
MW-3	3/29/2010	ND<2.5 U	FALSE
MW-3	4/2/2010	ND<2.5 U	FALSE
MW-3	9/28/2010	ND<2.5 U	FALSE
MW-3	10/6/2010	7.5	FALSE
MW-3	3/25/2011	ND<2.5 U	FALSE
MW-3	4/4/2011	ND<2.5 U	FALSE
MW-3	10/5/2011	ND<2.5 U	FALSE
MW-3	10/10/2011	ND<2.5 U	FALSE
MW-3	4/4/2012	6.3	FALSE
MW-3	4/10/2012	ND<2.5 U	FALSE
MW-3	10/3/2012	ND<2.5 U	FALSE
MW-3	10/10/2012	ND<2.5 U	FALSE
MW-3	4/1/2013	ND<2.5 U	FALSE
MW-3	4/10/2013	5.8	FALSE

MW-4	**9/12/1990**	**91**	**TRUE**
MW-4	**9/26/1991**	**210**	**TRUE**
MW-4	9/21/1992	12	FALSE
MW-4	7/18/1994	ND<5 U	FALSE
MW-4	12/14/1994	ND<5 U	FALSE
MW-4	5/13/1997	3 I	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**171**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE
MW-4	11/9/1998	31	FALSE
MW-4	11/16/1998	ND<2.5 U	FALSE
MW-4	4/26/1999	16 I	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<5 U	FALSE
MW-4	11/1/1999	7 I	FALSE

MW-4	11/6/1999	ND<2.5 U	FALSE
MW-4	4/4/2000	32	FALSE
MW-4	4/12/2000	ND<2.5 U	FALSE
MW-4	11/3/2000	42	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	5/3/2001	37	FALSE
MW-4	10/22/2001	18	FALSE
MW-4	10/25/2001	46	FALSE
MW-4	4/29/2002	14	FALSE
MW-4	5/2/2002	40	FALSE
MW-4	10/28/2002	4.1	FALSE
MW-4	10/31/2002	4.3	FALSE
MW-4	3/24/2003	8.1	FALSE
MW-4	4/3/2003	ND<1 U	FALSE
MW-4	9/30/2003	2.7	FALSE
MW-4	10/3/2003	ND<1 U	FALSE
MW-4	3/29/2004	19	FALSE
MW-4	4/2/2004	ND<1 U	FALSE
MW-4	9/27/2004	ND<1 U	FALSE
MW-4	9/30/2004	ND<1 U	FALSE
MW-4	3/30/2005	ND<1 U	FALSE
MW-4	4/11/2005	57	FALSE
MW-4	9/26/2005	12	FALSE
MW-4	**9/29/2005**	**2700**	**TRUE**
MW-4	9/29/2006	ND<2.5 U	FALSE
MW-4	3/27/2007	1.4 J	FALSE
MW-4	3/29/2007	ND<5 U	FALSE
MW-4	9/26/2007	0.3 J	FALSE
MW-4	9/28/2007	2.4 J	FALSE
MW-4	3/26/2008	ND<0.15 U	FALSE
MW-4	3/31/2008	ND<0.15 U	FALSE
MW-4	9/23/2008	ND<2.5 U	FALSE
MW-4	9/29/2008	ND<2.5 U	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	3/31/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	ND<2.5 U	FALSE
MW-4	10/7/2009	ND<2.5 U	FALSE
MW-4	3/30/2010	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	5.4	FALSE
MW-4	10/10/2011	5.3	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	ND<2.5 U	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	10/10/2012	ND<2.5 U	FALSE
MW-4	4/1/2013	ND<2.5 U	FALSE
MW-4	4/10/2013	35	FALSE

MW-5	9/26/1991	26	FALSE
MW-5	9/21/1992	ND<5 U	FALSE
MW-5	7/15/1994	ND<5 U	FALSE

MW-5	10/21/1994	21	FALSE
MW-5	12/14/1994	ND<5 U	FALSE
MW-5	3/16/1995	ND<5 U	FALSE
MW-5	6/22/1995	ND<5 U	FALSE
MW-5	10/4/1995	ND<5 U	FALSE
MW-5	5/13/1997	ND<1 U	FALSE
MW-5	11/20/1997	ND<2.5 U	FALSE
MW-5	4/13/1998	69	FALSE
MW-5	4/29/1998	ND<2.5 U	FALSE
MW-5	11/11/1998	36	FALSE
MW-5	11/16/1998	ND<2.5 U	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	5/6/1999	72	FALSE
MW-5	10/11/1999	ND<5 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	11/6/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE
MW-5	4/12/2000	ND<2.5 U	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	13	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	5/3/2001	37	FALSE
MW-5	10/22/2001	ND<2.5 U	FALSE
MW-5	10/24/2001	24	FALSE
MW-5	4/29/2002	36	FALSE
MW-5	5/1/2002	27	FALSE
MW-5	10/28/2002	3.6	FALSE
MW-5	10/31/2002	6.5	FALSE
MW-5	3/24/2003	2.9	FALSE
MW-5	4/3/2003	ND<1 U	FALSE
MW-5	9/29/2003	3.6	FALSE
MW-5	10/3/2003	ND<1 U	FALSE
MW-5	3/30/2004	5.2	FALSE
MW-5	4/2/2004	ND<1 U	FALSE
MW-5	9/27/2004	2.5	FALSE
MW-5	9/30/2004	ND<1 U	FALSE
MW-5	3/30/2005	ND<1 U	FALSE
MW-5	4/12/2005	ND<1 U	FALSE
MW-5	9/26/2005	2.5	FALSE
MW-5	**9/29/2005**	**ND<1000 U**	**TRUE**
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	3/27/2007	2.1 J	FALSE
MW-5	3/29/2007	ND<5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/27/2007	ND<2.5 U	FALSE
MW-5	3/26/2008	ND<0.15 U	FALSE
MW-5	3/31/2008	ND<0.15 U	FALSE
MW-5	9/23/2008	ND<2.5 U	FALSE
MW-5	9/30/2008	15.3	FALSE
MW-5	3/26/2009	ND<2.5 U	FALSE
MW-5	3/30/2009	ND<2.5 U	FALSE
MW-5	10/2/2009	6	FALSE
MW-5	10/7/2009	ND<2.5 U	FALSE
MW-5	3/30/2010	ND<2.5 U	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE

MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	4/4/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	ND<2.5 U	FALSE
MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	ND<2.5 U	FALSE
MW-5	4/1/2013	ND<2.5 U	FALSE
MW-5	4/11/2013	ND<1 U	FALSE

MW-6	9/26/1991	11	FALSE
MW-6	9/21/1992	ND<5 U	FALSE
MW-6	7/15/1994	ND<5 U	FALSE
MW-6	10/21/1994	ND<5 U	FALSE
MW-6	12/14/1994	ND<5 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	6/22/1995	ND<5 U	FALSE
MW-6	10/4/1995	ND<5 U	FALSE
MW-6	5/7/1997	21	FALSE
MW-6	11/20/1997	8 I	FALSE
MW-6	4/13/1998	25	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	30	FALSE
MW-6	11/16/1998	6 I	FALSE
MW-6	4/26/1999	11 I	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	23	FALSE
MW-6	11/2/1999	10 I	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	5 I	FALSE
MW-6	4/12/2000	ND<2.5 U	FALSE
MW-6	**11/2/2000**	**120**	**TRUE**
MW-6	11/6/2000	32	FALSE
MW-6	4/30/2001	10	FALSE
MW-6	**5/3/2001**	**86**	**TRUE**
MW-6	**10/22/2001**	**210**	**TRUE**
MW-6	10/24/2001	59	FALSE
MW-6	**4/29/2002**	**110**	**TRUE**
MW-6	5/2/2002	13	FALSE
MW-6	10/28/2002	ND<1 U	FALSE
MW-6	10/31/2002	2.8	FALSE
MW-6	3/25/2003	ND<1 U	FALSE
MW-6	4/25/2003	ND<1 U	FALSE
MW-6	**9/29/2003**	**130**	**TRUE**
MW-6	10/2/2003	ND<1 U	FALSE
MW-6	3/30/2004	ND<1 U	FALSE
MW-6	4/2/2004	ND<1 U	FALSE
MW-6	9/27/2004	14	FALSE
MW-6	9/29/2004	ND<1 U	FALSE
MW-6	3/30/2005	ND<1 U	FALSE
MW-6	**4/12/2005**	**140**	**TRUE**
MW-6	9/26/2005	9	FALSE
MW-6	**9/30/2005**	**ND<1000 U**	**TRUE**
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	3/27/2007	ND<5 U	FALSE

MW-6	3/29/2007	ND<5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	15.6	FALSE
MW-6	4/1/2008	ND<0.15 U	FALSE
MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	ND<2.5 U	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	6.3	FALSE
MW-6	3/30/2010	ND<2.5 U	FALSE
MW-6	4/2/2010	11	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE
MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/1/2013	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<1 U	FALSE

MW-7	4/8/1993	ND<5 U	FALSE
MW-7	7/14/1994	ND<5 U	FALSE
MW-7	12/14/1994	ND<5 U	FALSE
MW-7	3/16/1995	ND<5 U	FALSE
MW-7	5/12/1997	2 I	FALSE
MW-7	11/17/1997	ND<2.5 U	FALSE
MW-7	4/13/1998	50	FALSE
MW-7	4/28/1998	ND<2.5 U	FALSE
MW-7	11/11/1998	ND<2.5 U	FALSE
MW-7	4/26/1999	6 I	FALSE
MW-7	5/5/1999	ND<2.5 U	FALSE
MW-7	10/11/1999	ND<5 U	FALSE
MW-7	11/2/1999	6 I	FALSE
MW-7	11/6/1999	ND<2.5 U	FALSE
MW-7	4/3/2000	ND<2.5 U	FALSE
MW-7	4/13/2000	ND<2.5 U	FALSE
MW-7	11/6/2000	22	FALSE
MW-7	4/30/2001	22	FALSE
MW-7	**10/22/2001**	**300**	**TRUE**
MW-7	**4/29/2002**	**140**	**TRUE**
MW-7	10/28/2002	32	FALSE
MW-7	3/25/2003	5.5	FALSE
MW-7	9/29/2003	74	FALSE
MW-7	3/30/2004	ND<1 U	FALSE
MW-7	9/27/2004	22	FALSE
MW-7	**4/12/2005**	**240**	**TRUE**
MW-7	9/26/2005	28	FALSE
MW-7	**9/30/2005**	**4000**	**TRUE**
MW-7	9/29/2006	19	FALSE
MW-7	3/27/2007	18	FALSE
MW-7	3/29/2007	ND<5 U	FALSE

MW-7	9/26/2007	9.8	FALSE
MW-7	9/27/2007	4.3 J	FALSE
MW-7	3/26/2008	6.2	FALSE
MW-7	9/26/2008	6.4	FALSE
MW-7	3/26/2009	ND<2.5 U	FALSE
MW-7	10/1/2009	ND<2.5 U	FALSE
MW-7	4/2/2010	ND<2.5 U	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	ND<2.5 U	FALSE
MW-7	10/5/2011	7.2	FALSE
MW-7	4/4/2012	ND<2.5 U	FALSE
MW-7	10/3/2012	ND<2.5 U	FALSE
MW-7	4/1/2013	ND<2.5 U	FALSE
MW-7	4/9/2013	ND<1 U	FALSE
MW-8	4/8/1993	ND<5 U	FALSE
MW-8	7/14/1994	ND<5 U	FALSE
MW-8	12/15/1994	ND<5 U	FALSE
MW-8	5/12/1997	16	FALSE
MW-8	11/19/1997	11 I	FALSE
MW-8	4/17/1998	15 I	FALSE
MW-8	4/28/1998	10 I	FALSE
MW-8	11/10/1998	47	FALSE
MW-8	11/11/1998	24	FALSE
MW-8	4/26/1999	10 I	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<5 U	FALSE
MW-8	11/1/1999	6 I	FALSE
MW-8	11/6/1999	14 I	FALSE
MW-8	4/3/2000	ND<2.5 U	FALSE
MW-8	4/13/2000	5 I	FALSE
MW-8	11/1/2000	45	FALSE
MW-8	11/7/2000	ND<2.5 U	FALSE
MW-8	4/30/2001	ND<2.5 U	FALSE
MW-8	5/2/2001	ND<2.5 U	FALSE
MW-8	**10/22/2001**	**99**	**TRUE**
MW-8	10/24/2001	39	FALSE
MW-8	1/14/2002	9.8	FALSE
MW-8	4/29/2002	47	FALSE
MW-8	**5/2/2002**	**200**	**TRUE**
MW-8	10/28/2002	2.7	FALSE
MW-8	10/31/2002	8.9	FALSE
MW-8	3/25/2003	4.1	FALSE
MW-8	3/28/2003	33	FALSE
MW-8	9/30/2003	5.9	FALSE
MW-8	10/2/2003	30	FALSE
MW-8	3/30/2004	9.3	FALSE
MW-8	4/1/2004	37	FALSE
MW-8	9/27/2004	8.4	FALSE
MW-8	9/29/2004	2.3	FALSE
MW-8	3/29/2005	10	FALSE
MW-8	4/12/2005	14	FALSE
MW-8	9/27/2005	ND<1 U	FALSE
MW-8	3/27/2007	2.3 J	FALSE
MW-8	9/28/2007	0.7 J	FALSE
MW-8	3/27/2008	ND<0.15 U	FALSE

MW-8	9/29/2008	ND<2.5 U	FALSE
MW-8	3/25/2009	ND<2.5 U	FALSE
MW-8	10/5/2009	ND<2.5 U	FALSE
MW-8	4/6/2010	ND<2.5 U	FALSE
MW-8	10/8/2010	ND<2.5 U	FALSE
MW-8	3/29/2011	ND<2.5 U	FALSE
MW-8	10/6/2011	ND<2.5 U	FALSE
MW-8	4/6/2012	ND<2.5 U	FALSE
MW-8	10/5/2012	ND<2.5 U	FALSE
MW-8	4/9/2013	ND<1 U	FALSE
MW-10	7/14/1994	ND<5 U	FALSE
MW-10	12/14/1994	ND<5 U	FALSE
MW-10	5/7/1997	ND<1 U	FALSE
MW-10	11/19/1997	ND<2.5 U	FALSE
MW-10	4/29/1998	ND<2.5 U	FALSE
MW-10	11/11/1998	ND<2.5 U	FALSE
MW-10	5/5/1999	ND<2.5 U	FALSE
MW-10	10/11/1999	ND<5 U	FALSE
MW-10	11/6/1999	ND<2.5 U	FALSE
MW-10	4/13/2000	ND<2.5 U	FALSE
MW-10	11/1/2000	ND<2.5 U	FALSE
MW-10	5/2/2001	64	FALSE
MW-10	10/24/2001	ND<2.5 U	FALSE
MW-10	4/30/2002	9	FALSE
MW-10	5/2/2002	22	FALSE
MW-10	10/29/2002	24	FALSE
MW-10	3/25/2003	31	FALSE
MW-10	3/28/2003	ND<1 U	FALSE
MW-10	9/30/2003	24	FALSE
MW-10	10/2/2003	ND<1 U	FALSE
MW-10	3/30/2004	6	FALSE
MW-10	4/1/2004	2.3	FALSE
MW-10	9/27/2004	28	FALSE
MW-10	9/29/2004	ND<1 U	FALSE
MW-10	3/29/2005	ND<1 U	FALSE
MW-10	**4/12/2005**	**170**	**TRUE**
MW-10	**9/27/2005**	**79**	**TRUE**
MW-10	3/27/2007	17	FALSE
MW-10	9/27/2007	17.6	FALSE
MW-10	3/26/2008	10.1	FALSE
MW-10	9/26/2008	17.3	FALSE
MW-10	3/26/2009	ND<2.5 U	FALSE
MW-10	10/1/2009	10.3	FALSE
MW-10	4/2/2010	ND<2.5 U	FALSE
MW-10	10/7/2010	ND<2.5 U	FALSE
MW-10	3/29/2011	ND<2.5 U	FALSE
MW-10	10/5/2011	ND<2.5 U	FALSE
MW-10	4/4/2012	ND<2.5 U	FALSE
MW-10	10/3/2012	ND<2.5 U	FALSE
MW-10	4/11/2013	5.1	FALSE
MW-14	7/18/1994	ND<5 U	FALSE
MW-14	12/14/1994	ND<5 U	FALSE
MW-14	5/12/1997	3 I	FALSE

MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	5 I	FALSE
MW-14	10/11/1999	ND<5 U	FALSE
MW-14	11/3/1999	6 I	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<1 U	FALSE
MW-14	10/31/2002	ND<1 U	FALSE
MW-14	3/28/2003	ND<1 U	FALSE
MW-14	10/1/2003	ND<1 U	FALSE
MW-14	3/31/2004	2.6	FALSE
MW-14	9/29/2004	ND<1 U	FALSE
MW-14	3/25/2005	3	FALSE
MW-14	3/27/2007	5.2 J	FALSE
MW-14	9/28/2007	42.6	FALSE
MW-14	3/27/2008	19.2	FALSE
MW-14	9/30/2008	6.3	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	ND<2.5 U	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	30.1	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14	10/5/2012	ND<2.5 U	FALSE
MW-14	4/11/2013	ND<2.5 U	FALSE

MW-11	**4/29/2002**	**84**	**TRUE**
MW-11	10/29/2002	ND<1 U	FALSE
MW-11	3/25/2003	5.9	FALSE
MW-11	9/29/2003	9.7	FALSE
MW-11	3/30/2004	28	FALSE
MW-11	9/27/2004	2.7	FALSE
MW-11	4/12/2005	5.2	FALSE
MW-11	9/26/2005	14	FALSE
MW-11	3/27/2007	3 J	FALSE
MW-11	9/27/2007	67.5	FALSE
MW-11	3/27/2008	46.7	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11	10/5/2012	ND<2.5 U	FALSE
MW-11	4/9/2013	ND<1 U	FALSE

MW-12	10/28/2002	ND<1 U	FALSE
MW-12	3/25/2003	22	FALSE

MW-12	9/30/2003	8	FALSE
MW-12	3/30/2004	ND<1 U	FALSE
MW-12	9/27/2004	15	FALSE
MW-12	4/11/2005	15	FALSE
MW-12	9/27/2005	5.2	FALSE
MW-12	3/27/2007	0.91 J	FALSE
MW-12	9/28/2007	62.5	FALSE
MW-12	3/27/2008	ND<0.15 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	12.5	FALSE
MW-12	10/2/2009	6.1	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	5	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE
MW-12	4/11/2013	ND<2.5 U	FALSE

MW-13	9/27/2005	3.6	FALSE
MW-13	3/27/2007	0.47 J	FALSE
MW-13	9/28/2007	1.4 J	FALSE
MW-13	3/27/2008	ND<0.15 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13	10/4/2012	ND<2.5 U	FALSE
MW-13	4/9/2013	ND<1 U	FALSE

Two-Sample Test of Proportions

Parameter: Copper

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 569
Comparison Level = 1000

0 background measurements exceed 1000
3 compliance measurements exceed 1000

p background = 0 = 0 / 29
p compliance = 0.00527241 = 3 / 569
p total = 0.00501672 = 3 / 598

nPs = 3 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 566
m(1-Pb = 29

Zp = 0.392009 = 0.00527241 / 0.0134497
Z critical = 1.64485 at 95% confidence level

0.392009 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1000

Non-Parametric Tolerance Interval

Parameter: Cyanide- Total

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 89.2857%
Background measurements (n) = 1
Maximum Background Concentration = 5.9
Minimum Coverage = 5%
Average Coverage = 50%

Location	Date	Value	Significant
MW-5	6/22/1995	ND<1 U	FALSE
MW-5	11/16/1998	ND<2.5 U	FALSE
MW-5	11/6/1999	ND<2.5 U	FALSE
MW-5	11/1/2000	ND<1 U	FALSE
MW-5	10/24/2001	ND<1 U	FALSE
MW-5	10/31/2002	ND<1 U	FALSE
MW-5	10/3/2003	ND<1 U	FALSE
MW-5	9/30/2004	ND<2.5 U	FALSE
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/23/2008	ND<2.5 U	FALSE
MW-5	10/7/2009	ND<0.0025 U	FALSE
MW-5	9/28/2010	ND<2.5 U	FALSE
MW-5	10/10/2011	ND<2.5 U	FALSE
MW-5	10/10/2012	ND<2.5 U	FALSE
MW-5	4/11/2013	ND<2.5 U	FALSE
MW-6	6/22/1995	ND<1 U	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	11/2/2000	ND<1 U	FALSE
MW-6	10/24/2001	ND<1 U	FALSE
MW-6	10/31/2002	ND<1 U	FALSE
MW-6	10/2/2003	ND<1 U	FALSE
MW-6	9/29/2004	ND<2.5 U	FALSE
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<0.0025 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<2.5 U	FALSE
MW-2	6/23/1995	ND<1 U	FALSE
MW-2	11/16/1998	ND<2.5 U	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	11/2/2000	2.7	FALSE
MW-2	10/24/2001	ND<1 U	FALSE
MW-2	10/30/2002	ND<1 U	FALSE
MW-2	10/6/2003	2	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE

MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	10/7/2009	ND<0.0025 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/10/2013	5.3	FALSE
MW-11	4/9/2013	5	FALSE
MW-13	**4/9/2013**	**6.6**	**TRUE**
MW-7	4/9/2013	ND<2.5 U	FALSE
MW-8	4/9/2013	ND<2.5 U	FALSE
MW-3	4/10/2013	ND<2.5 U	FALSE
MW-4	4/10/2013	ND<2.5 U	FALSE
MW-10	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Cyanide- Total

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 1
Compliance measurements = 55
Comparison Level = 70

0 background measurements exceed 70
0 compliance measurements exceed 70

p background = 0 = 0 / 1
p compliance = 0 = 0 / 55
p total = 0 = 0 / 56

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 55
m(1-Pb = 1 < 5.0

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 42.1687%
Background measurements (n) = 29
Maximum Background Concentration = 120
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

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

MW-7	3/16/1995	ND<25 U	FALSE
MW-7	5/12/1997	ND<2.5 U	FALSE
MW-7	11/17/1997	16	FALSE
MW-7	4/13/1998	85	FALSE
MW-7	4/28/1998	8 I	FALSE
MW-7	11/11/1998	14 I	FALSE
MW-7	4/26/1999	9 I	FALSE
MW-7	5/5/1999	14 I	FALSE
MW-7	10/11/1999	ND<25 U	FALSE
MW-7	11/2/1999	10 I	FALSE
MW-7	11/6/1999	15 I	FALSE
MW-7	4/3/2000	8 I	FALSE
MW-7	4/13/2000	14 I	FALSE
MW-7	11/6/2000	52	FALSE
MW-7	4/30/2001	36	FALSE
MW-7	**10/22/2001**	**340**	**TRUE**
MW-7	**4/29/2002**	**170**	**TRUE**
MW-7	10/28/2002	41	FALSE
MW-7	3/25/2003	12	FALSE
MW-7	9/29/2003	92	FALSE
MW-7	3/30/2004	13	FALSE
MW-7	9/27/2004	28	FALSE
MW-7	**4/12/2005**	**250**	**TRUE**
MW-7	9/26/2005	42	FALSE
MW-7	**9/30/2005**	**24000**	**TRUE**
MW-7	9/29/2006	25	FALSE
MW-7	3/27/2007	18 J	FALSE
MW-7	3/29/2007	ND<25 U	FALSE
MW-7	9/26/2007	17	FALSE
MW-7	9/27/2007	14.2	FALSE
MW-7	3/26/2008	14.2	FALSE
MW-7	9/26/2008	13.3	FALSE
MW-7	3/26/2009	7.3	FALSE
MW-7	10/1/2009	11.8	FALSE
MW-7	4/2/2010	7	FALSE
MW-7	10/6/2010	ND<2.5 U	FALSE
MW-7	3/25/2011	6	FALSE
MW-7	10/5/2011	10.8	FALSE
MW-7	4/4/2012	8.8	FALSE
MW-7	10/3/2012	12.2	FALSE
MW-7	4/1/2013	21.5	FALSE
MW-7	4/9/2013	12.4	FALSE

MW-8	7/14/1994	ND<2.5 U	FALSE
MW-8	12/15/1994	ND<2.5 U	FALSE
MW-8	5/12/1997	12	FALSE
MW-8	11/19/1997	10 I	FALSE
MW-8	4/17/1998	38	FALSE
MW-8	4/28/1998	7 I	FALSE
MW-8	11/10/1998	40	FALSE
MW-8	11/11/1998	19 I	FALSE
MW-8	4/26/1999	8 I	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<25 U	FALSE
MW-8	11/1/1999	7 I	FALSE
MW-8	11/6/1999	8 I	FALSE

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

MW-5	7/15/1994	ND<2.5 U	FALSE
MW-5	10/21/1994	ND<25 U	FALSE
MW-5	12/14/1994	ND<2.5 U	FALSE
MW-5	3/16/1995	ND<25 U	FALSE
MW-5	6/22/1995	ND<25 U	FALSE
MW-5	10/4/1995	ND<25 U	FALSE
MW-5	5/13/1997	8	FALSE
MW-5	11/20/1997	7 I	FALSE
MW-5	4/13/1998	88	FALSE
MW-5	4/29/1998	6 I	FALSE
MW-5	11/11/1998	52	FALSE
MW-5	11/16/1998	7 I	FALSE
MW-5	4/26/1999	ND<2.5 U	FALSE
MW-5	5/6/1999	9 I	FALSE
MW-5	10/11/1999	ND<25 U	FALSE
MW-5	11/2/1999	ND<2.5 U	FALSE
MW-5	11/6/1999	6 I	FALSE
MW-5	4/3/2000	ND<2.5 U	FALSE

MW-5	4/12/2000	7 I	FALSE
MW-5	11/1/2000	7.4	FALSE
MW-5	11/6/2000	34	FALSE
MW-5	4/30/2001	ND<2.5 U	FALSE
MW-5	5/3/2001	19	FALSE
MW-5	10/22/2001	5.1	FALSE
MW-5	10/24/2001	17	FALSE
MW-5	4/29/2002	49	FALSE
MW-5	5/1/2002	23	FALSE
MW-5	10/28/2002	ND<2.5 U	FALSE
MW-5	10/31/2002	12	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<2.5 U	FALSE
MW-5	10/3/2003	11	FALSE
MW-5	3/30/2004	5.1	FALSE
MW-5	4/2/2004	11	FALSE
MW-5	9/27/2004	ND<2.5 U	FALSE
MW-5	9/30/2004	7.2	FALSE
MW-5	3/30/2005	8.8	FALSE
MW-5	4/12/2005	ND<2.5 U	FALSE
MW-5	9/26/2005	ND<2.5 U	FALSE
MW-5	**9/29/2005**	**9800**	**TRUE**
MW-5	9/29/2006	13	FALSE
MW-5	3/27/2007	ND<25 U	FALSE
MW-5	3/29/2007	ND<25 U	FALSE
MW-5	9/26/2007	8.5	FALSE
MW-5	9/27/2007	ND<2.5 U	FALSE
MW-5	3/26/2008	5.1	FALSE
MW-5	3/31/2008	12.3	FALSE
MW-5	9/23/2008	25.2	FALSE
MW-5	9/30/2008	6.2	FALSE
MW-5	3/26/2009	7.3	FALSE
MW-5	3/30/2009	10	FALSE
MW-5	10/2/2009	11.8	FALSE
MW-5	10/7/2009	13.6	FALSE
MW-5	3/30/2010	10.2	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	6.6	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	ND<2.5 U	FALSE
MW-5	4/4/2011	10	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	12.2	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	11.6	FALSE
MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	10.5	FALSE
MW-5	4/1/2013	12.5	FALSE
MW-5	4/11/2013	ND<1.25 U	FALSE

MW-6	7/15/1994	ND<2.5 U	FALSE
MW-6	10/21/1994	ND<25 U	FALSE
MW-6	12/14/1994	ND<2.5 U	FALSE
MW-6	3/16/1995	ND<25 U	FALSE
MW-6	6/22/1995	ND<25 U	FALSE

MW-6	10/4/1995	ND<25 U	FALSE
MW-6	5/7/1997	6 I	FALSE
MW-6	11/20/1997	ND<2.5 U	FALSE
MW-6	4/13/1998	24	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	28	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	4/26/1999	12 I	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	ND<25 U	FALSE
MW-6	11/2/1999	10 I	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	ND<2.5 U	FALSE
MW-6	4/12/2000	5 I	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	31	FALSE
MW-6	4/30/2001	12	FALSE
MW-6	5/3/2001	36	FALSE
MW-6	**10/22/2001**	**170**	**TRUE**
MW-6	10/24/2001	5.2	FALSE
MW-6	4/29/2002	94	FALSE
MW-6	5/2/2002	6.3	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	100	FALSE
MW-6	10/2/2003	5	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	4/2/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	12	FALSE
MW-6	9/29/2004	5.5	FALSE
MW-6	3/30/2005	ND<2.5 U	FALSE
MW-6	4/12/2005	92	FALSE
MW-6	9/26/2005	8	FALSE
MW-6	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-6	9/29/2006	7.4	FALSE
MW-6	3/27/2007	ND<25 U	FALSE
MW-6	3/29/2007	ND<25 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	12.2	FALSE
MW-6	4/1/2008	5.5	FALSE
MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	ND<2.5 U	FALSE
MW-6	3/26/2009	ND<2.5 U	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	ND<2.5 U	FALSE
MW-6	4/2/2010	10.4	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE

MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/1/2013	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<1.25 U	FALSE

MW-14	7/18/1994	ND<2.5 U	FALSE
MW-14	12/14/1994	ND<2.5 U	FALSE
MW-14	5/12/1997	ND<2.5 U	FALSE
MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	ND<2.5 U	FALSE
MW-14	10/11/1999	ND<25 U	FALSE
MW-14	11/3/1999	ND<2.5 U	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<2.5 U	FALSE
MW-14	3/31/2004	ND<2.5 U	FALSE
MW-14	9/29/2004	ND<2.5 U	FALSE
MW-14	3/25/2005	ND<2.5 U	FALSE
MW-14	3/27/2007	4.8 J	FALSE
MW-14	9/28/2007	35.6	FALSE
MW-14	3/27/2008	20.1	FALSE
MW-14	9/30/2008	6.7	FALSE
MW-14	3/26/2009	ND<2.5 U	FALSE
MW-14	10/2/2009	5	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	ND<2.5 U	FALSE
MW-14	3/29/2011	ND<2.5 U	FALSE
MW-14	10/6/2011	ND<2.5 U	FALSE
MW-14	4/5/2012	ND<2.5 U	FALSE
MW-14	10/5/2012	ND<2.5 U	FALSE
MW-14	4/11/2013	ND<2.5 U	FALSE

MW-3	7/18/1994	ND<2.5 U	FALSE
MW-3	12/12/1994	ND<2.5 U	FALSE
MW-3	5/14/1997	14	FALSE
MW-3	11/20/1997	7 I	FALSE
MW-3	**4/14/1998**	**293**	**TRUE**
MW-3	4/29/1998	10 I	FALSE
MW-3	**11/9/1998**	**264**	**TRUE**
MW-3	11/17/1998	19 I	FALSE
MW-3	4/27/1999	84	FALSE
MW-3	5/7/1999	20 I	FALSE
MW-3	10/11/1999	ND<25 U	FALSE
MW-3	11/1/1999	66	FALSE
MW-3	11/6/1999	11 I	FALSE
MW-3	4/3/2000	34	FALSE
MW-3	4/12/2000	15 I	FALSE

MW-3	**11/3/2000**	**210**	**TRUE**
MW-3	11/6/2000	70	FALSE
MW-3	4/30/2001	53	FALSE
MW-3	5/3/2001	120	FALSE
MW-3	10/22/2001	94	FALSE
MW-3	10/25/2001	60	FALSE
MW-3	4/29/2002	100	FALSE
MW-3	5/2/2002	53	FALSE
MW-3	10/28/2002	54	FALSE
MW-3	10/31/2002	63	FALSE
MW-3	3/24/2003	62	FALSE
MW-3	4/3/2003	ND<2.5 U	FALSE
MW-3	9/29/2003	100	FALSE
MW-3	10/3/2003	12	FALSE
MW-3	3/30/2004	55	FALSE
MW-3	4/2/2004	11	FALSE
MW-3	9/27/2004	50	FALSE
MW-3	9/30/2004	ND<2.5 U	FALSE
MW-3	3/30/2005	12	FALSE
MW-3	**4/11/2005**	**190**	**TRUE**
MW-3	9/26/2005	120	FALSE
MW-3	**9/29/2005**	**15000**	**TRUE**
MW-3	9/29/2006	18	FALSE
MW-3	3/27/2007	28 J	FALSE
MW-3	3/30/2007	ND<25 U	FALSE
MW-3	9/26/2007	13.3	FALSE
MW-3	9/28/2007	23.5	FALSE
MW-3	3/26/2008	42.2	FALSE
MW-3	3/31/2008	14.1	FALSE
MW-3	9/23/2008	18.1	FALSE
MW-3	9/30/2008	20.8	FALSE
MW-3	3/26/2009	46.3	FALSE
MW-3	3/31/2009	9.8	FALSE
MW-3	10/1/2009	24.3	FALSE
MW-3	10/7/2009	14.1	FALSE
MW-3	3/29/2010	10.4	FALSE
MW-3	4/2/2010	41.1	FALSE
MW-3	9/28/2010	6.2	FALSE
MW-3	10/6/2010	25.6	FALSE
MW-3	3/25/2011	22	FALSE
MW-3	4/4/2011	8.4	FALSE
MW-3	10/5/2011	18.2	FALSE
MW-3	10/10/2011	10.7	FALSE
MW-3	4/4/2012	26.2	FALSE
MW-3	4/10/2012	17.2	FALSE
MW-3	10/3/2012	30.2	FALSE
MW-3	10/10/2012	12.3	FALSE
MW-3	4/1/2013	11.3	FALSE
MW-3	4/10/2013	24.9	FALSE

MW-4	7/18/1994	ND<2.5 U	FALSE
MW-4	12/14/1994	ND<2.5 U	FALSE
MW-4	5/13/1997	ND<2.5 U	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**126**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE

MW-4	11/9/1998	33	FALSE
MW-4	11/16/1998	12 I	FALSE
MW-4	4/26/1999	15 I	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<25 U	FALSE
MW-4	11/1/1999	13 I	FALSE
MW-4	11/6/1999	10 I	FALSE
MW-4	4/4/2000	20 I	FALSE
MW-4	4/12/2000	17 I	FALSE
MW-4	11/3/2000	34	FALSE
MW-4	11/6/2000	6.7	FALSE
MW-4	4/30/2001	6	FALSE
MW-4	5/3/2001	33	FALSE
MW-4	10/22/2001	21	FALSE
MW-4	10/25/2001	37	FALSE
MW-4	4/29/2002	18	FALSE
MW-4	5/2/2002	39	FALSE
MW-4	10/28/2002	8.5	FALSE
MW-4	10/31/2002	18	FALSE
MW-4	3/24/2003	5.5	FALSE
MW-4	4/3/2003	13	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE
MW-4	10/3/2003	24	FALSE
MW-4	3/29/2004	13	FALSE
MW-4	4/2/2004	26	FALSE
MW-4	9/27/2004	ND<2.5 U	FALSE
MW-4	9/30/2004	21	FALSE
MW-4	3/30/2005	33	FALSE
MW-4	4/11/2005	35	FALSE
MW-4	9/26/2005	9.4	FALSE
MW-4	**9/29/2005**	**41000**	**TRUE**
MW-4	9/29/2006	46	FALSE
MW-4	3/27/2007	2.5 J	FALSE
MW-4	3/29/2007	51	FALSE
MW-4	9/26/2007	49.6	FALSE
MW-4	9/28/2007	6.5	FALSE
MW-4	3/26/2008	5	FALSE
MW-4	3/31/2008	60.3	FALSE
MW-4	9/23/2008	55.6	FALSE
MW-4	9/29/2008	8.1	FALSE
MW-4	3/26/2009	ND<2.5 U	FALSE
MW-4	3/31/2009	55.9	FALSE
MW-4	10/2/2009	6.2	FALSE
MW-4	10/7/2009	72.5	FALSE
MW-4	3/30/2010	71.1	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	72.1	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	80.3	FALSE
MW-4	10/5/2011	ND<2.5 U	FALSE
MW-4	10/10/2011	86.9	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	84.2	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	10/10/2012	86.6	FALSE
MW-4	4/1/2013	92.9	FALSE

MW-4	4/10/2013	18.7	FALSE
MW-2	7/19/1994	ND<2.5 U	FALSE
MW-2	10/25/1994	ND<25 U	FALSE
MW-2	12/16/1994	ND<2.5 U	FALSE
MW-2	3/16/1995	ND<25 U	FALSE
MW-2	6/23/1995	ND<25 U	FALSE
MW-2	10/4/1995	ND<25 U	FALSE
MW-2	10/10/1996	ND<25 U	FALSE
MW-2	5/14/1997	ND<2.5 U	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	4/15/1998	49	FALSE
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	40	FALSE
MW-2	11/16/1998	5 I	FALSE
MW-2	4/27/1999	5 I	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	18 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	16 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	6.5	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	19	FALSE
MW-2	10/22/2001	61	FALSE
MW-2	10/24/2001	61	FALSE
MW-2	4/29/2002	92	FALSE
MW-2	5/2/2002	21	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	13	FALSE
MW-2	3/24/2003	6.7	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	32	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	21	FALSE
MW-2	4/2/2004	ND<2.5 U	FALSE
MW-2	9/27/2004	66	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	5.1	FALSE
MW-2	4/11/2005	97	FALSE
MW-2	9/26/2005	54	FALSE
MW-2	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	ND<25 U	FALSE
MW-2	3/30/2007	ND<25 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/28/2007	80.6	FALSE
MW-2	3/26/2008	ND<0.85 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	10.1	FALSE
MW-2	3/26/2009	40.9	FALSE
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	10/1/2009	84.8	FALSE
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE

MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	7.5	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	6	FALSE
MW-11	4/29/2002	120	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	21	FALSE
MW-11	9/29/2003	20	FALSE
MW-11	3/30/2004	48	FALSE
MW-11	9/27/2004	19	FALSE
MW-11	4/12/2005	32	FALSE
MW-11	9/26/2005	35	FALSE
MW-11	3/27/2007	23 J	FALSE
MW-11	9/27/2007	80.3	FALSE
MW-11	3/27/2008	59.8	FALSE
MW-11	9/30/2008	26.8	FALSE
MW-11	3/26/2009	48.6	FALSE
MW-11	10/5/2009	31.6	FALSE
MW-11	4/6/2010	10	FALSE
MW-11	10/8/2010	8.3	FALSE
MW-11	3/29/2011	15.7	FALSE
MW-11	10/5/2011	7.9	FALSE
MW-11	4/6/2012	9.2	FALSE
MW-11	10/5/2012	12.8	FALSE
MW-11	4/9/2013	5.3	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	48	FALSE
MW-12	9/30/2003	9.1	FALSE
MW-12	3/30/2004	5	FALSE
MW-12	9/27/2004	23	FALSE
MW-12	4/11/2005	21	FALSE
MW-12	9/27/2005	22	FALSE
MW-12	3/27/2007	5.9 J	FALSE
MW-12	9/28/2007	61.6	FALSE
MW-12	3/27/2008	11.7	FALSE
MW-12	9/30/2008	10.7	FALSE
MW-12	3/26/2009	21.1	FALSE
MW-12	10/2/2009	14.6	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	13.1	FALSE
MW-12	3/29/2011	7.3	FALSE
MW-12	10/6/2011	12.7	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE

MW-12	4/11/2013	5.8	FALSE
MW-13	9/27/2005	ND<2.5 U	FALSE
MW-13	3/27/2007	ND<25 U	FALSE
MW-13	9/28/2007	2.4 J	FALSE
MW-13	3/27/2008	ND<0.85 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	12	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	9	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13	10/4/2012	ND<2.5 U	FALSE
MW-13	4/9/2013	7.2	FALSE

Two-Sample Test of Proportions

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 552
Comparison Level = 100

1 background measurements exceed 100
19 compliance measurements exceed 100

p background = 0.0344828 = 1 / 29
p compliance = 0.0344203 = 19 / 552
p total = 0.0344234 = 20 / 581

nPs = 19
mPb = 1 < 5.0
n(1-Ps) = 533
m(1-Pb = 28

Zp = -0.00179855 = -6.24688e-005 / 0.0347328
Z critical = 1.64485 at 95% confidence level

-0.00179855 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 100

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 54.0448%
Background measurements (n) = 29
Maximum Background Concentration = 131
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

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

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

MW-8	7/14/1994	ND<20 U	FALSE
MW-8	12/15/1994	ND<20 U	FALSE
MW-8	5/12/1997	21	FALSE
MW-8	11/19/1997	15 I	FALSE
MW-8	4/17/1998	23	FALSE
MW-8	4/28/1998	11 I	FALSE
MW-8	11/10/1998	81	FALSE
MW-8	11/11/1998	36	FALSE
MW-8	4/26/1999	12 I	FALSE
MW-8	5/5/1999	ND<2.5 U	FALSE
MW-8	10/11/1999	ND<20 U	FALSE
MW-8	11/1/1999	8 I	FALSE
MW-8	11/6/1999	20 I	FALSE

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

MW-5	7/15/1994	ND<20 U	FALSE
MW-5	10/21/1994	ND<20 U	FALSE
MW-5	12/14/1994	ND<20 U	FALSE
MW-5	3/16/1995	ND<20 U	FALSE
MW-5	6/22/1995	ND<20 U	FALSE
MW-5	10/4/1995	ND<20 U	FALSE
MW-5	5/13/1997	ND<2.5 U	FALSE
MW-5	11/20/1997	ND<2.5 U	FALSE
MW-5	**4/13/1998**	**198**	**TRUE**
MW-5	4/29/1998	ND<2.5 U	FALSE
MW-5	11/11/1998	116	FALSE
MW-5	11/16/1998	ND<2.5 U	FALSE
MW-5	4/26/1999	50	FALSE
MW-5	5/6/1999	ND<2.5 U	FALSE
MW-5	10/11/1999	ND<20 U	FALSE
MW-5	11/2/1999	50	FALSE
MW-5	11/6/1999	ND<2.5 U	FALSE
MW-5	4/3/2000	52	FALSE

MW-5	4/12/2000	ND<2.5 U	FALSE
MW-5	11/1/2000	ND<2.5 U	FALSE
MW-5	11/6/2000	55	FALSE
MW-5	4/30/2001	51	FALSE
MW-5	5/3/2001	17	FALSE
MW-5	10/22/2001	38	FALSE
MW-5	10/24/2001	12	FALSE
MW-5	4/29/2002	130	FALSE
MW-5	5/1/2002	12	FALSE
MW-5	10/28/2002	13	FALSE
MW-5	10/31/2002	ND<2.5 U	FALSE
MW-5	3/24/2003	38	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	28	FALSE
MW-5	10/3/2003	ND<2.5 U	FALSE
MW-5	3/30/2004	15	FALSE
MW-5	4/2/2004	ND<2.5 U	FALSE
MW-5	9/27/2004	25	FALSE
MW-5	9/30/2004	ND<2.5 U	FALSE
MW-5	3/30/2005	ND<2.5 U	FALSE
MW-5	4/12/2005	13	FALSE
MW-5	9/26/2005	26	FALSE
MW-5	**9/29/2005**	**ND<2500 U**	**TRUE**
MW-5	9/29/2006	ND<2.5 U	FALSE
MW-5	3/27/2007	7.8 J	FALSE
MW-5	3/29/2007	ND<12.5 U	FALSE
MW-5	9/26/2007	ND<2.5 U	FALSE
MW-5	9/27/2007	8.3	FALSE
MW-5	3/26/2008	13.7	FALSE
MW-5	3/31/2008	ND<0.1 U	FALSE
MW-5	9/23/2008	ND<2.5 U	FALSE
MW-5	9/30/2008	8.8	FALSE
MW-5	3/26/2009	20.7	FALSE
MW-5	3/30/2009	ND<2.5 U	FALSE
MW-5	10/2/2009	24.2	FALSE
MW-5	10/7/2009	ND<2.5 U	FALSE
MW-5	3/30/2010	ND<2.5 U	FALSE
MW-5	4/2/2010	ND<2.5 U	FALSE
MW-5	9/28/2010	ND<2.5 U	FALSE
MW-5	10/6/2010	ND<2.5 U	FALSE
MW-5	3/25/2011	6.4	FALSE
MW-5	4/4/2011	ND<2.5 U	FALSE
MW-5	10/5/2011	ND<2.5 U	FALSE
MW-5	10/10/2011	ND<2.5 U	FALSE
MW-5	4/5/2012	ND<2.5 U	FALSE
MW-5	4/10/2012	ND<2.5 U	FALSE
MW-5	10/3/2012	ND<2.5 U	FALSE
MW-5	10/10/2012	ND<2.5 U	FALSE
MW-5	4/1/2013	ND<2.5 U	FALSE
MW-5	4/11/2013	5.1	FALSE

MW-6	7/15/1994	ND<20 U	FALSE
MW-6	10/21/1994	ND<20 U	FALSE
MW-6	12/14/1994	ND<20 U	FALSE
MW-6	3/16/1995	ND<20 U	FALSE
MW-6	6/22/1995	ND<20 U	FALSE

MW-6	10/4/1995	ND<20 U	FALSE
MW-6	5/7/1997	ND<2.5 U	FALSE
MW-6	11/20/1997	ND<2.5 U	FALSE
MW-6	4/13/1998	74	FALSE
MW-6	4/28/1998	ND<2.5 U	FALSE
MW-6	11/11/1998	86	FALSE
MW-6	11/16/1998	ND<2.5 U	FALSE
MW-6	4/26/1999	35	FALSE
MW-6	5/5/1999	ND<2.5 U	FALSE
MW-6	10/11/1999	ND<20 U	FALSE
MW-6	11/2/1999	30	FALSE
MW-6	11/5/1999	ND<2.5 U	FALSE
MW-6	4/3/2000	8 I	FALSE
MW-6	4/12/2000	ND<2.5 U	FALSE
MW-6	11/2/2000	ND<2.5 U	FALSE
MW-6	11/6/2000	49	FALSE
MW-6	4/30/2001	15	FALSE
MW-6	5/3/2001	12	FALSE
MW-6	**10/22/2001**	**550**	**TRUE**
MW-6	10/24/2001	8.7	FALSE
MW-6	**4/29/2002**	**350**	**TRUE**
MW-6	5/2/2002	12	FALSE
MW-6	10/28/2002	ND<2.5 U	FALSE
MW-6	10/31/2002	ND<2.5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	**9/29/2003**	**380**	**TRUE**
MW-6	10/2/2003	ND<2.5 U	FALSE
MW-6	3/30/2004	ND<2.5 U	FALSE
MW-6	4/2/2004	ND<2.5 U	FALSE
MW-6	9/27/2004	49	FALSE
MW-6	9/29/2004	ND<2.5 U	FALSE
MW-6	3/30/2005	ND<2.5 U	FALSE
MW-6	**4/12/2005**	**430**	**TRUE**
MW-6	9/26/2005	29	FALSE
MW-6	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-6	9/29/2006	ND<2.5 U	FALSE
MW-6	3/27/2007	2.2 J	FALSE
MW-6	3/29/2007	ND<12.5 U	FALSE
MW-6	9/27/2007	ND<2.5 U	FALSE
MW-6	3/26/2008	48.1	FALSE
MW-6	4/1/2008	ND<0.1 U	FALSE
MW-6	9/23/2008	ND<2.5 U	FALSE
MW-6	9/30/2008	6.1	FALSE
MW-6	3/26/2009	8.2	FALSE
MW-6	3/31/2009	ND<2.5 U	FALSE
MW-6	10/2/2009	ND<2.5 U	FALSE
MW-6	10/7/2009	ND<2.5 U	FALSE
MW-6	3/30/2010	ND<2.5 U	FALSE
MW-6	4/2/2010	38.3	FALSE
MW-6	10/6/2010	ND<2.5 U	FALSE
MW-6	10/22/2010	ND<2.5 U	FALSE
MW-6	3/25/2011	ND<2.5 U	FALSE
MW-6	4/7/2011	ND<2.5 U	FALSE
MW-6	10/5/2011	ND<2.5 U	FALSE
MW-6	10/11/2011	ND<2.5 U	FALSE
MW-6	4/4/2012	ND<2.5 U	FALSE

MW-6	4/10/2012	ND<2.5 U	FALSE
MW-6	10/3/2012	ND<2.5 U	FALSE
MW-6	10/11/2012	ND<2.5 U	FALSE
MW-6	4/1/2013	ND<2.5 U	FALSE
MW-6	4/9/2013	ND<1.25 U	FALSE

MW-14	7/18/1994	ND<20 U	FALSE
MW-14	12/14/1994	ND<20 U	FALSE
MW-14	5/12/1997	ND<2.5 U	FALSE
MW-14	11/18/1997	ND<2.5 U	FALSE
MW-14	4/28/1998	ND<2.5 U	FALSE
MW-14	11/12/1998	ND<2.5 U	FALSE
MW-14	5/5/1999	ND<2.5 U	FALSE
MW-14	10/11/1999	ND<20 U	FALSE
MW-14	11/3/1999	ND<2.5 U	FALSE
MW-14	4/6/2000	ND<2.5 U	FALSE
MW-14	11/2/2000	ND<2.5 U	FALSE
MW-14	5/2/2001	ND<2.5 U	FALSE
MW-14	10/24/2001	ND<2.5 U	FALSE
MW-14	4/30/2002	ND<2.5 U	FALSE
MW-14	10/31/2002	ND<2.5 U	FALSE
MW-14	3/28/2003	ND<2.5 U	FALSE
MW-14	10/1/2003	ND<2.5 U	FALSE
MW-14	3/31/2004	ND<2.5 U	FALSE
MW-14	9/29/2004	ND<2.5 U	FALSE
MW-14	3/25/2005	ND<2.5 U	FALSE
MW-14	3/27/2007	17 J	FALSE
MW-14	9/28/2007	111	FALSE
MW-14	3/27/2008	56.1	FALSE
MW-14	9/30/2008	20.4	FALSE
MW-14	3/26/2009	10.6	FALSE
MW-14	10/2/2009	10	FALSE
MW-14	4/6/2010	ND<2.5 U	FALSE
MW-14	10/7/2010	10.1	FALSE
MW-14	3/29/2011	11.3	FALSE
MW-14	10/6/2011	9.1	FALSE
MW-14	4/5/2012	10.3	FALSE
MW-14	10/5/2012	9.3	FALSE
MW-14	4/11/2013	6.3	FALSE

MW-3	7/18/1994	ND<20 U	FALSE
MW-3	12/12/1994	ND<20 U	FALSE
MW-3	5/14/1997	ND<2.5 U	FALSE
MW-3	11/20/1997	ND<2.5 U	FALSE
MW-3	**4/14/1998**	**783**	**TRUE**
MW-3	4/29/1998	ND<2.5 U	FALSE
MW-3	**11/9/1998**	**600**	**TRUE**
MW-3	11/17/1998	ND<2.5 U	FALSE
MW-3	**4/27/1999**	**132**	**TRUE**
MW-3	5/7/1999	ND<2.5 U	FALSE
MW-3	10/11/1999	ND<20 U	FALSE
MW-3	11/1/1999	75	FALSE
MW-3	11/6/1999	ND<2.5 U	FALSE
MW-3	4/3/2000	6 I	FALSE
MW-3	4/12/2000	ND<2.5 U	FALSE

MW-3	11/3/2000	18	FALSE
MW-3	11/6/2000	35	FALSE
MW-3	4/30/2001	22	FALSE
MW-3	5/3/2001	55	FALSE
MW-3	10/22/2001	97	FALSE
MW-3	10/25/2001	42	FALSE
MW-3	**4/29/2002**	**140**	**TRUE**
MW-3	5/2/2002	33	FALSE
MW-3	10/28/2002	36	FALSE
MW-3	10/31/2002	13	FALSE
MW-3	3/24/2003	66	FALSE
MW-3	4/3/2003	5.1	FALSE
MW-3	9/29/2003	94	FALSE
MW-3	10/3/2003	ND<2.5 U	FALSE
MW-3	3/30/2004	22	FALSE
MW-3	4/2/2004	ND<2.5 U	FALSE
MW-3	9/27/2004	37	FALSE
MW-3	9/30/2004	ND<2.5 U	FALSE
MW-3	3/30/2005	ND<2.5 U	FALSE
MW-3	**4/11/2005**	**540**	**TRUE**
MW-3	9/26/2005	100	FALSE
MW-3	**9/29/2005**	**ND<2500 U**	**TRUE**
MW-3	9/29/2006	ND<2.5 U	FALSE
MW-3	3/27/2007	22 J	FALSE
MW-3	3/30/2007	ND<12.5 U	FALSE
MW-3	9/26/2007	0.36 J	FALSE
MW-3	9/28/2007	22.5	FALSE
MW-3	3/26/2008	90.4	FALSE
MW-3	3/31/2008	ND<0.1 U	FALSE
MW-3	9/23/2008	ND<2.5 U	FALSE
MW-3	9/30/2008	15.6	FALSE
MW-3	3/26/2009	93	FALSE
MW-3	3/31/2009	ND<2.5 U	FALSE
MW-3	10/1/2009	18.4	FALSE
MW-3	10/7/2009	ND<2.5 U	FALSE
MW-3	3/29/2010	ND<2.5 U	FALSE
MW-3	4/2/2010	12.4	FALSE
MW-3	9/28/2010	ND<2.5 U	FALSE
MW-3	10/6/2010	17.2	FALSE
MW-3	3/25/2011	9.8	FALSE
MW-3	4/4/2011	ND<2.5 U	FALSE
MW-3	10/5/2011	6.1	FALSE
MW-3	10/10/2011	ND<2.5 U	FALSE
MW-3	4/4/2012	12.8	FALSE
MW-3	4/10/2012	ND<2.5 U	FALSE
MW-3	10/3/2012	10.3	FALSE
MW-3	10/10/2012	ND<2.5 U	FALSE
MW-3	4/1/2013	ND<2.5 U	FALSE
MW-3	4/10/2013	ND<1.25 U	FALSE

MW-4	7/18/1994	ND<20 U	FALSE
MW-4	12/14/1994	ND<20 U	FALSE
MW-4	5/13/1997	ND<2.5 U	FALSE
MW-4	11/20/1997	ND<2.5 U	FALSE
MW-4	**4/15/1998**	**342**	**TRUE**
MW-4	4/29/1998	ND<2.5 U	FALSE

MW-4	11/9/1998	55	FALSE
MW-4	11/16/1998	ND<2.5 U	FALSE
MW-4	4/26/1999	22	FALSE
MW-4	5/6/1999	ND<2.5 U	FALSE
MW-4	10/11/1999	ND<20 U	FALSE
MW-4	11/1/1999	11 I	FALSE
MW-4	11/6/1999	ND<2.5 U	FALSE
MW-4	4/4/2000	56	FALSE
MW-4	4/12/2000	ND<2.5 U	FALSE
MW-4	11/3/2000	10	FALSE
MW-4	11/6/2000	ND<2.5 U	FALSE
MW-4	4/30/2001	ND<2.5 U	FALSE
MW-4	5/3/2001	14	FALSE
MW-4	10/22/2001	23	FALSE
MW-4	10/25/2001	16	FALSE
MW-4	4/29/2002	24	FALSE
MW-4	5/2/2002	19	FALSE
MW-4	10/28/2002	ND<2.5 U	FALSE
MW-4	10/31/2002	ND<2.5 U	FALSE
MW-4	3/24/2003	19	FALSE
MW-4	4/3/2003	ND<2.5 U	FALSE
MW-4	9/30/2003	ND<2.5 U	FALSE
MW-4	10/3/2003	ND<2.5 U	FALSE
MW-4	3/29/2004	38	FALSE
MW-4	4/2/2004	ND<2.5 U	FALSE
MW-4	9/27/2004	5.1	FALSE
MW-4	9/30/2004	ND<2.5 U	FALSE
MW-4	3/30/2005	ND<2.5 U	FALSE
MW-4	4/11/2005	110	FALSE
MW-4	9/26/2005	31	FALSE
MW-4	**9/29/2005**	**ND<2500 U**	**TRUE**
MW-4	9/29/2006	ND<2.5 U	FALSE
MW-4	3/27/2007	4.3 J	FALSE
MW-4	3/29/2007	ND<12.5 U	FALSE
MW-4	9/26/2007	ND<2.5 U	FALSE
MW-4	9/28/2007	4.5 J	FALSE
MW-4	3/26/2008	10.5	FALSE
MW-4	3/31/2008	ND<0.1 U	FALSE
MW-4	9/23/2008	ND<2.5 U	FALSE
MW-4	9/29/2008	7	FALSE
MW-4	3/26/2009	6.8	FALSE
MW-4	3/31/2009	ND<2.5 U	FALSE
MW-4	10/2/2009	6.5	FALSE
MW-4	10/7/2009	ND<2.5 U	FALSE
MW-4	3/30/2010	ND<2.5 U	FALSE
MW-4	4/6/2010	ND<2.5 U	FALSE
MW-4	9/28/2010	ND<2.5 U	FALSE
MW-4	10/7/2010	ND<2.5 U	FALSE
MW-4	3/29/2011	ND<2.5 U	FALSE
MW-4	4/4/2011	ND<2.5 U	FALSE
MW-4	10/5/2011	7.2	FALSE
MW-4	10/10/2011	ND<2.5 U	FALSE
MW-4	4/5/2012	ND<2.5 U	FALSE
MW-4	4/10/2012	ND<2.5 U	FALSE
MW-4	10/4/2012	ND<2.5 U	FALSE
MW-4	10/10/2012	ND<2.5 U	FALSE
MW-4	4/1/2013	ND<2.5 U	FALSE

MW-4	4/10/2013	67.7	FALSE

MW-2	7/19/1994	ND<20 U	FALSE
MW-2	10/25/1994	ND<20 U	FALSE
MW-2	12/16/1994	ND<20 U	FALSE
MW-2	3/16/1995	ND<20 U	FALSE
MW-2	6/23/1995	ND<20 U	FALSE
MW-2	10/4/1995	ND<20 U	FALSE
MW-2	10/10/1996	ND<20 U	FALSE
MW-2	5/14/1997	ND<2.5 U	FALSE
MW-2	11/17/1997	ND<2.5 U	FALSE
MW-2	4/15/1998	47	FALSE
MW-2	4/28/1998	ND<2.5 U	FALSE
MW-2	11/11/1998	36	FALSE
MW-2	11/16/1998	ND<2.5 U	FALSE
MW-2	4/27/1999	ND<2.5 U	FALSE
MW-2	5/6/1999	ND<2.5 U	FALSE
MW-2	11/2/1999	16 I	FALSE
MW-2	11/6/1999	ND<2.5 U	FALSE
MW-2	4/4/2000	14 I	FALSE
MW-2	4/12/2000	ND<2.5 U	FALSE
MW-2	11/2/2000	ND<2.5 U	FALSE
MW-2	11/6/2000	7.8	FALSE
MW-2	4/30/2001	ND<2.5 U	FALSE
MW-2	5/2/2001	12	FALSE
MW-2	10/22/2001	77	FALSE
MW-2	10/24/2001	32	FALSE
MW-2	4/29/2002	87	FALSE
MW-2	5/2/2002	21	FALSE
MW-2	10/28/2002	ND<2.5 U	FALSE
MW-2	10/30/2002	7	FALSE
MW-2	3/24/2003	6.8	FALSE
MW-2	3/26/2003	ND<2.5 U	FALSE
MW-2	9/29/2003	30	FALSE
MW-2	10/6/2003	ND<2.5 U	FALSE
MW-2	3/29/2004	23	FALSE
MW-2	4/2/2004	ND<2.5 U	FALSE
MW-2	9/27/2004	74	FALSE
MW-2	10/6/2004	ND<2.5 U	FALSE
MW-2	3/30/2005	ND<2.5 U	FALSE
MW-2	4/11/2005	98	FALSE
MW-2	9/26/2005	59	FALSE
MW-2	**9/30/2005**	**ND<2500 U**	**TRUE**
MW-2	9/29/2006	ND<2.5 U	FALSE
MW-2	3/27/2007	1.4 J	FALSE
MW-2	3/30/2007	ND<12.5 U	FALSE
MW-2	9/27/2007	ND<2.5 U	FALSE
MW-2	9/28/2007	76.1	FALSE
MW-2	3/26/2008	ND<0.1 U	FALSE
MW-2	9/23/2008	ND<2.5 U	FALSE
MW-2	9/29/2008	11.8	FALSE
MW-2	3/26/2009	37.8	FALSE
MW-2	3/31/2009	ND<2.5 U	FALSE
MW-2	10/1/2009	96.8	FALSE
MW-2	10/7/2009	ND<2.5 U	FALSE
MW-2	3/29/2010	ND<2.5 U	FALSE

MW-2	4/6/2010	ND<2.5 U	FALSE
MW-2	9/27/2010	ND<2.5 U	FALSE
MW-2	10/8/2010	ND<2.5 U	FALSE
MW-2	3/25/2011	ND<2.5 U	FALSE
MW-2	4/5/2011	ND<2.5 U	FALSE
MW-2	10/5/2011	12.5	FALSE
MW-2	10/10/2011	ND<2.5 U	FALSE
MW-2	4/4/2012	ND<2.5 U	FALSE
MW-2	4/10/2012	ND<2.5 U	FALSE
MW-2	10/5/2012	ND<2.5 U	FALSE
MW-2	10/11/2012	ND<2.5 U	FALSE
MW-2	4/1/2013	ND<2.5 U	FALSE
MW-2	4/10/2013	7.1	FALSE
MW-11	4/29/2002	130	FALSE
MW-11	10/29/2002	ND<2.5 U	FALSE
MW-11	3/25/2003	7.7	FALSE
MW-11	9/29/2003	7.9	FALSE
MW-11	3/30/2004	19	FALSE
MW-11	9/27/2004	ND<2.5 U	FALSE
MW-11	4/12/2005	ND<2.5 U	FALSE
MW-11	9/26/2005	6.1	FALSE
MW-11	3/27/2007	2 J	FALSE
MW-11	9/27/2007	58.6	FALSE
MW-11	3/27/2008	ND<0.1 U	FALSE
MW-11	9/30/2008	ND<2.5 U	FALSE
MW-11	3/26/2009	ND<2.5 U	FALSE
MW-11	10/5/2009	ND<2.5 U	FALSE
MW-11	4/6/2010	ND<2.5 U	FALSE
MW-11	10/8/2010	ND<2.5 U	FALSE
MW-11	3/29/2011	ND<2.5 U	FALSE
MW-11	10/5/2011	ND<2.5 U	FALSE
MW-11	4/6/2012	ND<2.5 U	FALSE
MW-11	10/5/2012	ND<2.5 U	FALSE
MW-11	4/9/2013	ND<1.25 U	FALSE
MW-12	10/28/2002	ND<2.5 U	FALSE
MW-12	3/25/2003	45	FALSE
MW-12	9/30/2003	13	FALSE
MW-12	3/30/2004	ND<2.5 U	FALSE
MW-12	9/27/2004	24	FALSE
MW-12	4/11/2005	26	FALSE
MW-12	9/27/2005	9.2	FALSE
MW-12	3/27/2007	2.4 J	FALSE
MW-12	9/28/2007	91.9	FALSE
MW-12	3/27/2008	ND<0.1 U	FALSE
MW-12	9/30/2008	ND<2.5 U	FALSE
MW-12	3/26/2009	22.2	FALSE
MW-12	10/2/2009	10.9	FALSE
MW-12	4/6/2010	ND<2.5 U	FALSE
MW-12	10/7/2010	11.1	FALSE
MW-12	3/29/2011	ND<2.5 U	FALSE
MW-12	10/6/2011	ND<2.5 U	FALSE
MW-12	4/5/2012	ND<2.5 U	FALSE
MW-12	10/5/2012	ND<2.5 U	FALSE

MW-12	4/11/2013	ND<2.5 U	FALSE
MW-13	9/27/2005	ND<2.5 U	FALSE
MW-13	3/27/2007	ND<12.5 U	FALSE
MW-13	9/28/2007	0.7 J	FALSE
MW-13	3/27/2008	ND<0.1 U	FALSE
MW-13	9/29/2008	ND<2.5 U	FALSE
MW-13	3/26/2009	ND<2.5 U	FALSE
MW-13	10/2/2009	ND<2.5 U	FALSE
MW-13	4/2/2010	ND<2.5 U	FALSE
MW-13	10/7/2010	ND<2.5 U	FALSE
MW-13	3/25/2011	ND<2.5 U	FALSE
MW-13	10/6/2011	ND<2.5 U	FALSE
MW-13	4/5/2012	ND<2.5 U	FALSE
MW-13	10/4/2012	ND<2.5 U	FALSE
MW-13	4/9/2013	ND<1.25 U	FALSE

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 552
Comparison Level = 0.3

29 background measurements exceed 0.3
544 compliance measurements exceed 0.3

p background = 1 = 29 / 29
p compliance = 0.985507 = 544 / 552
p total = 0.986231 = 573 / 581

nPs = 544
mPb = 29
n(1-Ps) = 8
m(1-Pb = 0 < 5.0

Zp = -0.652808 = -0.0144928 / 0.0222007
Z critical = 1.64485 at 95% confidence level

-0.652808 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 0.3

Non-Parametric Tolerance Interval

Parameter: Vinyl chloride

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

Total Percent Non-Detects = 86.4348%
Background measurements (n) = 27
Maximum Background Concentration = 5
Minimum Coverage = 89.5%
Average Coverage = 96.4286%

Location	Date	Value	Significant
MW-3	4/16/1992	ND<5 U	FALSE
MW-3	5/4/1992	ND<1 U	FALSE
MW-3	9/21/1992	ND<5 U	FALSE
MW-3	4/9/1993	ND<5 U	FALSE
MW-3	7/18/1994	ND<5 U	FALSE
MW-3	12/12/1994	ND<5 U	FALSE
MW-3	10/15/1996	ND<5 U	FALSE
MW-3	**5/14/1997**	**8 Q**	**TRUE**
MW-3	**11/20/1997**	**13**	**TRUE**
MW-3	4/14/1998	ND<0.5 U	FALSE
MW-3	**4/29/1998**	**16**	**TRUE**
MW-3	11/9/1998	ND<0.5 U	FALSE
MW-3	**11/17/1998**	**19**	**TRUE**
MW-3	4/27/1999	ND<0.5 U	FALSE
MW-3	**5/7/1999**	**14**	**TRUE**
MW-3	11/1/1999	ND<0.5 U	FALSE
MW-3	**11/6/1999**	**14**	**TRUE**
MW-3	4/3/2000	ND<0.5 U	FALSE
MW-3	**4/12/2000**	**24**	**TRUE**
MW-3	**11/3/2000**	**12**	**TRUE**
MW-3	11/6/2000	ND<5 U	FALSE
MW-3	5/3/2001	ND<5 U	FALSE
MW-3	10/22/2001	ND<1 U	FALSE
MW-3	**10/25/2001**	**11.7**	**TRUE**
MW-3	4/29/2002	ND<0.5 U	FALSE
MW-3	**5/2/2002**	**6.8**	**TRUE**
MW-3	**10/31/2002**	**13**	**TRUE**
MW-3	3/24/2003	ND<2.5 U	FALSE
MW-3	4/3/2003	ND<2.5 U	FALSE
MW-3	9/29/2003	ND<0.5 U	FALSE
MW-3	10/3/2003	ND<0.5 U	FALSE
MW-3	3/30/2004	ND<0.5 U	FALSE
MW-3	4/2/2004	ND<0.5 U	FALSE
MW-3	9/27/2004	ND<0.5 U	FALSE
MW-3	**9/30/2004**	**6.8**	**TRUE**
MW-3	3/30/2005	ND<0.5 U	FALSE
MW-3	4/11/2005	ND<0.5 U	FALSE
MW-3	9/26/2005	ND<0.5 U	FALSE
MW-3	**9/29/2005**	**6.5**	**TRUE**
MW-3	**9/29/2006**	**5.3**	**TRUE**
MW-3	3/27/2007	ND<0.5 U	FALSE
MW-3	3/30/2007	4.6	FALSE
MW-3	**9/26/2007**	**5.6**	**TRUE**
MW-3	9/28/2007	ND<0.5 U	FALSE

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

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

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

MW-4	5/4/1992	ND<1 U	FALSE
MW-4	9/21/1992	ND<5 U	FALSE
MW-4	7/18/1994	ND<5 U	FALSE
MW-4	12/14/1994	ND<5 U	FALSE
MW-4	10/15/1996	ND<5 U	FALSE
MW-4	5/13/1997	ND<0.5 U	FALSE
MW-4	11/20/1997	ND<0.5 U	FALSE
MW-4	4/15/1998	ND<0.5 U	FALSE
MW-4	4/29/1998	ND<0.5 U	FALSE
MW-4	11/9/1998	ND<0.5 U	FALSE
MW-4	11/16/1998	ND<0.5 U	FALSE
MW-4	4/26/1999	ND<0.5 U	FALSE
MW-4	5/6/1999	ND<0.5 U	FALSE
MW-4	11/1/1999	ND<0.5 U	FALSE
MW-4	11/6/1999	ND<0.5 U	FALSE
MW-4	4/4/2000	ND<0.5 U	FALSE
MW-4	4/12/2000	ND<0.5 U	FALSE
MW-4	11/3/2000	ND<5 U	FALSE
MW-4	11/6/2000	ND<5 U	FALSE
MW-4	5/3/2001	ND<5 U	FALSE

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

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

MW-5	4/13/1998	ND<0.5 U	FALSE
MW-5	4/29/1998	4 I	FALSE
MW-5	11/11/1998	ND<0.5 U	FALSE
MW-5	11/16/1998	5	FALSE
MW-5	4/26/1999	ND<0.5 U	FALSE
MW-5	5/6/1999	4 I	FALSE
MW-5	11/2/1999	ND<0.5 U	FALSE
MW-5	11/6/1999	ND<0.5 U	FALSE
MW-5	4/3/2000	ND<0.5 U	FALSE
MW-5	**4/12/2000**	**6**	**TRUE**
MW-5	11/1/2000	ND<5 U	FALSE
MW-5	11/6/2000	ND<5 U	FALSE
MW-5	5/3/2001	ND<5 U	FALSE
MW-5	10/22/2001	ND<1 U	FALSE
MW-5	10/24/2001	ND<1 U	FALSE
MW-5	4/29/2002	ND<0.5 U	FALSE
MW-5	5/1/2002	ND<0.5 U	FALSE
MW-5	12/3/2002	ND<5 U	FALSE
MW-5	3/24/2003	ND<2.5 U	FALSE
MW-5	4/3/2003	ND<2.5 U	FALSE
MW-5	9/29/2003	ND<0.5 U	FALSE
MW-5	10/3/2003	ND<5 U	FALSE
MW-5	3/30/2004	ND<0.5 U	FALSE
MW-5	4/2/2004	ND<0.5 U	FALSE
MW-5	9/27/2004	ND<0.5 U	FALSE
MW-5	9/30/2004	ND<5 U	FALSE
MW-5	3/30/2005	ND<0.5 U	FALSE
MW-5	4/12/2005	ND<0.5 U	FALSE
MW-5	9/26/2005	ND<0.5 U	FALSE
MW-5	9/29/2005	ND<0.5 U	FALSE
MW-5	9/29/2006	2.2	FALSE
MW-5	3/27/2007	ND<0.5 U	FALSE
MW-5	3/29/2007	1.8	FALSE
MW-5	9/26/2007	1.4	FALSE
MW-5	9/27/2007	ND<0.5 U	FALSE
MW-5	3/26/2008	ND<0.31 U	FALSE
MW-5	3/31/2008	1.7	FALSE
MW-5	9/23/2008	1.5	FALSE
MW-5	9/30/2008	ND<0.5 U	FALSE
MW-5	3/26/2009	ND<0.5 U	FALSE
MW-5	3/30/2009	1.6	FALSE
MW-5	10/2/2009	ND<0.5 U	FALSE
MW-5	10/7/2009	ND<0.5 U	FALSE
MW-5	3/30/2010	1.1	FALSE
MW-5	4/2/2010	ND<0.5 U	FALSE
MW-5	9/28/2010	1.4	FALSE
MW-5	10/6/2010	ND<0.5 U	FALSE
MW-5	3/25/2011	ND<0.5 U	FALSE
MW-5	4/4/2011	1	FALSE
MW-5	10/5/2011	ND<0.5 U	FALSE
MW-5	10/10/2011	1.2	FALSE
MW-5	4/5/2012	ND<0.5 U	FALSE
MW-5	4/10/2012	1.3	FALSE
MW-5	10/3/2012	ND<0.5 U	FALSE
MW-5	10/10/2012	ND<0.5 U	FALSE
MW-5	4/1/2013	ND<0.31 U	FALSE
MW-5	4/11/2013	ND<0.31 U	FALSE

MW-6	5/4/1992	ND<1 U	FALSE
MW-6	9/21/1992	ND<5 U	FALSE
MW-6	7/15/1994	ND<5 U	FALSE
MW-6	10/21/1994	ND<5 U	FALSE
MW-6	12/14/1994	ND<5 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	**6/22/1995**	**12**	**TRUE**
MW-6	10/4/1995	ND<5 U	FALSE
MW-6	10/15/1996	ND<5 U	FALSE
MW-6	**11/20/1997**	**6**	**TRUE**
MW-6	4/13/1998	ND<0.5 U	FALSE
MW-6	4/28/1998	5	FALSE
MW-6	11/11/1998	ND<0.5 U	FALSE
MW-6	**11/16/1998**	**6**	**TRUE**
MW-6	4/26/1999	ND<0.5 U	FALSE
MW-6	5/5/1999	4 I	FALSE
MW-6	11/2/1999	ND<0.5 U	FALSE
MW-6	11/5/1999	5	FALSE
MW-6	4/3/2000	ND<0.5 U	FALSE
MW-6	4/12/2000	5	FALSE
MW-6	11/2/2000	ND<5 U	FALSE
MW-6	11/6/2000	ND<5 U	FALSE
MW-6	5/3/2001	ND<5 U	FALSE
MW-6	10/22/2001	ND<1 U	FALSE
MW-6	10/24/2001	ND<1 U	FALSE
MW-6	4/29/2002	ND<0.5 U	FALSE
MW-6	5/2/2002	ND<0.5 U	FALSE
MW-6	12/3/2002	ND<5 U	FALSE
MW-6	3/25/2003	ND<2.5 U	FALSE
MW-6	4/25/2003	ND<2.5 U	FALSE
MW-6	9/29/2003	ND<0.5 U	FALSE
MW-6	10/2/2003	ND<5 U	FALSE
MW-6	3/30/2004	ND<0.5 U	FALSE
MW-6	4/2/2004	ND<0.5 U	FALSE
MW-6	9/27/2004	ND<0.5 U	FALSE
MW-6	9/29/2004	ND<5 U	FALSE
MW-6	3/30/2005	ND<0.5 U	FALSE
MW-6	4/12/2005	ND<0.5 U	FALSE
MW-6	9/26/2005	ND<0.5 U	FALSE
MW-6	9/30/2005	2.2	FALSE
MW-6	9/29/2006	2	FALSE
MW-6	3/27/2007	ND<0.5 U	FALSE
MW-6	3/29/2007	1.5	FALSE
MW-6	9/27/2007	ND<0.5 U	FALSE
MW-6	3/26/2008	ND<0.31 U	FALSE
MW-6	4/1/2008	ND<0.31 U	FALSE
MW-6	9/23/2008	ND<0.5 U	FALSE
MW-6	9/30/2008	ND<0.5 U	FALSE
MW-6	3/26/2009	ND<0.5 U	FALSE
MW-6	3/31/2009	2.1	FALSE
MW-6	10/2/2009	ND<0.5 U	FALSE
MW-6	10/7/2009	ND<0.5 U	FALSE
MW-6	3/30/2010	2.2	FALSE
MW-6	4/2/2010	ND<0.5 U	FALSE
MW-6	10/6/2010	ND<0.5 U	FALSE

MW-6	10/22/2010	1.4	FALSE
MW-6	3/25/2011	ND<0.5 U	FALSE
MW-6	4/7/2011	ND<0.5 U	FALSE
MW-6	10/5/2011	ND<0.5 U	FALSE
MW-6	10/11/2011	1.1	FALSE
MW-6	4/4/2012	ND<0.5 U	FALSE
MW-6	4/10/2012	1.4	FALSE
MW-6	10/3/2012	ND<0.5 U	FALSE
MW-6	10/11/2012	ND<0.5 U	FALSE
MW-6	4/1/2013	ND<0.31 U	FALSE
MW-6	4/9/2013	ND<0.31 U	FALSE

MW-7	4/8/1993	ND<5 U	FALSE
MW-7	7/14/1994	ND<5 U	FALSE
MW-7	12/14/1994	ND<5 U	FALSE
MW-7	3/16/1995	ND<5 U	FALSE
MW-7	10/11/1996	ND<5 U	FALSE
MW-7	5/12/1997	ND<0.5 U	FALSE
MW-7	11/17/1997	ND<0.5 U	FALSE
MW-7	4/13/1998	ND<0.5 U	FALSE
MW-7	4/28/1998	ND<0.5 U	FALSE
MW-7	11/11/1998	1 I	FALSE
MW-7	4/26/1999	ND<0.5 U	FALSE
MW-7	5/5/1999	ND<0.5 U	FALSE
MW-7	11/2/1999	ND<0.5 U	FALSE
MW-7	11/6/1999	1 I	FALSE
MW-7	4/3/2000	ND<0.5 U	FALSE
MW-7	4/13/2000	ND<0.5 U	FALSE
MW-7	11/6/2000	ND<5 U	FALSE
MW-7	10/22/2001	ND<1 U	FALSE
MW-7	4/29/2002	ND<0.5 U	FALSE
MW-7	3/25/2003	ND<2.5 U	FALSE
MW-7	9/29/2003	ND<0.5 U	FALSE
MW-7	3/30/2004	ND<0.5 U	FALSE
MW-7	9/27/2004	ND<0.5 U	FALSE
MW-7	4/12/2005	ND<0.5 U	FALSE
MW-7	9/26/2005	ND<0.5 U	FALSE
MW-7	9/30/2005	ND<0.5 U	FALSE
MW-7	9/29/2006	ND<0.5 U	FALSE
MW-7	3/27/2007	ND<0.5 U	FALSE
MW-7	3/29/2007	ND<0.5 U	FALSE
MW-7	9/26/2007	ND<0.5 U	FALSE
MW-7	9/27/2007	ND<0.5 U	FALSE
MW-7	3/26/2008	ND<0.31 U	FALSE
MW-7	9/26/2008	ND<0.5 U	FALSE
MW-7	3/26/2009	ND<0.5 U	FALSE
MW-7	10/1/2009	ND<0.5 U	FALSE
MW-7	4/2/2010	ND<0.5 U	FALSE
MW-7	10/6/2010	ND<0.5 U	FALSE
MW-7	3/25/2011	ND<0.5 U	FALSE
MW-7	10/5/2011	ND<0.5 U	FALSE
MW-7	4/4/2012	ND<0.5 U	FALSE
MW-7	10/3/2012	ND<0.5 U	FALSE
MW-7	4/1/2013	ND<0.31 U	FALSE
MW-7	4/9/2013	ND<0.31 U	FALSE

MW-8	4/8/1993	ND<5 U	FALSE
MW-8	7/14/1994	ND<5 U	FALSE
MW-8	12/15/1994	ND<5 U	FALSE
MW-8	10/15/1996	ND<5 U	FALSE
MW-8	5/12/1997	ND<0.5 U	FALSE
MW-8	11/19/1997	ND<0.5 U	FALSE
MW-8	4/17/1998	ND<0.5 U	FALSE
MW-8	4/28/1998	ND<0.5 U	FALSE
MW-8	11/10/1998	ND<0.5 U	FALSE
MW-8	11/11/1998	ND<0.5 U	FALSE
MW-8	4/26/1999	ND<0.5 U	FALSE
MW-8	5/5/1999	ND<0.5 U	FALSE
MW-8	11/1/1999	ND<0.5 U	FALSE
MW-8	11/6/1999	ND<0.5 U	FALSE
MW-8	4/3/2000	ND<0.5 U	FALSE
MW-8	4/13/2000	ND<0.5 U	FALSE
MW-8	11/1/2000	ND<5 U	FALSE
MW-8	11/7/2000	ND<5 U	FALSE
MW-8	5/2/2001	ND<5 U	FALSE
MW-8	10/22/2001	ND<1 U	FALSE
MW-8	10/24/2001	ND<1 U	FALSE
MW-8	1/14/2002	ND<5 U	FALSE
MW-8	4/29/2002	ND<0.5 U	FALSE
MW-8	5/2/2002	ND<0.5 U	FALSE
MW-8	10/31/2002	ND<5 U	FALSE
MW-8	3/25/2003	ND<2.5 U	FALSE
MW-8	3/28/2003	ND<2.5 U	FALSE
MW-8	9/30/2003	ND<0.5 U	FALSE
MW-8	10/2/2003	ND<0.5 U	FALSE
MW-8	3/30/2004	ND<0.5 U	FALSE
MW-8	4/1/2004	ND<0.5 U	FALSE
MW-8	9/27/2004	ND<0.5 U	FALSE
MW-8	9/29/2004	ND<0.5 U	FALSE
MW-8	3/29/2005	ND<0.5 U	FALSE
MW-8	4/12/2005	ND<0.5 U	FALSE
MW-8	9/27/2005	ND<0.5 U	FALSE
MW-8	3/27/2007	ND<0.5 U	FALSE
MW-8	9/28/2007	ND<0.5 U	FALSE
MW-8	3/27/2008	ND<0.31 U	FALSE
MW-8	9/29/2008	ND<0.5 U	FALSE
MW-8	3/25/2009	ND<0.5 U	FALSE
MW-8	10/5/2009	ND<0.5 U	FALSE
MW-8	4/6/2010	ND<0.5 U	FALSE
MW-8	10/8/2010	ND<0.5 U	FALSE
MW-8	3/29/2011	ND<0.5 U	FALSE
MW-8	10/6/2011	ND<0.5 U	FALSE
MW-8	4/6/2012	ND<0.5 U	FALSE
MW-8	10/5/2012	ND<0.5 U	FALSE
MW-8	4/9/2013	ND<0.31 U	FALSE

MW-10	7/14/1994	ND<5 U	FALSE
MW-10	12/14/1994	ND<5 U	FALSE
MW-10	10/15/1996	ND<5 U	FALSE
MW-10	11/19/1997	ND<0.5 U	FALSE
MW-10	4/29/1998	ND<0.5 U	FALSE

MW-10	11/11/1998	ND<0.5 U	FALSE
MW-10	5/5/1999	ND<0.5 U	FALSE
MW-10	11/6/1999	ND<0.5 U	FALSE
MW-10	4/13/2000	ND<0.5 U	FALSE
MW-10	11/1/2000	ND<5 U	FALSE
MW-10	5/2/2001	ND<5 U	FALSE
MW-10	10/24/2001	ND<1 U	FALSE
MW-10	4/30/2002	ND<0.5 U	FALSE
MW-10	5/2/2002	ND<0.5 U	FALSE
MW-10	3/25/2003	ND<2.5 U	FALSE
MW-10	3/28/2003	ND<2.5 U	FALSE
MW-10	9/30/2003	ND<0.5 U	FALSE
MW-10	10/2/2003	ND<0.5 U	FALSE
MW-10	3/30/2004	ND<0.5 U	FALSE
MW-10	4/1/2004	ND<0.5 U	FALSE
MW-10	9/27/2004	ND<0.5 U	FALSE
MW-10	9/29/2004	ND<0.5 U	FALSE
MW-10	3/29/2005	ND<0.5 U	FALSE
MW-10	4/12/2005	ND<0.5 U	FALSE
MW-10	9/27/2005	ND<0.5 U	FALSE
MW-10	3/27/2007	ND<0.5 U	FALSE
MW-10	9/27/2007	ND<0.5 U	FALSE
MW-10	3/26/2008	ND<0.31 U	FALSE
MW-10	9/26/2008	ND<0.5 U	FALSE
MW-10	3/26/2009	ND<0.5 U	FALSE
MW-10	10/1/2009	ND<0.5 U	FALSE
MW-10	4/2/2010	ND<0.5 U	FALSE
MW-10	10/7/2010	ND<0.5 U	FALSE
MW-10	3/29/2011	ND<0.5 U	FALSE
MW-10	10/5/2011	ND<0.5 U	FALSE
MW-10	4/4/2012	ND<0.5 U	FALSE
MW-10	10/3/2012	ND<0.5 U	FALSE
MW-10	4/11/2013	ND<0.31 U	FALSE

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

MW-14	3/27/2008	ND<0.31 U	FALSE
MW-14	9/30/2008	ND<0.5 U	FALSE
MW-14	3/26/2009	ND<0.5 U	FALSE
MW-14	10/2/2009	ND<0.5 U	FALSE
MW-14	4/6/2010	ND<0.5 U	FALSE
MW-14	10/7/2010	ND<0.5 U	FALSE
MW-14	3/29/2011	ND<0.5 U	FALSE
MW-14	10/6/2011	ND<0.5 U	FALSE
MW-14	4/5/2012	ND<0.5 U	FALSE
MW-14	10/5/2012	ND<0.5 U	FALSE
MW-14	4/11/2013	ND<0.31 U	FALSE

MW-11	4/29/2002	ND<0.5 U	FALSE
MW-11	3/25/2003	ND<2.5 U	FALSE
MW-11	9/29/2003	ND<0.5 U	FALSE
MW-11	3/30/2004	ND<0.5 U	FALSE
MW-11	9/27/2004	ND<0.5 U	FALSE
MW-11	4/12/2005	ND<0.5 U	FALSE
MW-11	9/26/2005	ND<0.5 U	FALSE
MW-11	3/27/2007	ND<0.5 U	FALSE
MW-11	9/27/2007	ND<0.5 U	FALSE
MW-11	3/27/2008	ND<0.31 U	FALSE
MW-11	9/30/2008	ND<0.5 U	FALSE
MW-11	3/26/2009	ND<0.5 U	FALSE
MW-11	10/5/2009	ND<0.5 U	FALSE
MW-11	4/6/2010	ND<0.5 U	FALSE
MW-11	10/8/2010	ND<0.5 U	FALSE
MW-11	3/29/2011	ND<0.5 U	FALSE
MW-11	10/5/2011	ND<0.5 U	FALSE
MW-11	4/6/2012	ND<0.5 U	FALSE
MW-11	10/5/2012	ND<0.5 U	FALSE
MW-11	4/9/2013	ND<0.31 U	FALSE

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

MW-13	9/27/2005	ND<0.5 U	FALSE

MW-13	3/27/2007	ND<0.5 U	FALSE
MW-13	9/28/2007	ND<0.5 U	FALSE
MW-13	3/27/2008	ND<0.31 U	FALSE
MW-13	9/29/2008	ND<0.5 U	FALSE
MW-13	3/26/2009	ND<0.5 U	FALSE
MW-13	10/2/2009	ND<0.5 U	FALSE
MW-13	4/2/2010	ND<0.5 U	FALSE
MW-13	10/7/2010	ND<0.5 U	FALSE
MW-13	3/25/2011	ND<0.5 U	FALSE
MW-13	10/6/2011	ND<0.5 U	FALSE
MW-13	4/5/2012	ND<0.5 U	FALSE
MW-13	10/4/2012	ND<0.5 U	FALSE
MW-13	4/9/2013	ND<0.31 U	FALSE

Two-Sample Test of Proportions

Parameter: Vinyl chloride

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 27
Compliance measurements = 548
Comparison Level = 0.03

27 background measurements exceed 0.03
548 compliance measurements exceed 0.03

p background = 1 = 27 / 27
p compliance = 1 = 548 / 548
p total = 1 = 575 / 575

nPs = 548
mPb = 27
n(1-Ps) = 0 < 5.0
m(1-Pb = 0 < 5.0

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 47.3244%
Background measurements (n) = 29
Maximum Background Concentration = 200
Minimum Coverage = 90.2%
Average Coverage = 96.6667%

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

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

MW-3	9/12/1990	84	FALSE
MW-3	9/26/1991	47	FALSE
MW-3	9/21/1992	25	FALSE
MW-3	4/9/1993	26	FALSE
MW-3	7/18/1994	ND<5 U	FALSE
MW-3	12/12/1994	ND<5 U	FALSE
MW-3	5/14/1997	ND<10 U	FALSE
MW-3	11/20/1997	40 I	FALSE
MW-3	**4/14/1998**	**380**	**TRUE**
MW-3	4/29/1998	ND<10 U	FALSE
MW-3	**11/9/1998**	**315**	**TRUE**
MW-3	11/17/1998	ND<12.5 U	FALSE
MW-3	4/27/1999	88 I	FALSE
MW-3	5/7/1999	ND<12.5 U	FALSE
MW-3	10/11/1999	11	FALSE
MW-3	11/1/1999	60 I	FALSE
MW-3	11/6/1999	ND<12.5 U	FALSE
MW-3	4/3/2000	ND<12.5 U	FALSE
MW-3	4/12/2000	ND<12.5 U	FALSE
MW-3	11/3/2000	140	FALSE
MW-3	11/6/2000	55	FALSE
MW-3	4/30/2001	30	FALSE
MW-3	**5/3/2001**	**450**	**TRUE**
MW-3	10/22/2001	67	FALSE
MW-3	10/25/2001	96	FALSE
MW-3	4/29/2002	87	FALSE
MW-3	5/2/2002	91	FALSE
MW-3	10/28/2002	38	FALSE

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

MW-4	9/12/1990	150	FALSE
MW-4	9/26/1991	42	FALSE
MW-4	9/21/1992	10	FALSE
MW-4	7/18/1994	ND<5 U	FALSE
MW-4	12/14/1994	ND<5 U	FALSE
MW-4	5/13/1997	ND<10 U	FALSE
MW-4	11/20/1997	ND<10 U	FALSE
MW-4	**4/15/1998**	**210**	**TRUE**
MW-4	4/29/1998	ND<10 U	FALSE
MW-4	11/9/1998	46 I	FALSE
MW-4	11/16/1998	ND<12.5 U	FALSE
MW-4	4/26/1999	42 I	FALSE
MW-4	5/6/1999	ND<12.5 U	FALSE
MW-4	10/11/1999	10	FALSE
MW-4	11/1/1999	ND<12.5 U	FALSE

MW-4	11/6/1999	ND<12.5 U	FALSE
MW-4	4/4/2000	42 I	FALSE
MW-4	4/12/2000	ND<12.5 U	FALSE
MW-4	11/3/2000	29	FALSE
MW-4	11/6/2000	ND<5 U	FALSE
MW-4	4/30/2001	ND<5 U	FALSE
MW-4	5/3/2001	28	FALSE
MW-4	10/22/2001	27	FALSE
MW-4	10/25/2001	29	FALSE
MW-4	4/29/2002	19	FALSE
MW-4	5/2/2002	34	FALSE
MW-4	10/28/2002	10	FALSE
MW-4	10/31/2002	14	FALSE
MW-4	3/24/2003	30	FALSE
MW-4	4/3/2003	ND<5 U	FALSE
MW-4	9/30/2003	ND<5 U	FALSE
MW-4	10/3/2003	ND<5 U	FALSE
MW-4	3/29/2004	27	FALSE
MW-4	4/2/2004	14	FALSE
MW-4	9/27/2004	22	FALSE
MW-4	9/30/2004	ND<5 U	FALSE
MW-4	3/30/2005	ND<5 U	FALSE
MW-4	4/11/2005	79	FALSE
MW-4	9/26/2005	24	FALSE
MW-4	**9/29/2005**	**ND<5000 U**	**TRUE**
MW-4	9/29/2006	ND<5 U	FALSE
MW-4	3/27/2007	5.4 J	FALSE
MW-4	3/29/2007	25	FALSE
MW-4	9/26/2007	18.6	FALSE
MW-4	9/28/2007	12.2	FALSE
MW-4	3/26/2008	ND<0.2 U	FALSE
MW-4	3/31/2008	13.4	FALSE
MW-4	9/23/2008	ND<5 U	FALSE
MW-4	9/29/2008	ND<5 U	FALSE
MW-4	3/26/2009	ND<5 U	FALSE
MW-4	3/31/2009	ND<5 U	FALSE
MW-4	10/2/2009	ND<5 U	FALSE
MW-4	10/7/2009	15	FALSE
MW-4	3/30/2010	ND<5 U	FALSE
MW-4	4/6/2010	ND<5 U	FALSE
MW-4	9/28/2010	ND<5 U	FALSE
MW-4	10/7/2010	ND<5 U	FALSE
MW-4	3/29/2011	ND<5 U	FALSE
MW-4	4/4/2011	15.1	FALSE
MW-4	10/5/2011	ND<5 U	FALSE
MW-4	10/10/2011	15.1	FALSE
MW-4	4/5/2012	ND<5 U	FALSE
MW-4	4/10/2012	16.9	FALSE
MW-4	10/4/2012	11.7	FALSE
MW-4	10/10/2012	14.5	FALSE
MW-4	4/1/2013	13.8	FALSE
MW-4	4/10/2013	29.4	FALSE

MW-5	9/26/1991	24	FALSE
MW-5	9/21/1992	ND<5 U	FALSE
MW-5	7/15/1994	12	FALSE

MW-5	10/21/1994	15	FALSE
MW-5	12/14/1994	ND<5 U	FALSE
MW-5	3/16/1995	ND<5 U	FALSE
MW-5	6/22/1995	ND<5 U	FALSE
MW-5	10/4/1995	19	FALSE
MW-5	5/13/1997	ND<10 U	FALSE
MW-5	11/20/1997	ND<10 U	FALSE
MW-5	4/13/1998	180	FALSE
MW-5	4/29/1998	ND<10 U	FALSE
MW-5	11/11/1998	97 I	FALSE
MW-5	11/16/1998	ND<12.5 U	FALSE
MW-5	4/26/1999	27 I	FALSE
MW-5	5/6/1999	ND<12.5 U	FALSE
MW-5	10/11/1999	15	FALSE
MW-5	11/2/1999	20 I	FALSE
MW-5	11/6/1999	ND<12.5 U	FALSE
MW-5	4/3/2000	ND<12.5 U	FALSE
MW-5	4/12/2000	ND<12.5 U	FALSE
MW-5	11/1/2000	ND<5 U	FALSE
MW-5	11/6/2000	75	FALSE
MW-5	4/30/2001	ND<5 U	FALSE
MW-5	5/3/2001	88	FALSE
MW-5	10/22/2001	13	FALSE
MW-5	10/24/2001	54	FALSE
MW-5	4/29/2002	84	FALSE
MW-5	5/1/2002	50	FALSE
MW-5	10/28/2002	ND<5 U	FALSE
MW-5	10/31/2002	36	FALSE
MW-5	3/24/2003	ND<5 U	FALSE
MW-5	4/3/2003	ND<5 U	FALSE
MW-5	9/29/2003	ND<5 U	FALSE
MW-5	10/3/2003	ND<5 U	FALSE
MW-5	3/30/2004	13	FALSE
MW-5	4/2/2004	25	FALSE
MW-5	9/27/2004	21	FALSE
MW-5	9/30/2004	ND<5 U	FALSE
MW-5	3/30/2005	ND<5 U	FALSE
MW-5	4/12/2005	ND<5 U	FALSE
MW-5	9/26/2005	11	FALSE
MW-5	**9/29/2005**	**ND<5000 U**	**TRUE**
MW-5	9/29/2006	ND<5 U	FALSE
MW-5	3/27/2007	7.7 J	FALSE
MW-5	3/29/2007	28	FALSE
MW-5	9/26/2007	ND<5 U	FALSE
MW-5	9/27/2007	12.4	FALSE
MW-5	3/26/2008	ND<0.2 U	FALSE
MW-5	3/31/2008	ND<0.2 U	FALSE
MW-5	9/23/2008	ND<5 U	FALSE
MW-5	9/30/2008	12	FALSE
MW-5	3/26/2009	15.1	FALSE
MW-5	3/30/2009	ND<5 U	FALSE
MW-5	10/2/2009	14.3	FALSE
MW-5	10/7/2009	ND<5 U	FALSE
MW-5	3/30/2010	ND<5 U	FALSE
MW-5	4/2/2010	ND<5 U	FALSE
MW-5	9/28/2010	ND<5 U	FALSE
MW-5	10/6/2010	ND<5 U	FALSE

MW-5	3/25/2011	ND<5 U	FALSE
MW-5	4/4/2011	ND<5 U	FALSE
MW-5	10/5/2011	ND<5 U	FALSE
MW-5	10/10/2011	ND<5 U	FALSE
MW-5	4/5/2012	11.1	FALSE
MW-5	4/10/2012	ND<5 U	FALSE
MW-5	10/3/2012	ND<5 U	FALSE
MW-5	10/10/2012	ND<5 U	FALSE
MW-5	4/1/2013	ND<5 U	FALSE
MW-5	4/11/2013	18.7	FALSE

MW-6	9/26/1991	30	FALSE
MW-6	9/21/1992	19	FALSE
MW-6	7/15/1994	ND<5 U	FALSE
MW-6	10/21/1994	12	FALSE
MW-6	12/14/1994	ND<5 U	FALSE
MW-6	3/16/1995	ND<5 U	FALSE
MW-6	6/22/1995	ND<5 U	FALSE
MW-6	10/4/1995	10	FALSE
MW-6	5/7/1997	ND<10 U	FALSE
MW-6	11/20/1997	ND<10 U	FALSE
MW-6	4/13/1998	79	FALSE
MW-6	4/28/1998	ND<10 U	FALSE
MW-6	11/11/1998	63 I	FALSE
MW-6	11/16/1998	ND<12.5 U	FALSE
MW-6	4/26/1999	55 I	FALSE
MW-6	5/5/1999	ND<12.5 U	FALSE
MW-6	10/11/1999	11	FALSE
MW-6	11/2/1999	50 I	FALSE
MW-6	11/5/1999	ND<12.5 U	FALSE
MW-6	4/3/2000	34 I	FALSE
MW-6	4/12/2000	ND<12.5 U	FALSE
MW-6	11/2/2000	59	FALSE
MW-6	11/6/2000	73	FALSE
MW-6	4/30/2001	27	FALSE
MW-6	5/3/2001	100	FALSE
MW-6	**10/22/2001**	**440**	**TRUE**
MW-6	10/24/2001	62	FALSE
MW-6	**4/29/2002**	**260**	**TRUE**
MW-6	5/2/2002	28	FALSE
MW-6	10/28/2002	ND<5 U	FALSE
MW-6	10/31/2002	14	FALSE
MW-6	3/25/2003	ND<5 U	FALSE
MW-6	4/25/2003	16	FALSE
MW-6	**9/29/2003**	**290**	**TRUE**
MW-6	10/2/2003	ND<5 U	FALSE
MW-6	3/30/2004	ND<5 U	FALSE
MW-6	4/2/2004	49	FALSE
MW-6	9/27/2004	57	FALSE
MW-6	9/29/2004	ND<5 U	FALSE
MW-6	3/30/2005	ND<5 U	FALSE
MW-6	**4/12/2005**	**320**	**TRUE**
MW-6	9/26/2005	21	FALSE
MW-6	**9/30/2005**	**ND<5000 U**	**TRUE**
MW-6	9/29/2006	ND<5 U	FALSE
MW-6	3/27/2007	4.2 J	FALSE

MW-6	3/29/2007	12	FALSE
MW-6	9/27/2007	16.4	FALSE
MW-6	3/26/2008	42.9	FALSE
MW-6	4/1/2008	ND<0.2 U	FALSE
MW-6	9/23/2008	ND<5 U	FALSE
MW-6	9/30/2008	ND<5 U	FALSE
MW-6	3/26/2009	15	FALSE
MW-6	3/31/2009	ND<5 U	FALSE
MW-6	10/2/2009	ND<5 U	FALSE
MW-6	10/7/2009	ND<5 U	FALSE
MW-6	3/30/2010	ND<5 U	FALSE
MW-6	4/2/2010	27.8	FALSE
MW-6	10/6/2010	ND<5 U	FALSE
MW-6	10/22/2010	ND<5 U	FALSE
MW-6	3/25/2011	23	FALSE
MW-6	4/7/2011	ND<5 U	FALSE
MW-6	10/5/2011	ND<5 U	FALSE
MW-6	10/11/2011	ND<5 U	FALSE
MW-6	4/4/2012	ND<5 U	FALSE
MW-6	4/10/2012	ND<5 U	FALSE
MW-6	10/3/2012	ND<5 U	FALSE
MW-6	10/11/2012	ND<5 U	FALSE
MW-6	4/1/2013	ND<5 U	FALSE
MW-6	4/9/2013	ND<2.5 U	FALSE

MW-7	4/8/1993	ND<5 U	FALSE
MW-7	7/14/1994	10	FALSE
MW-7	12/14/1994	ND<5 U	FALSE
MW-7	3/16/1995	14	FALSE
MW-7	5/12/1997	ND<10 U	FALSE
MW-7	11/17/1997	ND<10 U	FALSE
MW-7	4/13/1998	90	FALSE
MW-7	4/28/1998	ND<10 U	FALSE
MW-7	11/11/1998	ND<12.5 U	FALSE
MW-7	4/26/1999	ND<12.5 U	FALSE
MW-7	5/5/1999	ND<12.5 U	FALSE
MW-7	10/11/1999	14	FALSE
MW-7	11/2/1999	40 I	FALSE
MW-7	11/6/1999	ND<12.5 U	FALSE
MW-7	4/3/2000	ND<12.5 U	FALSE
MW-7	4/13/2000	ND<12.5 U	FALSE
MW-7	11/6/2000	66	FALSE
MW-7	4/30/2001	42	FALSE
MW-7	**10/22/2001**	**430**	**TRUE**
MW-7	**4/29/2002**	**240**	**TRUE**
MW-7	10/28/2002	47	FALSE
MW-7	3/25/2003	14	FALSE
MW-7	9/29/2003	99	FALSE
MW-7	3/30/2004	ND<5 U	FALSE
MW-7	9/27/2004	23	FALSE
MW-7	**4/12/2005**	**320**	**TRUE**
MW-7	9/26/2005	54	FALSE
MW-7	**9/30/2005**	**25000**	**TRUE**
MW-7	9/29/2006	41	FALSE
MW-7	3/27/2007	37	FALSE
MW-7	3/29/2007	28	FALSE

MW-7	9/26/2007	22.4	FALSE
MW-7	9/27/2007	26.5	FALSE
MW-7	3/26/2008	15.6	FALSE
MW-7	9/26/2008	13.3	FALSE
MW-7	3/26/2009	14.4	FALSE
MW-7	10/1/2009	16.5	FALSE
MW-7	4/2/2010	ND<5 U	FALSE
MW-7	10/6/2010	ND<5 U	FALSE
MW-7	3/25/2011	ND<5 U	FALSE
MW-7	10/5/2011	15.9	FALSE
MW-7	4/4/2012	ND<5 U	FALSE
MW-7	10/3/2012	ND<5 U	FALSE
MW-7	4/1/2013	17.2	FALSE
MW-7	4/9/2013	ND<2.5 U	FALSE
MW-8	4/8/1993	ND<5 U	FALSE
MW-8	7/14/1994	12	FALSE
MW-8	12/15/1994	ND<5 U	FALSE
MW-8	5/12/1997	ND<10 U	FALSE
MW-8	11/19/1997	ND<10 U	FALSE
MW-8	4/17/1998	40 I	FALSE
MW-8	4/28/1998	ND<10 U	FALSE
MW-8	11/10/1998	84 I	FALSE
MW-8	11/11/1998	ND<12.5 U	FALSE
MW-8	4/26/1999	45 I	FALSE
MW-8	5/5/1999	ND<12.5 U	FALSE
MW-8	10/11/1999	14	FALSE
MW-8	11/1/1999	40 I	FALSE
MW-8	11/6/1999	ND<12.5 U	FALSE
MW-8	4/3/2000	ND<12.5 U	FALSE
MW-8	4/13/2000	ND<12.5 U	FALSE
MW-8	11/1/2000	45	FALSE
MW-8	11/7/2000	20	FALSE
MW-8	4/30/2001	39	FALSE
MW-8	5/2/2001	ND<5 U	FALSE
MW-8	10/22/2001	200	FALSE
MW-8	10/24/2001	66	FALSE
MW-8	1/14/2002	21	FALSE
MW-8	4/29/2002	75	FALSE
MW-8	5/2/2002	200	FALSE
MW-8	10/28/2002	ND<5 U	FALSE
MW-8	10/31/2002	15	FALSE
MW-8	3/25/2003	ND<5 U	FALSE
MW-8	3/28/2003	31	FALSE
MW-8	9/30/2003	ND<5 U	FALSE
MW-8	10/2/2003	30	FALSE
MW-8	3/30/2004	14	FALSE
MW-8	4/1/2004	41	FALSE
MW-8	9/27/2004	12	FALSE
MW-8	9/29/2004	ND<5 U	FALSE
MW-8	3/29/2005	13	FALSE
MW-8	4/12/2005	21	FALSE
MW-8	9/27/2005	ND<5 U	FALSE
MW-8	3/27/2007	7.8 J	FALSE
MW-8	9/28/2007	10.7	FALSE
MW-8	3/27/2008	12.8	FALSE

MW-8	9/29/2008	ND<5 U	FALSE
MW-8	3/25/2009	19.5	FALSE
MW-8	10/5/2009	ND<5 U	FALSE
MW-8	4/6/2010	11.2	FALSE
MW-8	10/8/2010	ND<5 U	FALSE
MW-8	3/29/2011	13.4	FALSE
MW-8	10/6/2011	11	FALSE
MW-8	4/6/2012	18.3	FALSE
MW-8	10/5/2012	ND<5 U	FALSE
MW-8	4/9/2013	ND<2.5 U	FALSE

MW-10	7/14/1994	ND<5 U	FALSE
MW-10	12/14/1994	ND<5 U	FALSE
MW-10	5/7/1997	ND<10 U	FALSE
MW-10	11/19/1997	ND<10 U	FALSE
MW-10	4/29/1998	ND<10 U	FALSE
MW-10	11/11/1998	ND<12.5 U	FALSE
MW-10	5/5/1999	30 I	FALSE
MW-10	10/11/1999	14	FALSE
MW-10	11/6/1999	ND<12.5 U	FALSE
MW-10	4/13/2000	ND<12.5 U	FALSE
MW-10	11/1/2000	ND<5 U	FALSE
MW-10	5/2/2001	170	FALSE
MW-10	10/24/2001	18	FALSE
MW-10	4/30/2002	14	FALSE
MW-10	5/2/2002	64	FALSE
MW-10	10/29/2002	56	FALSE
MW-10	3/25/2003	62	FALSE
MW-10	3/28/2003	ND<5 U	FALSE
MW-10	9/30/2003	38	FALSE
MW-10	10/2/2003	12	FALSE
MW-10	3/30/2004	21	FALSE
MW-10	4/1/2004	29	FALSE
MW-10	9/27/2004	40	FALSE
MW-10	9/29/2004	ND<5 U	FALSE
MW-10	3/29/2005	ND<5 U	FALSE
MW-10	**4/12/2005**	**370**	**TRUE**
MW-10	9/27/2005	140	FALSE
MW-10	3/27/2007	37	FALSE
MW-10	9/27/2007	55	FALSE
MW-10	3/26/2008	25.8	FALSE
MW-10	9/26/2008	31.7	FALSE
MW-10	3/26/2009	17	FALSE
MW-10	10/1/2009	28.5	FALSE
MW-10	4/2/2010	ND<5 U	FALSE
MW-10	10/7/2010	ND<5 U	FALSE
MW-10	3/29/2011	15.3	FALSE
MW-10	10/5/2011	ND<5 U	FALSE
MW-10	4/4/2012	13.5	FALSE
MW-10	10/3/2012	10.9	FALSE
MW-10	4/11/2013	24	FALSE

MW-14	7/18/1994	ND<5 U	FALSE
MW-14	12/14/1994	ND<5 U	FALSE
MW-14	5/12/1997	ND<10 U	FALSE

MW-14	11/18/1997	ND<10 U	FALSE
MW-14	4/28/1998	150	FALSE
MW-14	11/12/1998	89 I	FALSE
MW-14	5/5/1999	70 I	FALSE
MW-14	10/11/1999	15	FALSE
MW-14	11/3/1999	30 I	FALSE
MW-14	4/6/2000	59 I	FALSE
MW-14	11/2/2000	18	FALSE
MW-14	5/2/2001	13	FALSE
MW-14	10/24/2001	18	FALSE
MW-14	4/30/2002	18	FALSE
MW-14	10/31/2002	ND<5 U	FALSE
MW-14	3/28/2003	ND<5 U	FALSE
MW-14	10/1/2003	ND<5 U	FALSE
MW-14	3/31/2004	30	FALSE
MW-14	9/29/2004	ND<5 U	FALSE
MW-14	3/25/2005	ND<5 U	FALSE
MW-14	3/27/2007	16	FALSE
MW-14	9/28/2007	56.1	FALSE
MW-14	3/27/2008	30.3	FALSE
MW-14	9/30/2008	ND<5 U	FALSE
MW-14	3/26/2009	ND<5 U	FALSE
MW-14	10/2/2009	10.7	FALSE
MW-14	4/6/2010	ND<5 U	FALSE
MW-14	10/7/2010	ND<5 U	FALSE
MW-14	3/29/2011	35.4	FALSE
MW-14	10/6/2011	ND<5 U	FALSE
MW-14	4/5/2012	ND<5 U	FALSE
MW-14	10/5/2012	ND<5 U	FALSE
MW-14	4/11/2013	ND<5 U	FALSE

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

MW-12	10/28/2002	ND<5 U	FALSE
MW-12	3/25/2003	130	FALSE

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

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

Two-Sample Test of Proportions

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 29
Compliance measurements = 569
Comparison Level = 1000

0 background measurements exceed 1000
6 compliance measurements exceed 1000

p background = 0 = 0 / 29
p compliance = 0.0105448 = 6 / 569
p total = 0.0100334 = 6 / 598

nPs = 6
mPb = 0 < 5.0
n(1-Ps) = 563
m(1-Pb = 29

Zp = 0.555787 = 0.0105448 / 0.0189728
Z critical = 1.64485 at 95% confidence level

0.555787 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 1000

Non-Parametric Tolerance Interval

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 1.73913%
Background measurements (n) = 25
Maximum Background Concentration = 1290
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

Location	Date	Value	Significant
MW-5D	4/13/1998	59	FALSE
MW-5D	11/11/1998	49	FALSE
MW-5D	4/26/1999	48	FALSE
MW-5D	11/2/1999	46	FALSE
MW-5D	4/3/2000	41	FALSE
MW-5D	11/6/2000	94	FALSE
MW-5D	4/30/2001	48	FALSE
MW-5D	10/22/2001	62	FALSE
MW-5D	4/29/2002	76	FALSE
MW-5D	10/28/2002	52	FALSE
MW-5D	3/24/2003	50	FALSE
MW-5D	9/29/2003	53	FALSE
MW-5D	3/29/2004	50	FALSE
MW-5D	9/27/2004	55	FALSE
MW-5D	4/12/2005	49	FALSE
MW-5D	9/26/2005	45	FALSE
MW-5D	3/27/2007	50 J	FALSE
MW-5D	9/27/2007	51.7	FALSE
MW-5D	3/26/2008	51.2	FALSE
MW-5D	9/30/2008	45.6	FALSE
MW-5D	3/26/2009	58.9	FALSE
MW-5D	10/2/2009	58.1	FALSE
MW-5D	4/2/2010	53.2	FALSE
MW-5D	10/6/2010	50.1	FALSE
MW-5D	3/25/2011	53.5	FALSE
MW-5D	10/5/2011	61.3	FALSE
MW-5D	4/5/2012	57.1	FALSE
MW-5D	10/3/2012	59.2	FALSE
MW-5D	4/11/2013	68.8	FALSE
MW-2D	4/15/1998	83	FALSE
MW-2D	11/11/1998	117	FALSE
MW-2D	4/27/1999	74	FALSE
MW-2D	11/2/1999	80	FALSE
MW-2D	4/4/2000	70	FALSE
MW-2D	11/6/2000	95	FALSE
MW-2D	4/30/2001	140	FALSE
MW-2D	10/22/2001	77	FALSE
MW-2D	4/29/2002	230	FALSE
MW-2D	10/28/2002	140	FALSE
MW-2D	3/24/2003	77	FALSE
MW-2D	9/29/2003	130	FALSE
MW-2D	3/29/2004	100	FALSE

MW-2D	9/27/2004	140	FALSE
MW-2D	4/11/2005	81	FALSE
MW-2D	9/26/2005	79	FALSE
MW-2D	3/27/2007	77 J	FALSE
MW-2D	9/28/2007	89.3	FALSE
MW-2D	3/26/2008	77.2	FALSE
MW-2D	9/29/2008	72	FALSE
MW-2D	3/26/2009	74.7	FALSE
MW-2D	10/1/2009	79.3	FALSE
MW-2D	4/6/2010	87.8	FALSE
MW-2D	10/8/2010	74.3	FALSE
MW-2D	3/25/2011	79	FALSE
MW-2D	10/5/2011	87.8	FALSE
MW-2D	4/4/2012	82.1	FALSE
MW-2D	10/5/2012	80.6	FALSE
MW-2D	4/10/2013	82.3	FALSE
MW-4D	4/15/1998	42	FALSE
MW-4D	11/9/1998	41	FALSE
MW-4D	4/26/1999	31	FALSE
MW-4D	11/1/1999	29	FALSE
MW-4D	4/4/2000	30	FALSE
MW-4D	11/6/2000	140	FALSE
MW-4D	4/30/2001	77	FALSE
MW-4D	10/22/2001	130	FALSE
MW-4D	4/29/2002	90	FALSE
MW-4D	10/28/2002	47	FALSE
MW-4D	3/24/2003	45	FALSE
MW-4D	9/29/2003	34	FALSE
MW-4D	3/29/2004	62	FALSE
MW-4D	9/27/2004	32	FALSE
MW-4D	4/11/2005	32	FALSE
MW-4D	9/26/2005	33	FALSE
MW-4D	3/27/2007	30 J	FALSE
MW-4D	9/28/2007	30.7	FALSE
MW-4D	3/26/2008	31.9	FALSE
MW-4D	9/29/2008	65	FALSE
MW-4D	3/26/2009	48.2	FALSE
MW-4D	10/2/2009	83.2	FALSE
MW-4D	4/6/2010	34.9	FALSE
MW-4D	10/7/2010	27.1	FALSE
MW-4D	3/29/2011	31.5	FALSE
MW-4D	10/5/2011	34.4	FALSE
MW-4D	4/5/2012	33.3	FALSE
MW-4D	10/4/2012	28.8	FALSE
MW-4D	4/10/2013	53.9	FALSE
MW-8D	4/17/1998	560	FALSE
MW-8D	11/10/1998	58	FALSE
MW-8D	4/26/1999	54	FALSE
MW-8D	11/1/1999	50	FALSE
MW-8D	4/3/2000	46	FALSE
MW-8D	11/7/2000	54	FALSE
MW-8D	4/30/2001	48	FALSE
MW-8D	10/22/2001	66	FALSE

MW-8D	4/29/2002	80	FALSE
MW-8D	10/28/2002	56	FALSE
MW-8D	3/25/2003	53	FALSE
MW-8D	9/30/2003	52	FALSE
MW-8D	3/30/2004	55	FALSE
MW-8D	9/27/2004	58	FALSE
MW-8D	4/12/2005	56	FALSE
MW-8D	9/27/2005	57	FALSE
MW-8D	3/27/2007	71 J	FALSE
MW-8D	9/28/2007	88.2	FALSE
MW-8D	3/27/2008	89.1	FALSE
MW-8D	9/29/2008	76.1	FALSE
MW-8D	3/25/2009	70.9	FALSE
MW-8D	10/5/2009	84	FALSE
MW-8D	4/6/2010	90.6	FALSE
MW-8D	10/8/2010	88.5	FALSE
MW-8D	3/29/2011	108	FALSE
MW-8D	10/6/2011	123	FALSE
MW-8D	4/6/2012	119	FALSE
MW-8D	10/5/2012	121	FALSE
MW-8D	4/9/2013	123	FALSE

MW-11D	4/29/2002	350	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	65	FALSE
MW-11D	9/29/2003	63	FALSE
MW-11D	3/30/2004	17	FALSE
MW-11D	9/27/2004	15	FALSE
MW-11D	4/12/2005	13	FALSE
MW-11D	9/26/2005	17	FALSE
MW-11D	3/27/2007	18 J	FALSE
MW-11D	9/27/2007	17.7	FALSE
MW-11D	3/27/2008	15.6	FALSE
MW-11D	9/30/2008	10.2	FALSE
MW-11D	3/26/2009	12.1	FALSE
MW-11D	10/5/2009	14.5	FALSE
MW-11D	4/6/2010	12.3	FALSE
MW-11D	10/8/2010	14.7	FALSE
MW-11D	3/29/2011	13	FALSE
MW-11D	10/5/2011	15.6	FALSE
MW-11D	4/6/2012	13.2	FALSE
MW-11D	10/5/2012	15.6	FALSE
MW-11D	4/9/2013	14.7	FALSE

MW-10D	4/30/2002	690	FALSE
MW-10D	10/29/2002	120	FALSE
MW-10D	3/25/2003	130	FALSE
MW-10D	9/30/2003	12	FALSE
MW-10D	3/30/2004	12	FALSE
MW-10D	9/27/2004	17	FALSE
MW-10D	4/12/2005	54	FALSE
MW-10D	9/27/2005	160	FALSE
MW-10D	3/27/2007	12 J	FALSE
MW-10D	9/27/2007	30.9	FALSE
MW-10D	3/26/2008	17.8	FALSE

MW-10D	9/26/2008	12.2	FALSE
MW-10D	3/26/2009	11	FALSE
MW-10D	10/1/2009	19.7	FALSE
MW-10D	4/2/2010	21.1	FALSE
MW-10D	10/7/2010	14.6	FALSE
MW-10D	3/29/2011	13.8	FALSE
MW-10D	10/5/2011	23.2	FALSE
MW-10D	4/4/2012	16.9	FALSE
MW-10D	10/3/2012	15.2	FALSE
MW-10D	4/11/2013	25.1	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	1000	FALSE
MW-12D	9/30/2003	150	FALSE
MW-12D	3/30/2004	68	FALSE
MW-12D	9/27/2004	420	FALSE
MW-12D	4/11/2005	370	FALSE
MW-12D	9/27/2005	160	FALSE
MW-12D	3/27/2007	46 J	FALSE
MW-12D	9/28/2007	262	FALSE
MW-12D	3/27/2008	76.6	FALSE
MW-12D	9/30/2008	82.9	FALSE
MW-12D	3/26/2009	43.5	FALSE
MW-12D	10/2/2009	45.8	FALSE
MW-12D	4/6/2010	45.4	FALSE
MW-12D	10/7/2010	47.5	FALSE
MW-12D	3/29/2011	55.1	FALSE
MW-12D	10/6/2011	63.5	FALSE
MW-12D	4/5/2012	43.5	FALSE
MW-12D	10/5/2012	61	FALSE
MW-12D	4/11/2013	43.3	FALSE
MW-13D	9/27/2005	400	FALSE
MW-13D	3/27/2007	220	FALSE
MW-13D	9/28/2007	211	FALSE
MW-13D	3/27/2008	225	FALSE
MW-13D	9/29/2008	179	FALSE
MW-13D	3/26/2009	198	FALSE
MW-13D	10/2/2009	228	FALSE
MW-13D	4/2/2010	279	FALSE
MW-13D	10/7/2010	212	FALSE
MW-13D	3/25/2011	215	FALSE
MW-13D	10/6/2011	259	FALSE
MW-13D	4/5/2012	248	FALSE
MW-13D	10/4/2012	257	FALSE
MW-13D	4/9/2013	260	FALSE
MW-14D	3/27/2007	11 J	FALSE
MW-14D	9/28/2007	12.1	FALSE
MW-14D	3/27/2008	10.4	FALSE
MW-14D	9/30/2008	7.9	FALSE
MW-14D	3/26/2009	7.1	FALSE
MW-14D	10/2/2009	6.6	FALSE
MW-14D	4/6/2010	6.1	FALSE

MW-14D	10/7/2010	5.1	FALSE
MW-14D	3/29/2011	5.1	FALSE
MW-14D	10/6/2011	6.2	FALSE
MW-14D	4/5/2012	11.9	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Barium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 25
Compliance measurements = 205
Comparison Level = 700

2 background measurements exceed 700
1 compliance measurements exceed 700

p background = 0.08 = 2 / 25
p compliance = 0.00487805 = 1 / 205
p total = 0.0130435 = 3 / 230

nPs = 1 < 5.0
mPb = 2 < 5.0
n(1-Ps) = 204
m(1-Pb = 23

Zp = -3.12539 = -0.075122 / 0.024036
Z critical = 1.64485 at 95% confidence level

-3.12539 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 700

Non-Parametric Tolerance Interval

Parameter: Chromium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 71.7391%
Background measurements (n) = 25
Maximum Background Concentration = 202
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

Location	Date	Value	Significant
MW-5D	4/13/1998	ND<5 U	FALSE
MW-5D	11/11/1998	4 I	FALSE
MW-5D	4/26/1999	3 I	FALSE
MW-5D	11/2/1999	3 I	FALSE
MW-5D	4/3/2000	1 I	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<2.5 U	FALSE
MW-5D	4/29/2002	7	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<1 U	FALSE
MW-5D	3/29/2004	ND<1 U	FALSE
MW-5D	9/27/2004	ND<1 U	FALSE
MW-5D	4/12/2005	ND<1 U	FALSE
MW-5D	9/26/2005	ND<1 U	FALSE
MW-5D	3/27/2007	0.92 J	FALSE
MW-5D	9/27/2007	1.3 J	FALSE
MW-5D	3/26/2008	ND<0.2 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1 U	FALSE
MW-2D	4/15/1998	ND<5 U	FALSE
MW-2D	11/11/1998	12	FALSE
MW-2D	4/27/1999	3 I	FALSE
MW-2D	11/2/1999	4 I	FALSE
MW-2D	4/4/2000	2 I	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	10	FALSE
MW-2D	10/28/2002	ND<2.5 U	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	9.7	FALSE
MW-2D	3/29/2004	5.7	FALSE

MW-2D	9/27/2004	5.1	FALSE
MW-2D	4/11/2005	ND<1 U	FALSE
MW-2D	9/26/2005	2.1	FALSE
MW-2D	3/27/2007	0.5 J	FALSE
MW-2D	9/28/2007	0.6 J	FALSE
MW-2D	3/26/2008	ND<0.2 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1 U	FALSE
MW-4D	4/15/1998	ND<5 U	FALSE
MW-4D	11/9/1998	4 I	FALSE
MW-4D	4/26/1999	3 I	FALSE
MW-4D	11/1/1999	3 I	FALSE
MW-4D	4/4/2000	ND<0.5 U	FALSE
MW-4D	11/6/2000	ND<2.5 U	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	28	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<1 U	FALSE
MW-4D	3/29/2004	8	FALSE
MW-4D	9/27/2004	ND<1 U	FALSE
MW-4D	4/11/2005	ND<1 U	FALSE
MW-4D	9/26/2005	ND<1 U	FALSE
MW-4D	3/27/2007	ND<5 U	FALSE
MW-4D	9/28/2007	0.59 J	FALSE
MW-4D	3/26/2008	ND<0.2 U	FALSE
MW-4D	9/29/2008	10.5	FALSE
MW-4D	3/26/2009	6.9	FALSE
MW-4D	10/2/2009	14.7	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	6.5	FALSE
MW-8D	4/17/1998	ND<5 U	FALSE
MW-8D	11/10/1998	3 I	FALSE
MW-8D	4/26/1999	3 I	FALSE
MW-8D	11/1/1999	2 I	FALSE
MW-8D	4/3/2000	2 I	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	6.2	FALSE

MW-8D	4/29/2002	9.2	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<1 U	FALSE
MW-8D	3/30/2004	ND<1 U	FALSE
MW-8D	9/27/2004	ND<1 U	FALSE
MW-8D	4/12/2005	ND<1 U	FALSE
MW-8D	9/27/2005	ND<1 U	FALSE
MW-8D	3/27/2007	1.9 J	FALSE
MW-8D	9/28/2007	1.4 J	FALSE
MW-8D	3/27/2008	ND<0.2 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1 U	FALSE

MW-11D	4/29/2002	12	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<1 U	FALSE
MW-11D	3/30/2004	ND<1 U	FALSE
MW-11D	9/27/2004	ND<1 U	FALSE
MW-11D	4/12/2005	ND<1 U	FALSE
MW-11D	9/26/2005	ND<1 U	FALSE
MW-11D	3/27/2007	ND<5 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.2 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE
MW-11D	4/9/2013	ND<1 U	FALSE

MW-10D	**4/30/2002**	**230**	**TRUE**
MW-10D	10/29/2002	8.9	FALSE
MW-10D	3/25/2003	35	FALSE
MW-10D	9/30/2003	ND<1 U	FALSE
MW-10D	3/30/2004	ND<1 U	FALSE
MW-10D	9/27/2004	ND<1 U	FALSE
MW-10D	4/12/2005	8	FALSE
MW-10D	9/27/2005	33	FALSE
MW-10D	3/27/2007	0.7 J	FALSE
MW-10D	9/27/2007	2 J	FALSE
MW-10D	3/26/2008	ND<0.2 U	FALSE

MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-10D	10/3/2012	ND<2.5 U	FALSE
MW-10D	4/11/2013	ND<1 U	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	170	FALSE
MW-12D	9/30/2003	13	FALSE
MW-12D	3/30/2004	ND<1 U	FALSE
MW-12D	9/27/2004	50	FALSE
MW-12D	4/11/2005	45	FALSE
MW-12D	9/27/2005	3	FALSE
MW-12D	3/27/2007	2.3 J	FALSE
MW-12D	9/28/2007	25.5	FALSE
MW-12D	3/27/2008	5.6	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-13D	9/27/2005	64	FALSE
MW-13D	3/27/2007	15	FALSE
MW-13D	9/28/2007	1.2 J	FALSE
MW-13D	3/27/2008	ND<0.2 U	FALSE
MW-13D	9/29/2008	ND<2.5 U	FALSE
MW-13D	3/26/2009	9.9	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-13D	10/4/2012	ND<2.5 U	FALSE
MW-13D	4/9/2013	ND<1 U	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.2 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE

MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	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 = 25
Compliance measurements = 205
Comparison Level = 10

4 background measurements exceed 10
16 compliance measurements exceed 10

p background = 0.16 = 4 / 25
p compliance = 0.0780488 = 16 / 205
p total = 0.0869565 = 20 / 230

nPs = 16
mPb = 4 < 5.0
n(1-Ps) = 189
m(1-Pb = 21

Zp = -1.37291 = -0.0819512 / 0.0596917
Z critical = 1.64485 at 95% confidence level

-1.37291 < 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 = 80.8696%
Background measurements (n) = 25
Maximum Background Concentration = 126
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

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

MW-2D	9/27/2004	ND<2.5 U	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/27/2007	ND<5 U	FALSE
MW-2D	9/28/2007	4.2 J	FALSE
MW-2D	3/26/2008	ND<0.3 U	FALSE
MW-2D	9/29/2008	5	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1 U	FALSE
MW-4D	4/15/1998	ND<2.5 U	FALSE
MW-4D	11/9/1998	ND<2.5 U	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	ND<2.5 U	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	ND<2.5 U	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	9.3	FALSE
MW-4D	4/29/2002	6.6	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<2.5 U	FALSE
MW-4D	3/29/2004	ND<2.5 U	FALSE
MW-4D	9/27/2004	ND<2.5 U	FALSE
MW-4D	4/11/2005	ND<2.5 U	FALSE
MW-4D	9/26/2005	ND<2.5 U	FALSE
MW-4D	3/27/2007	0.64 J	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.3 U	FALSE
MW-4D	9/29/2008	5.4	FALSE
MW-4D	3/26/2009	ND<2.5 U	FALSE
MW-4D	10/2/2009	ND<2.5 U	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	6.6	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	ND<2.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	ND<2.5 U	FALSE

MW-8D	4/29/2002	ND<2.5 U	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/27/2007	ND<5 U	FALSE
MW-8D	9/28/2007	3.5 J	FALSE
MW-8D	3/27/2008	ND<0.3 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1 U	FALSE

MW-11D	4/29/2002	8.4	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/27/2007	ND<5 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.3 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE
MW-11D	4/9/2013	ND<1 U	FALSE

MW-10D	4/30/2002	59	FALSE
MW-10D	10/29/2002	8.4	FALSE
MW-10D	3/25/2003	9	FALSE
MW-10D	9/30/2003	ND<2.5 U	FALSE
MW-10D	3/30/2004	ND<2.5 U	FALSE
MW-10D	9/27/2004	ND<2.5 U	FALSE
MW-10D	4/12/2005	5.9	FALSE
MW-10D	9/27/2005	19	FALSE
MW-10D	3/27/2007	ND<5 U	FALSE
MW-10D	9/27/2007	3.6 J	FALSE
MW-10D	3/26/2008	ND<0.3 U	FALSE

MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-10D	10/3/2012	ND<2.5 U	FALSE
MW-10D	4/11/2013	ND<1 U	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	81	FALSE
MW-12D	9/30/2003	ND<2.5 U	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	22	FALSE
MW-12D	4/11/2005	15	FALSE
MW-12D	9/27/2005	ND<2.5 U	FALSE
MW-12D	3/27/2007	1.1 J	FALSE
MW-12D	9/28/2007	28.8	FALSE
MW-12D	3/27/2008	ND<0.3 U	FALSE
MW-12D	9/30/2008	5.7	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-13D	9/27/2005	12	FALSE
MW-13D	3/27/2007	ND<5 U	FALSE
MW-13D	9/28/2007	8.6	FALSE
MW-13D	3/27/2008	10	FALSE
MW-13D	9/29/2008	15.2	FALSE
MW-13D	3/26/2009	17.5	FALSE
MW-13D	10/2/2009	16	FALSE
MW-13D	4/2/2010	18.3	FALSE
MW-13D	10/7/2010	17.8	FALSE
MW-13D	3/25/2011	21.9	FALSE
MW-13D	10/6/2011	22.7	FALSE
MW-13D	4/5/2012	22.2	FALSE
MW-13D	10/4/2012	20.8	FALSE
MW-13D	4/9/2013	24.5	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.3 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE

MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Cobalt

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 25
Compliance measurements = 205
Comparison Level = 1

22 background measurements exceed 1
191 compliance measurements exceed 1

p background = 0.88 = 22 / 25
p compliance = 0.931707 = 191 / 205
p total = 0.926087 = 213 / 230

nPs = 191
mPb = 22
n(1-Ps) = 14
m(1-Pb = 3 < 5.0

Zp = 0.932929 = 0.0517073 / 0.0554247
Z critical = 1.64485 at 95% confidence level

0.932929 < 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 = 66.9565%
Background measurements (n) = 25
Maximum Background Concentration = 240
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

Location	Date	Value	Significant
MW-5D	4/13/1998	ND<2.5 U	FALSE
MW-5D	11/11/1998	ND<2.5 U	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	7 I	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	ND<2.5 U	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	ND<2.5 U	FALSE
MW-5D	4/29/2002	5.8	FALSE
MW-5D	10/28/2002	3	FALSE
MW-5D	3/24/2003	ND<1 U	FALSE
MW-5D	9/29/2003	2.2	FALSE
MW-5D	3/29/2004	ND<1 U	FALSE
MW-5D	9/27/2004	ND<1 U	FALSE
MW-5D	4/12/2005	ND<1 U	FALSE
MW-5D	9/26/2005	ND<1 U	FALSE
MW-5D	3/27/2007	1.5 J	FALSE
MW-5D	9/27/2007	0.78 J	FALSE
MW-5D	3/26/2008	ND<0.15 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	7 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	8.5	FALSE
MW-2D	10/28/2002	5	FALSE
MW-2D	3/24/2003	ND<1 U	FALSE
MW-2D	9/29/2003	6.8	FALSE
MW-2D	3/29/2004	3.4	FALSE

MW-2D	9/27/2004	11	FALSE
MW-2D	4/11/2005	ND<1 U	FALSE
MW-2D	9/26/2005	ND<1 U	FALSE
MW-2D	3/27/2007	ND<5 U	FALSE
MW-2D	9/28/2007	ND<2.5 U	FALSE
MW-2D	3/26/2008	ND<0.15 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1 U	FALSE
MW-4D	4/15/1998	5 I	FALSE
MW-4D	11/9/1998	5 I	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	8 I	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	16	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	35	FALSE
MW-4D	4/29/2002	23	FALSE
MW-4D	10/28/2002	5.8	FALSE
MW-4D	3/24/2003	6.7	FALSE
MW-4D	9/29/2003	2.4	FALSE
MW-4D	3/29/2004	13	FALSE
MW-4D	9/27/2004	ND<1 U	FALSE
MW-4D	4/11/2005	ND<1 U	FALSE
MW-4D	9/26/2005	ND<1 U	FALSE
MW-4D	3/27/2007	0.36 J	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.15 U	FALSE
MW-4D	9/29/2008	13.6	FALSE
MW-4D	3/26/2009	8.1	FALSE
MW-4D	10/2/2009	17.4	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	10.1	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	6	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	ND<2.5 U	FALSE

MW-8D	4/29/2002	6.3	FALSE
MW-8D	10/28/2002	3.2	FALSE
MW-8D	3/25/2003	ND<1 U	FALSE
MW-8D	9/30/2003	ND<1 U	FALSE
MW-8D	3/30/2004	ND<1 U	FALSE
MW-8D	9/27/2004	4.1	FALSE
MW-8D	4/12/2005	ND<1 U	FALSE
MW-8D	9/27/2005	ND<1 U	FALSE
MW-8D	3/27/2007	1.3 J	FALSE
MW-8D	9/28/2007	2.2 J	FALSE
MW-8D	3/27/2008	ND<0.15 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	6.2	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1 U	FALSE

MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<1 U	FALSE
MW-11D	3/25/2003	2.6	FALSE
MW-11D	9/29/2003	3.2	FALSE
MW-11D	3/30/2004	ND<1 U	FALSE
MW-11D	9/27/2004	ND<1 U	FALSE
MW-11D	4/12/2005	ND<1 U	FALSE
MW-11D	9/26/2005	ND<1 U	FALSE
MW-11D	3/27/2007	2.6 J	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.15 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE
MW-11D	4/9/2013	ND<1 U	FALSE

MW-10D	4/30/2002	180	FALSE
MW-10D	10/29/2002	17	FALSE
MW-10D	3/25/2003	21	FALSE
MW-10D	9/30/2003	2.8	FALSE
MW-10D	3/30/2004	3	FALSE
MW-10D	9/27/2004	2	FALSE
MW-10D	4/12/2005	19	FALSE
MW-10D	9/27/2005	43	FALSE
MW-10D	3/27/2007	0.91 J	FALSE
MW-10D	9/27/2007	10.6	FALSE
MW-10D	3/26/2008	ND<0.15 U	FALSE

MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	5.8	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-10D	10/3/2012	ND<2.5 U	FALSE
MW-10D	4/11/2013	ND<1 U	FALSE
MW-12D	10/28/2002	ND<1 U	FALSE
MW-12D	3/25/2003	200	FALSE
MW-12D	9/30/2003	16	FALSE
MW-12D	3/30/2004	2.2	FALSE
MW-12D	9/27/2004	82	FALSE
MW-12D	4/11/2005	61	FALSE
MW-12D	9/27/2005	12	FALSE
MW-12D	3/27/2007	3 J	FALSE
MW-12D	9/28/2007	43.1	FALSE
MW-12D	3/27/2008	6.1	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	8.1	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-13D	9/27/2005	34	FALSE
MW-13D	3/27/2007	12	FALSE
MW-13D	9/28/2007	0.3 J	FALSE
MW-13D	3/27/2008	ND<0.15 U	FALSE
MW-13D	9/29/2008	ND<2.5 U	FALSE
MW-13D	3/26/2009	5.6	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-13D	10/4/2012	ND<2.5 U	FALSE
MW-13D	4/9/2013	ND<1 U	FALSE
MW-14D	3/27/2007	ND<5 U	FALSE
MW-14D	9/28/2007	0.66 J	FALSE
MW-14D	3/27/2008	ND<0.15 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE

MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Copper

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 25
Compliance measurements = 205
Comparison Level = 1000

0 background measurements exceed 1000
0 compliance measurements exceed 1000

p background = 0 = 0 / 25
p compliance = 0 = 0 / 205
p total = 0 = 0 / 230

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 205
m(1-Pb = 25

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Cyanide- Total

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 62.5%
Background measurements (n) = 1
Maximum Background Concentration = 2.5
Minimum Coverage = 5%
Average Coverage = 50%

Location	Date	Value	Significant
MW-11D	**4/9/2013**	**6**	**TRUE**
MW-13D	**4/9/2013**	**9.3**	**TRUE**
MW-8D	4/9/2013	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<2.5 U	FALSE
MW-4D	**4/10/2013**	**7.1**	**TRUE**
MW-10D	4/11/2013	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Cyanide- Total

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 1
Compliance measurements = 7
Comparison Level = 70

0 background measurements exceed 70
0 compliance measurements exceed 70

p background = 0 = 0 / 1
p compliance = 0 = 0 / 7
p total = 0 = 0 / 8

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

Divide by zero error.

Non-Parametric Tolerance Interval

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 63.913%
Background measurements (n) = 25
Maximum Background Concentration = 212
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

Location	Date	Value	Significant
MW-5D	4/13/1998	8 I	FALSE
MW-5D	11/11/1998	6 I	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	7.1	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	6	FALSE
MW-5D	4/29/2002	9	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE
MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/27/2007	ND<25 U	FALSE
MW-5D	9/27/2007	2.9 J	FALSE
MW-5D	3/26/2008	ND<0.85 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	ND<2.5 U	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1.25 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	8 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	ND<2.5 U	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	ND<2.5 U	FALSE
MW-2D	4/30/2001	ND<2.5 U	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	11	FALSE
MW-2D	10/28/2002	5.5	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	7.2	FALSE
MW-2D	3/29/2004	ND<2.5 U	FALSE

MW-2D	9/27/2004	ND<2.5 U	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/27/2007	ND<25 U	FALSE
MW-2D	9/28/2007	ND<2.5 U	FALSE
MW-2D	3/26/2008	ND<0.85 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1.25 U	FALSE
MW-4D	4/15/1998	ND<2.5 U	FALSE
MW-4D	11/9/1998	6 I	FALSE
MW-4D	4/26/1999	ND<2.5 U	FALSE
MW-4D	11/1/1999	5 I	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	6.5	FALSE
MW-4D	4/30/2001	ND<2.5 U	FALSE
MW-4D	10/22/2001	24	FALSE
MW-4D	4/29/2002	14	FALSE
MW-4D	10/28/2002	ND<2.5 U	FALSE
MW-4D	3/24/2003	ND<2.5 U	FALSE
MW-4D	9/29/2003	ND<2.5 U	FALSE
MW-4D	3/29/2004	7	FALSE
MW-4D	9/27/2004	ND<2.5 U	FALSE
MW-4D	4/11/2005	ND<2.5 U	FALSE
MW-4D	9/26/2005	ND<2.5 U	FALSE
MW-4D	3/27/2007	ND<25 U	FALSE
MW-4D	9/28/2007	ND<2.5 U	FALSE
MW-4D	3/26/2008	ND<0.85 U	FALSE
MW-4D	9/29/2008	8	FALSE
MW-4D	3/26/2009	7.1	FALSE
MW-4D	10/2/2009	13.2	FALSE
MW-4D	4/6/2010	ND<2.5 U	FALSE
MW-4D	10/7/2010	ND<2.5 U	FALSE
MW-4D	3/29/2011	ND<2.5 U	FALSE
MW-4D	10/5/2011	ND<2.5 U	FALSE
MW-4D	4/5/2012	ND<2.5 U	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	ND<1.25 U	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	5 I	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	12	FALSE

MW-8D	4/29/2002	7.7	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/27/2007	ND<25 U	FALSE
MW-8D	9/28/2007	ND<2.5 U	FALSE
MW-8D	3/27/2008	ND<0.85 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1.25 U	FALSE

MW-11D	4/29/2002	20	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	13	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/27/2007	ND<25 U	FALSE
MW-11D	9/27/2007	ND<2.5 U	FALSE
MW-11D	3/27/2008	ND<0.85 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE
MW-11D	4/9/2013	ND<1.25 U	FALSE

MW-10D	**4/30/2002**	**240**	**TRUE**
MW-10D	10/29/2002	48	FALSE
MW-10D	3/25/2003	47	FALSE
MW-10D	9/30/2003	10	FALSE
MW-10D	3/30/2004	8.8	FALSE
MW-10D	9/27/2004	12	FALSE
MW-10D	4/12/2005	35	FALSE
MW-10D	9/27/2005	63	FALSE
MW-10D	3/27/2007	4.8 J	FALSE
MW-10D	9/27/2007	15.2	FALSE
MW-10D	3/26/2008	7.9	FALSE

MW-10D	9/26/2008	5.5	FALSE
MW-10D	3/26/2009	6	FALSE
MW-10D	10/1/2009	9.5	FALSE
MW-10D	4/2/2010	10.2	FALSE
MW-10D	10/7/2010	5.3	FALSE
MW-10D	3/29/2011	5.5	FALSE
MW-10D	10/5/2011	7.4	FALSE
MW-10D	4/4/2012	6.8	FALSE
MW-10D	10/3/2012	6.9	FALSE
MW-10D	4/11/2013	10	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	**3/25/2003**	**230**	**TRUE**
MW-12D	9/30/2003	15	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	52	FALSE
MW-12D	4/11/2005	41	FALSE
MW-12D	9/27/2005	9.9	FALSE
MW-12D	3/27/2007	ND<25 U	FALSE
MW-12D	9/28/2007	32.5	FALSE
MW-12D	3/27/2008	6.7	FALSE
MW-12D	9/30/2008	9	FALSE
MW-12D	3/26/2009	ND<2.5 U	FALSE
MW-12D	10/2/2009	12.7	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	ND<2.5 U	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-13D	9/27/2005	58	FALSE
MW-13D	3/27/2007	26 J	FALSE
MW-13D	9/28/2007	24.3	FALSE
MW-13D	3/27/2008	35.6	FALSE
MW-13D	9/29/2008	23.1	FALSE
MW-13D	3/26/2009	26.2	FALSE
MW-13D	10/2/2009	29	FALSE
MW-13D	4/2/2010	22.2	FALSE
MW-13D	10/7/2010	15.3	FALSE
MW-13D	3/25/2011	18.5	FALSE
MW-13D	10/6/2011	23.2	FALSE
MW-13D	4/5/2012	19.3	FALSE
MW-13D	10/4/2012	17.7	FALSE
MW-13D	4/9/2013	18.8	FALSE
MW-14D	3/27/2007	ND<25 U	FALSE
MW-14D	9/28/2007	ND<2.5 U	FALSE
MW-14D	3/27/2008	ND<0.85 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE

MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Nickel

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 25
Compliance measurements = 205
Comparison Level = 100

1 background measurements exceed 100
2 compliance measurements exceed 100

p background = 0.04 = 1 / 25
p compliance = 0.0097561 = 2 / 205
p total = 0.0130435 = 3 / 230

nPs = 2 < 5.0
mPb = 1 < 5.0
n(1-Ps) = 203
m(1-Pb = 24

Zp = -1.25827 = -0.0302439 / 0.024036
Z critical = 1.64485 at 95% confidence level

-1.25827 < 1.64485
No Statistical Significance at 95% Confidence Level
When Compared to Compliance Limit = 100

Non-Parametric Tolerance Interval

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Total Percent Non-Detects = 59.1304%
Background measurements (n) = 25
Maximum Background Concentration = 420
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

Location	Date	Value	Significant
MW-5D	4/13/1998	12 I	FALSE
MW-5D	11/11/1998	6 I	FALSE
MW-5D	4/26/1999	ND<2.5 U	FALSE
MW-5D	11/2/1999	ND<2.5 U	FALSE
MW-5D	4/3/2000	ND<2.5 U	FALSE
MW-5D	11/6/2000	8.3	FALSE
MW-5D	4/30/2001	ND<2.5 U	FALSE
MW-5D	10/22/2001	7.3	FALSE
MW-5D	4/29/2002	15	FALSE
MW-5D	10/28/2002	ND<2.5 U	FALSE
MW-5D	3/24/2003	ND<2.5 U	FALSE
MW-5D	9/29/2003	ND<2.5 U	FALSE
MW-5D	3/29/2004	ND<2.5 U	FALSE
MW-5D	9/27/2004	ND<2.5 U	FALSE
MW-5D	4/12/2005	ND<2.5 U	FALSE
MW-5D	9/26/2005	ND<2.5 U	FALSE
MW-5D	3/27/2007	2.4 J	FALSE
MW-5D	9/27/2007	1.9 J	FALSE
MW-5D	3/26/2008	ND<0.1 U	FALSE
MW-5D	9/30/2008	ND<2.5 U	FALSE
MW-5D	3/26/2009	7.5	FALSE
MW-5D	10/2/2009	ND<2.5 U	FALSE
MW-5D	4/2/2010	ND<2.5 U	FALSE
MW-5D	10/6/2010	ND<2.5 U	FALSE
MW-5D	3/25/2011	ND<2.5 U	FALSE
MW-5D	10/5/2011	ND<2.5 U	FALSE
MW-5D	4/5/2012	ND<2.5 U	FALSE
MW-5D	10/3/2012	ND<2.5 U	FALSE
MW-5D	4/11/2013	ND<1.25 U	FALSE
MW-2D	4/15/1998	ND<2.5 U	FALSE
MW-2D	11/11/1998	14 I	FALSE
MW-2D	4/27/1999	ND<2.5 U	FALSE
MW-2D	11/2/1999	6 I	FALSE
MW-2D	4/4/2000	ND<2.5 U	FALSE
MW-2D	11/6/2000	5.3	FALSE
MW-2D	4/30/2001	8.1	FALSE
MW-2D	10/22/2001	ND<2.5 U	FALSE
MW-2D	4/29/2002	17	FALSE
MW-2D	10/28/2002	10	FALSE
MW-2D	3/24/2003	ND<2.5 U	FALSE
MW-2D	9/29/2003	13	FALSE
MW-2D	3/29/2004	8.2	FALSE

MW-2D	9/27/2004	9.9	FALSE
MW-2D	4/11/2005	ND<2.5 U	FALSE
MW-2D	9/26/2005	ND<2.5 U	FALSE
MW-2D	3/27/2007	2.6 J	FALSE
MW-2D	9/28/2007	3.1 J	FALSE
MW-2D	3/26/2008	ND<0.1 U	FALSE
MW-2D	9/29/2008	ND<2.5 U	FALSE
MW-2D	3/26/2009	ND<2.5 U	FALSE
MW-2D	10/1/2009	ND<2.5 U	FALSE
MW-2D	4/6/2010	ND<2.5 U	FALSE
MW-2D	10/8/2010	ND<2.5 U	FALSE
MW-2D	3/25/2011	ND<2.5 U	FALSE
MW-2D	10/5/2011	ND<2.5 U	FALSE
MW-2D	4/4/2012	ND<2.5 U	FALSE
MW-2D	10/5/2012	ND<2.5 U	FALSE
MW-2D	4/10/2013	ND<1.25 U	FALSE
MW-4D	4/15/1998	6 I	FALSE
MW-4D	11/9/1998	18 I	FALSE
MW-4D	4/26/1999	5 I	FALSE
MW-4D	11/1/1999	ND<2.5 U	FALSE
MW-4D	4/4/2000	ND<2.5 U	FALSE
MW-4D	11/6/2000	44	FALSE
MW-4D	4/30/2001	21	FALSE
MW-4D	10/22/2001	100	FALSE
MW-4D	4/29/2002	59	FALSE
MW-4D	10/28/2002	12	FALSE
MW-4D	3/24/2003	22	FALSE
MW-4D	9/29/2003	8.6	FALSE
MW-4D	3/29/2004	39	FALSE
MW-4D	9/27/2004	6.2	FALSE
MW-4D	4/11/2005	6.1	FALSE
MW-4D	9/26/2005	5.1	FALSE
MW-4D	3/27/2007	4.3 J	FALSE
MW-4D	9/28/2007	3.7 J	FALSE
MW-4D	3/26/2008	9.7	FALSE
MW-4D	9/29/2008	46.7	FALSE
MW-4D	3/26/2009	30.5	FALSE
MW-4D	10/2/2009	60.7	FALSE
MW-4D	4/6/2010	8.3	FALSE
MW-4D	10/7/2010	6.9	FALSE
MW-4D	3/29/2011	6.9	FALSE
MW-4D	10/5/2011	7.6	FALSE
MW-4D	4/5/2012	8.5	FALSE
MW-4D	10/4/2012	ND<2.5 U	FALSE
MW-4D	4/10/2013	31	FALSE
MW-8D	4/17/1998	ND<2.5 U	FALSE
MW-8D	11/10/1998	ND<2.5 U	FALSE
MW-8D	4/26/1999	ND<2.5 U	FALSE
MW-8D	11/1/1999	ND<2.5 U	FALSE
MW-8D	4/3/2000	ND<2.5 U	FALSE
MW-8D	11/7/2000	ND<2.5 U	FALSE
MW-8D	4/30/2001	ND<2.5 U	FALSE
MW-8D	10/22/2001	8.5	FALSE

MW-8D	4/29/2002	18	FALSE
MW-8D	10/28/2002	ND<2.5 U	FALSE
MW-8D	3/25/2003	ND<2.5 U	FALSE
MW-8D	9/30/2003	ND<2.5 U	FALSE
MW-8D	3/30/2004	ND<2.5 U	FALSE
MW-8D	9/27/2004	ND<2.5 U	FALSE
MW-8D	4/12/2005	ND<2.5 U	FALSE
MW-8D	9/27/2005	ND<2.5 U	FALSE
MW-8D	3/27/2007	1.8 J	FALSE
MW-8D	9/28/2007	1.9 J	FALSE
MW-8D	3/27/2008	ND<0.1 U	FALSE
MW-8D	9/29/2008	ND<2.5 U	FALSE
MW-8D	3/25/2009	ND<2.5 U	FALSE
MW-8D	10/5/2009	ND<2.5 U	FALSE
MW-8D	4/6/2010	ND<2.5 U	FALSE
MW-8D	10/8/2010	ND<2.5 U	FALSE
MW-8D	3/29/2011	ND<2.5 U	FALSE
MW-8D	10/6/2011	ND<2.5 U	FALSE
MW-8D	4/6/2012	ND<2.5 U	FALSE
MW-8D	10/5/2012	ND<2.5 U	FALSE
MW-8D	4/9/2013	ND<1.25 U	FALSE

MW-11D	4/29/2002	13	FALSE
MW-11D	10/29/2002	ND<2.5 U	FALSE
MW-11D	3/25/2003	ND<2.5 U	FALSE
MW-11D	9/29/2003	ND<2.5 U	FALSE
MW-11D	3/30/2004	ND<2.5 U	FALSE
MW-11D	9/27/2004	ND<2.5 U	FALSE
MW-11D	4/12/2005	ND<2.5 U	FALSE
MW-11D	9/26/2005	ND<2.5 U	FALSE
MW-11D	3/27/2007	2.1 J	FALSE
MW-11D	9/27/2007	1.4 J	FALSE
MW-11D	3/27/2008	ND<0.1 U	FALSE
MW-11D	9/30/2008	ND<2.5 U	FALSE
MW-11D	3/26/2009	ND<2.5 U	FALSE
MW-11D	10/5/2009	ND<2.5 U	FALSE
MW-11D	4/6/2010	ND<2.5 U	FALSE
MW-11D	10/8/2010	ND<2.5 U	FALSE
MW-11D	3/29/2011	ND<2.5 U	FALSE
MW-11D	10/5/2011	ND<2.5 U	FALSE
MW-11D	4/6/2012	ND<2.5 U	FALSE
MW-11D	10/5/2012	ND<2.5 U	FALSE
MW-11D	4/9/2013	ND<1.25 U	FALSE

MW-10D	4/30/2002	190	FALSE
MW-10D	10/29/2002	14	FALSE
MW-10D	3/25/2003	25	FALSE
MW-10D	9/30/2003	ND<2.5 U	FALSE
MW-10D	3/30/2004	ND<2.5 U	FALSE
MW-10D	9/27/2004	ND<2.5 U	FALSE
MW-10D	4/12/2005	9.8	FALSE
MW-10D	9/27/2005	27	FALSE
MW-10D	3/27/2007	3.9 J	FALSE
MW-10D	9/27/2007	5.8	FALSE
MW-10D	3/26/2008	ND<0.1 U	FALSE

MW-10D	9/26/2008	ND<2.5 U	FALSE
MW-10D	3/26/2009	ND<2.5 U	FALSE
MW-10D	10/1/2009	ND<2.5 U	FALSE
MW-10D	4/2/2010	ND<2.5 U	FALSE
MW-10D	10/7/2010	ND<2.5 U	FALSE
MW-10D	3/29/2011	ND<2.5 U	FALSE
MW-10D	10/5/2011	ND<2.5 U	FALSE
MW-10D	4/4/2012	ND<2.5 U	FALSE
MW-10D	10/3/2012	ND<2.5 U	FALSE
MW-10D	4/11/2013	ND<1.25 U	FALSE
MW-12D	10/28/2002	ND<2.5 U	FALSE
MW-12D	3/25/2003	300	FALSE
MW-12D	9/30/2003	25	FALSE
MW-12D	3/30/2004	ND<2.5 U	FALSE
MW-12D	9/27/2004	120	FALSE
MW-12D	4/11/2005	100	FALSE
MW-12D	9/27/2005	16	FALSE
MW-12D	3/27/2007	7.4 J	FALSE
MW-12D	9/28/2007	83.1	FALSE
MW-12D	3/27/2008	15.5	FALSE
MW-12D	9/30/2008	ND<2.5 U	FALSE
MW-12D	3/26/2009	7	FALSE
MW-12D	10/2/2009	ND<2.5 U	FALSE
MW-12D	4/6/2010	ND<2.5 U	FALSE
MW-12D	10/7/2010	ND<2.5 U	FALSE
MW-12D	3/29/2011	7.3	FALSE
MW-12D	10/6/2011	ND<2.5 U	FALSE
MW-12D	4/5/2012	ND<2.5 U	FALSE
MW-12D	10/5/2012	ND<2.5 U	FALSE
MW-12D	4/11/2013	ND<2.5 U	FALSE
MW-13D	9/27/2005	130	FALSE
MW-13D	3/27/2007	30	FALSE
MW-13D	9/28/2007	0.67 J	FALSE
MW-13D	3/27/2008	9.6	FALSE
MW-13D	9/29/2008	5.2	FALSE
MW-13D	3/26/2009	17.3	FALSE
MW-13D	10/2/2009	ND<2.5 U	FALSE
MW-13D	4/2/2010	ND<2.5 U	FALSE
MW-13D	10/7/2010	ND<2.5 U	FALSE
MW-13D	3/25/2011	ND<2.5 U	FALSE
MW-13D	10/6/2011	ND<2.5 U	FALSE
MW-13D	4/5/2012	ND<2.5 U	FALSE
MW-13D	10/4/2012	ND<2.5 U	FALSE
MW-13D	4/9/2013	ND<1.25 U	FALSE
MW-14D	3/27/2007	1.4 J	FALSE
MW-14D	9/28/2007	2 J	FALSE
MW-14D	3/27/2008	ND<0.1 U	FALSE
MW-14D	9/30/2008	ND<2.5 U	FALSE
MW-14D	3/26/2009	ND<2.5 U	FALSE
MW-14D	10/2/2009	ND<2.5 U	FALSE
MW-14D	4/6/2010	ND<2.5 U	FALSE

MW-14D	10/7/2010	ND<2.5 U	FALSE
MW-14D	3/29/2011	ND<2.5 U	FALSE
MW-14D	10/6/2011	ND<2.5 U	FALSE
MW-14D	4/5/2012	ND<2.5 U	FALSE
MW-14D	10/5/2012	ND<2.5 U	FALSE
MW-14D	4/11/2013	ND<2.5 U	FALSE

Two-Sample Test of Proportions

Parameter: Vanadium

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 25
Compliance measurements = 205
Comparison Level = 0.3

25 background measurements exceed 0.3
199 compliance measurements exceed 0.3

p background = 1 = 25 / 25
p compliance = 0.970732 = 199 / 205
p total = 0.973913 = 224 / 230

nPs = 199
mPb = 25
n(1-Ps) = 6
m(1-Pb = 0 < 5.0

Zp = -0.866779 = -0.0292683 / 0.0337667
Z critical = 1.64485 at 95% confidence level

-0.866779 < 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 = 43.4783%
Background measurements (n) = 25
Maximum Background Concentration = 195
Minimum Coverage = 88.7%
Average Coverage = 96.1538%

Location	Date	Value	Significant
MW-5D	4/13/1998	30 I	FALSE
MW-5D	11/11/1998	96 I	FALSE
MW-5D	4/26/1999	49 I	FALSE
MW-5D	11/2/1999	70 I	FALSE
MW-5D	4/3/2000	47 I	FALSE
MW-5D	11/6/2000	28	FALSE
MW-5D	4/30/2001	ND<5 U	FALSE
MW-5D	10/22/2001	33	FALSE
MW-5D	4/29/2002	52	FALSE
MW-5D	10/28/2002	11	FALSE
MW-5D	3/24/2003	11	FALSE
MW-5D	9/29/2003	ND<5 U	FALSE
MW-5D	3/29/2004	ND<5 U	FALSE
MW-5D	9/27/2004	79	FALSE
MW-5D	4/12/2005	32	FALSE
MW-5D	9/26/2005	17	FALSE
MW-5D	3/27/2007	15	FALSE
MW-5D	9/27/2007	20.7	FALSE
MW-5D	3/26/2008	22.4	FALSE
MW-5D	9/30/2008	ND<5 U	FALSE
MW-5D	3/26/2009	17.2	FALSE
MW-5D	10/2/2009	10.3	FALSE
MW-5D	4/2/2010	ND<5 U	FALSE
MW-5D	10/6/2010	ND<5 U	FALSE
MW-5D	3/25/2011	17.4	FALSE
MW-5D	10/5/2011	13.7	FALSE
MW-5D	4/5/2012	18.7	FALSE
MW-5D	10/3/2012	11.3	FALSE
MW-5D	4/11/2013	ND<2.5 U	FALSE
MW-2D	4/15/1998	180	FALSE
MW-2D	11/11/1998	28 I	FALSE
MW-2D	4/27/1999	29 I	FALSE
MW-2D	11/2/1999	20 I	FALSE
MW-2D	4/4/2000	ND<12.5 U	FALSE
MW-2D	11/6/2000	14	FALSE
MW-2D	4/30/2001	37	FALSE
MW-2D	10/22/2001	ND<5 U	FALSE
MW-2D	4/29/2002	33	FALSE
MW-2D	10/28/2002	18	FALSE
MW-2D	3/24/2003	ND<5 U	FALSE
MW-2D	9/29/2003	24	FALSE
MW-2D	3/29/2004	18	FALSE

MW-2D	9/27/2004	16	FALSE
MW-2D	4/11/2005	ND<5 U	FALSE
MW-2D	9/26/2005	ND<5 U	FALSE
MW-2D	3/27/2007	6.6 J	FALSE
MW-2D	9/28/2007	5.6 J	FALSE
MW-2D	3/26/2008	ND<0.2 U	FALSE
MW-2D	9/29/2008	ND<5 U	FALSE
MW-2D	3/26/2009	ND<5 U	FALSE
MW-2D	10/1/2009	16.1	FALSE
MW-2D	4/6/2010	ND<5 U	FALSE
MW-2D	10/8/2010	ND<5 U	FALSE
MW-2D	3/25/2011	ND<5 U	FALSE
MW-2D	10/5/2011	16.8	FALSE
MW-2D	4/4/2012	ND<5 U	FALSE
MW-2D	10/5/2012	ND<5 U	FALSE
MW-2D	4/10/2013	ND<2.5 U	FALSE
MW-4D	4/15/1998	110	FALSE
MW-4D	11/9/1998	38 I	FALSE
MW-4D	4/26/1999	140	FALSE
MW-4D	11/1/1999	80 I	FALSE
MW-4D	4/4/2000	ND<12.5 U	FALSE
MW-4D	11/6/2000	18	FALSE
MW-4D	4/30/2001	21	FALSE
MW-4D	10/22/2001	92	FALSE
MW-4D	4/29/2002	20	FALSE
MW-4D	10/28/2002	ND<5 U	FALSE
MW-4D	3/24/2003	ND<5 U	FALSE
MW-4D	9/29/2003	12	FALSE
MW-4D	3/29/2004	14	FALSE
MW-4D	9/27/2004	ND<5 U	FALSE
MW-4D	4/11/2005	18	FALSE
MW-4D	9/26/2005	28	FALSE
MW-4D	3/27/2007	5.3 J	FALSE
MW-4D	9/28/2007	37.9	FALSE
MW-4D	3/26/2008	ND<0.2 U	FALSE
MW-4D	9/29/2008	ND<5 U	FALSE
MW-4D	3/26/2009	10.4	FALSE
MW-4D	10/2/2009	11.9	FALSE
MW-4D	4/6/2010	ND<5 U	FALSE
MW-4D	10/7/2010	ND<5 U	FALSE
MW-4D	3/29/2011	10.8	FALSE
MW-4D	10/5/2011	ND<5 U	FALSE
MW-4D	4/5/2012	ND<5 U	FALSE
MW-4D	10/4/2012	ND<5 U	FALSE
MW-4D	4/10/2013	11.8	FALSE
MW-8D	4/17/1998	60 I	FALSE
MW-8D	**11/10/1998**	**248**	**TRUE**
MW-8D	4/26/1999	102 I	FALSE
MW-8D	11/1/1999	30 I	FALSE
MW-8D	4/3/2000	42 I	FALSE
MW-8D	11/7/2000	19	FALSE
MW-8D	4/30/2001	ND<5 U	FALSE
MW-8D	10/22/2001	69	FALSE

MW-8D	4/29/2002	34	FALSE
MW-8D	10/28/2002	32	FALSE
MW-8D	3/25/2003	30	FALSE
MW-8D	9/30/2003	ND<5 U	FALSE
MW-8D	3/30/2004	ND<5 U	FALSE
MW-8D	9/27/2004	ND<5 U	FALSE
MW-8D	4/12/2005	11	FALSE
MW-8D	9/27/2005	18	FALSE
MW-8D	3/27/2007	27	FALSE
MW-8D	9/28/2007	32.3	FALSE
MW-8D	3/27/2008	ND<0.2 U	FALSE
MW-8D	9/29/2008	ND<5 U	FALSE
MW-8D	3/25/2009	ND<5 U	FALSE
MW-8D	10/5/2009	ND<5 U	FALSE
MW-8D	4/6/2010	ND<5 U	FALSE
MW-8D	10/8/2010	10.3	FALSE
MW-8D	3/29/2011	ND<5 U	FALSE
MW-8D	10/6/2011	10.4	FALSE
MW-8D	4/6/2012	29.8	FALSE
MW-8D	10/5/2012	ND<5 U	FALSE
MW-8D	4/9/2013	ND<2.5 U	FALSE

MW-11D	4/29/2002	33	FALSE
MW-11D	10/29/2002	ND<5 U	FALSE
MW-11D	3/25/2003	16	FALSE
MW-11D	9/29/2003	ND<5 U	FALSE
MW-11D	3/30/2004	ND<5 U	FALSE
MW-11D	9/27/2004	24	FALSE
MW-11D	4/12/2005	ND<5 U	FALSE
MW-11D	9/26/2005	12	FALSE
MW-11D	3/27/2007	21	FALSE
MW-11D	9/27/2007	13.2	FALSE
MW-11D	3/27/2008	28	FALSE
MW-11D	9/30/2008	ND<5 U	FALSE
MW-11D	3/26/2009	32.8	FALSE
MW-11D	10/5/2009	ND<5 U	FALSE
MW-11D	4/6/2010	ND<5 U	FALSE
MW-11D	10/8/2010	ND<5 U	FALSE
MW-11D	3/29/2011	ND<5 U	FALSE
MW-11D	10/5/2011	ND<5 U	FALSE
MW-11D	4/6/2012	ND<5 U	FALSE
MW-11D	10/5/2012	ND<5 U	FALSE
MW-11D	4/9/2013	23.8	FALSE

MW-10D	**4/30/2002**	**210**	**TRUE**
MW-10D	10/29/2002	30	FALSE
MW-10D	3/25/2003	40	FALSE
MW-10D	9/30/2003	16	FALSE
MW-10D	3/30/2004	ND<5 U	FALSE
MW-10D	9/27/2004	ND<5 U	FALSE
MW-10D	4/12/2005	20	FALSE
MW-10D	9/27/2005	56	FALSE
MW-10D	3/27/2007	6.9 J	FALSE
MW-10D	9/27/2007	21.9	FALSE
MW-10D	3/26/2008	11.2	FALSE

MW-10D	9/26/2008	ND<5 U	FALSE
MW-10D	3/26/2009	ND<5 U	FALSE
MW-10D	10/1/2009	ND<5 U	FALSE
MW-10D	4/2/2010	ND<5 U	FALSE
MW-10D	10/7/2010	ND<5 U	FALSE
MW-10D	3/29/2011	19.2	FALSE
MW-10D	10/5/2011	ND<5 U	FALSE
MW-10D	4/4/2012	ND<5 U	FALSE
MW-10D	10/3/2012	ND<5 U	FALSE
MW-10D	4/11/2013	16	FALSE
MW-12D	10/28/2002	ND<5 U	FALSE
MW-12D	**3/25/2003**	**320**	**TRUE**
MW-12D	9/30/2003	20	FALSE
MW-12D	3/30/2004	ND<5 U	FALSE
MW-12D	9/27/2004	95	FALSE
MW-12D	4/11/2005	79	FALSE
MW-12D	9/27/2005	12	FALSE
MW-12D	3/27/2007	7.8 J	FALSE
MW-12D	9/28/2007	64.5	FALSE
MW-12D	3/27/2008	10.1	FALSE
MW-12D	9/30/2008	ND<5 U	FALSE
MW-12D	3/26/2009	ND<5 U	FALSE
MW-12D	10/2/2009	12.2	FALSE
MW-12D	4/6/2010	ND<5 U	FALSE
MW-12D	10/7/2010	ND<5 U	FALSE
MW-12D	3/29/2011	23.2	FALSE
MW-12D	10/6/2011	ND<5 U	FALSE
MW-12D	4/5/2012	ND<5 U	FALSE
MW-12D	10/5/2012	ND<5 U	FALSE
MW-12D	4/11/2013	ND<5 U	FALSE
MW-13D	9/27/2005	39	FALSE
MW-13D	3/27/2007	26	FALSE
MW-13D	9/28/2007	40.6	FALSE
MW-13D	3/27/2008	16.4	FALSE
MW-13D	9/29/2008	ND<5 U	FALSE
MW-13D	3/26/2009	ND<5 U	FALSE
MW-13D	10/2/2009	ND<5 U	FALSE
MW-13D	4/2/2010	ND<5 U	FALSE
MW-13D	10/7/2010	ND<5 U	FALSE
MW-13D	3/25/2011	ND<5 U	FALSE
MW-13D	10/6/2011	ND<5 U	FALSE
MW-13D	4/5/2012	13	FALSE
MW-13D	10/4/2012	ND<5 U	FALSE
MW-13D	4/9/2013	ND<2.5 U	FALSE
MW-14D	3/27/2007	6.7 J	FALSE
MW-14D	9/28/2007	23.2	FALSE
MW-14D	3/27/2008	ND<0.2 U	FALSE
MW-14D	9/30/2008	ND<5 U	FALSE
MW-14D	3/26/2009	ND<5 U	FALSE
MW-14D	10/2/2009	11.1	FALSE
MW-14D	4/6/2010	ND<5 U	FALSE

MW-14D	10/7/2010	ND<5 U	FALSE
MW-14D	3/29/2011	ND<5 U	FALSE
MW-14D	10/6/2011	ND<5 U	FALSE
MW-14D	4/5/2012	ND<5 U	FALSE
MW-14D	10/5/2012	ND<5 U	FALSE
MW-14D	4/11/2013	ND<5 U	FALSE

Two-Sample Test of Proportions

Parameter: Zinc

Original Data (Not Transformed)

Non-Detects Replaced with 1/2 DL

Background measurements = 25
Compliance measurements = 205
Comparison Level = 1000

0 background measurements exceed 1000
0 compliance measurements exceed 1000

p background = 0 = 0 / 25
p compliance = 0 = 0 / 205
p total = 0 = 0 / 230

nPs = 0 < 5.0
mPb = 0 < 5.0
n(1-Ps) = 205
m(1-Pb = 25

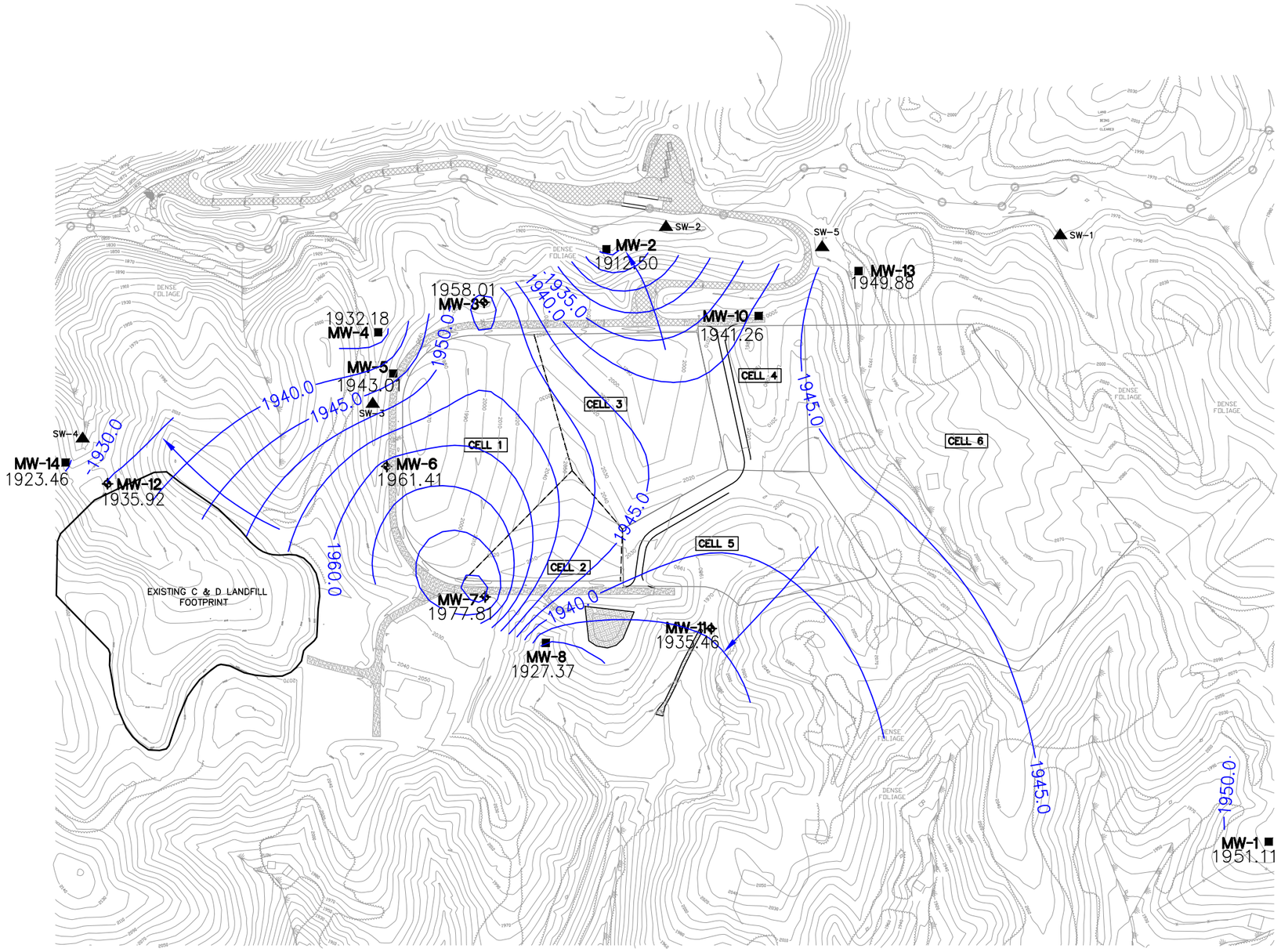
Divide by zero error.

Table 1. April 2013 Groundwater Velocity Calcuations, New Buncombe County Landfill, Buncombe County, North Carolina.

MW-ID	Hydraulic Conductivity (feet/day)	Change in head (dh) (feet)	Distance between wells (dl)(feet)	Hydraulic Gradient (dh/dl) (feet)	Porosity (n_e)	Velocity (feet/day) (V)	Comments
MW-1	0.117	6.11	840	0.01	0.05	0.02	Between MW-1 and 1945.0 contour
MW-2	5.67	10	115	0.09	0.05	9.86	Between 1915.0 and 1925.0 contours
MW-3	1.84	10	107	0.09	0.05	3.44	Between 1945.0 and 1955.0 contours
MW-4	1.42	10	138	0.07	0.05	2.06	Between 1935.0 and 1945.0 contours
MW-5	2.75	15	246	0.06	0.05	3.35	Between 1940.0 and 1955.0 contours
MW-6	0.414	10	232	0.04	0.05	0.36	Between 1955.0 and 1965.0 contours
MW-7	0.201	30	185	0.16	0.05	0.65	Between 1945.0 and 1975.0 contours
MW-8	0.0358	15	100	0.15	0.05	0.11	Between 1930.0 and 1945.0 contours
MW-10	0.07	10	236	0.04	0.05	0.06	Between 1930.0 and 1940.0 contours
MW-11	0.915	5	307	0.02	0.05	0.30	Between 1935.0 and 1940.0 contours
MW-12	0.33	10	155	0.06	0.05	0.43	Between 1925.0 and 1935.0 contours
MW-13	0.77	10	281	0.04	0.3	0.09	Between 1935.0 and 1945.0 contours
MW-14	0.33	10	155	0.06	0.05	0.43	Between 1925.0 and 1935.0 contours
MW-1D	0.0327	2	417	0.00	0.05	0.003	Between 1946.0 and 1948.0 contours
MW-2D	0.159	8	182	0.04	0.05	0.14	Between 1914.0 and 1922.0 contours
MW-4D	0.833	4	79	0.05	0.05	0.84	Between 1934.0 and 1938.0 contours
MW-5D	0.329	6	138	0.04	0.05	0.29	Between 1934.0 and 1940.0 contours
MW-8D	3.35	3.39	348	0.01	0.05	0.65	Between MW-8D and 1932.0 contour
MW-10D	0.176	4	124	0.03	0.05	0.11	Between 1938.0 and 1942.0 contours
MW-11D	1.35	2	175	0.01	0.05	0.31	Between 1934.0 and 1936.0 contours
MW-12D	---	6	87	0.07	0.05	---	Between 1930.0 and 1936.0 contours
MW-13D	0.28	4	155	0.03	0.05	0.14	Between 1942.0 and 1946.0 contours
MW-14D	0.04	6	74	0.08	0.05	0.06	Between 1926.0 and 1932.0 contours

Notes:

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



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

REV	DATE	DESCRIPTION	BY

CERTIFICATE NO.

DRAWING TITLE
GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP

PROJECT TITLE
APRIL 2013
NEW BUNCOMBE COUNTY LANDFILL
SHALLOW MONITORING WELLS

CLIENT
BUNCOMBE COUNTY
NORTH CAROLINA

SCS ENGINEERS
STEARNS, CONRAD AND SCHMIDT
CONSULTING ENGINEERS
3012 U.S. HWY. 301 NORTH, SUITE 700, TAMPA, FL 33619
PH: (813) 621-9691 FAX: (813) 623-6757
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00001892

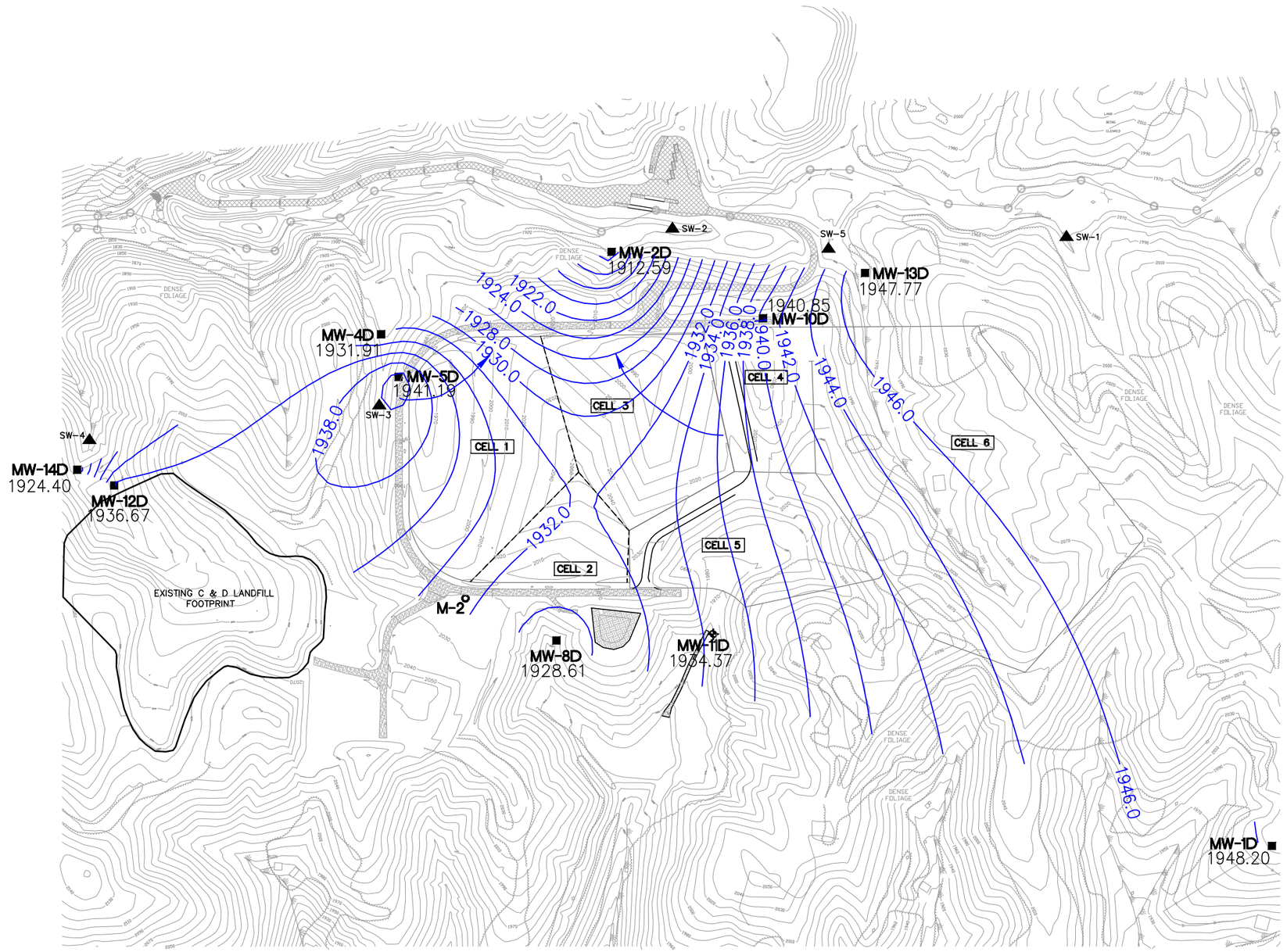
PROJ. NO. 09204072.05 | DWN. BY: AEL | Q/A RVW BY: KEG
DSN. BY: PBS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: JANUARY 2013

SCALE: AS SHOWN

DRAWING NO.
1 of 1



LEGEND

MW-1	MONITORING WELL
MW-2 MW-2D	MONITORING WELL CLUSTER
M-1	METHANE GAS WELL
1948.45	WATER LEVEL ELEVATION (FT. AMSL)
—1926.0—	WATER LEVEL CONTOUR (FT. AMSL) (DASHED WHERE INFERRED)
→	GROUNDWATER FLOW DIRECTION

REV	DATE	DESCRIPTION	BY

CERTIFICATE NO.

DRAWING TITLE
GROUNDWATER AND SURFACE WATER MONITORING WELL LOCATION MAP

PROJECT TITLE
APRIL 2013
NEW BUNCOMBE COUNTY LANDFILL DEEP MONITORING WELLS

CLIENT
BUNCOMBE COUNTY NORTH CAROLINA

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

PROJ. NO. 047201072.05 | DWN. BY: AEL | Q/A RVW BY: KEG
DSN. BY: PBS&J | CHK. BY: KEG | APP. BY: KEG

CADD FILE: 047201SITE1

DATE: JANUARY 2013

SCALE: AS SHOWN

DRAWING NO.
1 of 1